

* AGRICULTURE, STOCK, DAIRY, POULTRY, HORTICULTURE, VETERINARY, HOME CIRCLE.*

Vol. XXXVII.

1902

WINNIPEG, MAN.

AUGUST 5, 1902.

LONDON, ONT.

ART

LAST LONGEST AND YIELD BEST RESULTS BECAUSE THEY ARE MADE FROM BEST MA-

THE

TERIALS, IN THE MOST CAREFUL MANNER. . .

> NEW ORGAN FOR HOME USE IS THE

BELLOLIAN

ANYONE CAN PLAY IT WITHOUT STUDYING MUSIC.

MADE BY

GUELPH, ONTARIO. CATALOGUE No. 40 FREE ON REQUEST.

15 Cents (stamps or silver) sent to Western Veterinary Co., P. O. Box 573. Winnipeg, will bring you, postpaid, a regular 25-cent bottle of Owen's Cascara Liver Tablets, far superior to pills for all stomach, liver and bowel troubles; also a sample bottle of Owen's Liquid Catarrh Snuff, and a sample bottle of Dr. Warnock's Ulcerkure for barbed-wire cuts—a wonderful healing medicine. Mr. Walter Bregg, Oak Lake, writes: "Owen's Cascara Liver Tablets is the best medicine for constipation I have ever tried, and I have been a great sufferer from this complaint. Please send me \$1.00 worth." TRY THIS 15-CENT INVESTMENT.

To build up the West support its institutions

THE MANITOBA

ESTABLISHED 1886.

Winnipeg. Head Office:

The Government deposit. Licensed by Ter-tocial Government. Special inducements Farmers to insure in this Company. The, energetic agents wanted in unented districts.

3. MACDONALD, K. C., President.

KDON, M. P. P., Vice-President. ECK, Managing - Director. H.

communications to Managing-Director, WINNIPEG, MANITOBA.

CONTENTS OF THIS NUMBER.

HARVEST HELP FOR ASSINIBOIA									P	
					*					567
					2.7					567
				- *						567 567
FARMERS IN OFFICE										568
CAMERA COMPETITION										568
VIRDEN FAIR										568
To Cut 25 Acres a Day										568
Non-Paying Cows										568
CARE OF MARE AND FOAL WHEN T										569
WATER FOR HORSES IN THE HARV										569
SIR WALTER GILBEY'S SUGGESTION.										569
BREEDING ARMY HORSES										569
GROOMING THE HORSE										569
HACKNEY STALLION, DANEBURY 473										569
CONDITIONS AFFECTING QUALITY O.										569
ANENT HEDGE FENCES										569
YORKTON FAIR										570
CARBERRY FAIR										570
FARMERS' ELEVATOR ASSOCIATION										570
THE PORTAGE FAIR										571
CAN WE PROFITABLY RAISE MORE										571
WANDERER'S LAST (IMP.) = 36129= 0										571
IMPROVEMENT OF LOCAL SHOWS										572
BEES IN MANITOBA										572
OUR SCOTTISH LETTER										572
ROAN QUEEN =47454 = (ILLUSTRATIO										573
AUGUST GARDENING										573
SOUTH AFRICA NEEDS PURE-BRED										574
THE ONTARIO HOG CENSUS										574
DILUTION CREAM-RAISING										574
INDIVIDUAL VALUE OF DAIRY COW										574
BRITISH COLUMBIA SHOW										574
CULTURE OF FALL WHEAT IN CEN	TRA	т А	TRE	 RTA						574
JUDGING IN THE RING	INA	ili Zh	LDE	6 I Z						574
SHEEP AT THE ROYAL SHOW										575
Nonpareil of Lakeview 3rd (ILL	TOT	D AT	MON)							575
FAIR DATES	, UBI	ILAI	ION)							575
INCREASING BUTTER-FAT IN MILK	1000									575
CROSS-BREDS AS MILKERS										
No Butter for Export										575
THE WINNIPEG INDUSTRIAL.										576
Daring Auptourmunal	TEA	3.4	A.T	D,	PRT	AGI	7	FA	TR.	
(ILLUSTRATION)								-		576
READY FOR THE STOCK PARADE	AT	P	ORTA	GE	St	M M	ER	F'A	IR	57.0
(ILLUSTRATION)	т.	POR	TAGI	c 8	SUN	1 M F	R	FA	IR	3(1)
(ILLUSTRATION) FIRST PRIZE DRAFT TEAM A (ILLUSTRATION)										
CARBERRY SUMMER FAIR (ILLUSTI THE STOCK PARADE AT CARBERRY										576
LARY DOUGLAS OF KHOUHANITY	000		DH	TR	(TE					
	16695	S (II.	R F.	AIR 'RA'	(11.) (017	LUS N)	TR.	ATIC	N)	577 578
CAMPROLLOWER OF STEPFORD 7476	(IL	LUS	R F. LUST	AIR TRA' TON	(11.) (11.)	LUS N)	TR.	ATIC	N)	577 578 578
CAMPFOLLOWER OF STEPFORD 7476	(IL	LUS	R F.	TRA'	(IL) FIOI	LUS N)	TR	ATIC)N)	577 578 578 578
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION) MERTOUN (ILLUSTRATION)	. (IL	LUS	R F.	TRA'	(IL)	LUS N)	TR	ATIO	(N)	577 578 578 578 578 579 580
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION) MERTOUN (ILLUSTRATION) ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST	RAT	LION	LUST	TRA'		LUS	TR.	ATIC)N)	577 578 578 578 578 579 580 581
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION) MERTOUN (ILLUSTRATION) ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR	RAT	LION	LUST	TRA'		LUS	TR.	ATIO)N)	577 578 578 578 578 579 580 581 583
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION) MERTOUN (ILLUSTRATION) ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR	RAT	LUS	LUST	AIR TRATION		LUS	TR.	ATIO)N)	577 578 578 578 579 580 581 583 583
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION) MERTOUN (ILLUSTRATION) ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR	RAT	LUS	LUST	AIR TRATION		LUS	TR.	ATIO)N)	577 578 578 578 579 580 581 583 583
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION) MERTOUN (ILLUSTRATION) ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR SWINDLED OUT OF \$5,000 NOTES FROM OTTAWA SUCCESSFUL CALF-RAISING	RAT	LION	LUST PRAT	AIR PRA' TION		LUS	TR	ATIO	(Z)	577 578 578 578 578 579 580 581 583 583 583 583
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION) MERTOUN (ILLUSTRATION) ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR SWINDLED OUT OF \$5,000 NOTES FROM OTTAWA SUCCESSFUL CALF-RAISING	RAT	LION	LUST PRAT	AIR PRA' TION		LUS	TR	ATIO	(Z)	577 578 578 578 578 579 580 581 583 583 583 583
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION) MERTOUN (ILLUSTRATION) ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR SWINDLED OUT OF 85,000 NOTES FROM OTTAWA SUCCESSFUL CALF-RAISING PLAN OF NEW DAIRY BUILDING, QUESTIONS AND ANSWERS. — VE	TOR	CHON	LUST FRAT	NT.	(IL)	LUS	TR	ATIO	ON)	577 578 578 578 578 579 580 581 583 583 583 583 584 584
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION) MERTOUN (ILLUSTRATION) ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR SWINDLED OUT OF \$5,000 NOTES FROM OTTAWA SUCCESSFUL CALF-RAIFING PLAN OF NEW DAIRY BUILDING, QUESTIONS AND ANSWERS.— VE SPAVIN IN COLT: JOINT ILL; BI MARGELIANDOUS: STANDARD	TOR	CION	CO, ORY:	NT.	(IL)	LUS	TR	ATIO	ON)	577 578 578 578 579 580 581 583 583 583 583 584 584
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION) MERTOUN (ILLUSTRATION) ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR SWINDLED OUT OF \$5,000 NOTES FROM OTTAWA SUCCESSFUL CALF-RAIFING PLAN OF NEW DAIRY BUILDING, QUESTIONS AND ANSWERS.— VE SPAVIN IN COLT: JOINT ILL; BI MARGELIANDOUS: STANDARD	TOR	CION	CO, ORY:	NT.	(IL)	LUS	TR	ATIO	ON)	577 578 578 578 578 579 580 581 583 583 583 583 584 584
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION). MERTOUN (ILLUSTRATION). ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR. SWINDLED OUT OF \$5,000. NOTES FROM OTTAWA SUCCESSFUL CALF-RAISING. PLAN OF NEW DAIRY BUILDING. QUESTIONS AND ANSWERS.—VE SPAVIN IN COLT: JOINT ILL; BI MISCELLANEOUS: STANDARD OF SHEEP. THE STOMACH WORM.	TORTER	CHO CHO GHT	O, ORY:	NT. W	(IL)	LLUS	STR AN	ATIO	ON)	577 578 578 578 578 578 578 580 581 583 583 583 583 584 584 584
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION). MERTOUN (ILLUSTRATION). ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR. SWINDLED OUT OF \$5,000. NOTES FROM OTTAWA SUCCESSFUL CALF-RAISING PLAN OF NEW DAIRY BUILDING, QUESTIONS AND ANSWERS.—VE SPAVIN IN COLT; JOINT ILL; BI MISCELLANEOUS; STANDARD OF SHEEP THE STOMACH WORM CHICAGO MARKETS	TOR	CHO CHO GHT	O, ORY:	AIR FRA' ION NT. W	(IL) (IL) (IL) (IL) (IL)	LUS	STR AN	ATIC	ON)	577 578 578 578 579 580 581 583 583 583 584 584 584 584 584
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION). MERTOUN (ILLUSTRATION). ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR. SWINDLED OUT OF \$5,000. NOTES FROM OTTAWA SUCCESSFUL CALF-RAISING. PLAN OF NEW DAIRY BUILDING. QUESTIONS AND ANSWERS.—VE SPAVIN IN COLT: JOINT ILL; BI MISCELLANEOUS: STANDARD OF SHEEP. THE STOMACH WORM.	TOR	CHO CHO GHT	O, ORY:	AIR FRA' ION NT. W	(IL) (IL) (IL) (IL) (IL)	LUS	STR AN	ATIC	ON)	577 578 578 578 578 578 578 580 581 583 583 583 583 584 584 584
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION) MERTOUN (ILLUSTRATION) ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR SWINDLED OUT OF \$5,000 NOTES FROM OTTAWA SUCCESSFUL CALF-RAISING PLAN OF NEW DAIRY BUILDING, QUESTIONS AND ANSWERS VE SPAVIN IN COLT: JOINT ILL; BI MISCELLANEOUS: STANDARD VOF SHEEP THE STOMACH WORM CHICAGO MARKETS BRITISH CATTLE MARKETS BRITISH CATTLE MARKETS	TORAT	S (IL LUS' 	LUST FRAT	AIR FRA' ION NT. W	(ILI	LUS	STH AN	ATIC	ON)	577 578 578 578 579 580 581 583 583 583 583 584 584 584 584 584
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION) MERTOUN (ILLUSTRATION) ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR SWINDLED OUT OF \$5,000 NOTES FROM OTTAWA SUCCESSFUL CALF-RAISING PLAN OF NEW DAIRY BUILDING, QUESTIONS AND ANSWERS VE SPAVIN IN COLT: JOINT ILL; BI MISCELLANEOUS: STANDARD VOF SHEEP THE STOMACH WORM CHICAGO MARKETS BRITISH CATTLE MARKETS BRITISH CATTLE MARKETS	TORAT	S (IL LUS"	LUST FRAT	AIR FRA' ION NT. W	(ILI	LUS	STH AN	ATIC	ON)	577 578 578 578 579 580 581 583 583 583 583 584 584 584 584 584
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION) MERTOUN (ILLUSTRATION) ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR SWINDLED OUT OF \$5,000 NOTES FROM OTTAWA SUCCESSFUL CALF-RAISING PLAN OF NEW DAIRY BUILDING, QUESTIONS AND ANSWERS VE SPAVIN IN COLT: JOINT ILL; BI MISCELLANEOUS: STANDARD VOF SHEEP THE STOMACH WORM CHICAGO MARKETS BRITISH CATTLE MARKETS BRITISH CATTLE MARKETS	TORAT	S (IL LUS"	LUST FRAT	AIR FRA' ION NT. W	(ILI	LUS	STH AN	ATIC	ON)	577 578 578 578 579 580 581 583 583 583 583 584 584 584 584 584
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION) MERTOUN (ILLUSTRATION) ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR SWINDLED OUT OF \$5,000 NOTES FROM OTTAWA SUCCESSFUL CALF-RAISING PLAN OF NEW DAIRY BUILDING, QUESTIONS AND ANSWERS VE SPAVIN IN COLT: JOINT ILL; BI MISCELLANEOUS: STANDARD VOF SHEEP THE STOMACH WORM CHICAGO MARKETS BRITISH CATTLE MARKETS BRITISH CATTLE MARKETS	TORAT	S (IL LUS"	LUST FRAT	AIR FRA' ION NT. W	(ILI	LUS	STH AN	ATIC	ON)	577 578 578 578 579 580 581 583 583 583 583 584 584 584 584 584
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION). MERTOUN (ILLUSTRATION). ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR. SWINDLED OUT OF \$5,000. NOTES FROM OTTAWA SUCCESSFUL CALF-RAISING PLAN OF NEW DAIRY BUILDING, QUESTIONS AND ANSWERS.— VE SPAVIN IN COLT: JOINT ILL; BI MISCELLANEOUS: STANDARD OF SHEEP THE STOMACH WORM. CHICAGO MARKETS. BRITISH CATTLE MARKETS. BRITISH CATTLE MARKETS. SWISS SCENE VISITED/BY "MOLLI THE QUIET HOUR. THE CHILDREN'S CORNER.	TORTER RONWEIG	CONTINAL CHOICE	R F LUST	AIR TRA' TION NT. W DIFI	(ILL)	LUS	STH AN	ATIC	ON)	577 578 578 578 578 579 580 583 583 583 584 584 584 584 584 584 584 584 584 584
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION) MERTOUN (ILLUSTRATION) ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR SWINDLED OUT OF \$5,000 NOTES FROM OTTAWA SUCCESSFUL CALF-RAISING PLAN OF NEW DAIRY BUILDING, QUESTIONS AND ANSWERS VESPAVIN IN COLT: JOINT ILL; BI MISCELLANEOUS: STANDARD OF SHEEP THE STOMACH WORM CHICAGO MARKETS BRITISH CATTLE MARKETS BRITISH CATTLE MARKETS SWISS SCENE VISITED/BY "MOLLI THE FAMILY CIRCLE SWISS SCENE VISITED/BY "MOLLI THE CHILDREN'S CORNER. MISS SUNSHINE (ILLUSTRATION).	TORRETERRON	CONTINAL CHOICE CONTINAL CHOIC	R F LUST	AIR FRA' FION W DIFI	(ILL)	LLUS	STH AN	ATIC	ON)	577 578 578 578 578 579 581 583 583 583 583 583 584 581 581 581 581 581 581 581 581
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION). MERTOUN (ILLUSTRATION). ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR. SWINDLED OUT OF 85,000 NOTES FROM OTTAWA SUCCESSFUL CALF-RAISING PLAN OF NEW DAIRY BUILDING, QUESTIONS AND ANSWERS.—VE SPAVIN IN COLT: JOINT ILL; BI MISCELLANEOUS: STANDARD OF SHEEP THE STOMACH WORM. CHICAGO MARKETS. BRITISH CATTLE MARKETS BRITISH CATTLE MARKETS THE FAMILY CIRCLE. THE FAMILY CIRCLE. THE CHILDREN'S CORNER. THE CHILDREN'S CORNER. MISS SUNSHINE (ILLUSTRATION). VIEW IN ALPINE VALLEY (ILLUST SWISS FARM SCENE (ILLUSTRATION).	TORRETTER RON	CHO GHT	O, O ORY:	AIR PRA' PION W DIFI	(ILL)	LLUS	STH AN	ATIC	ON)	577 578 578 578 578 579 580 583 583 583 583 583 584 584 584 584 584 581 581 581
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION). MERTOUN (ILLUSTRATION). ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR. SWINDLED OUT OF 85,000 NOTES FROM OTTAWA SUCCESSFUL CALF-RAISING PLAN OF NEW DAIRY BUILDING, QUESTIONS AND ANSWERS.—VE SPAVIN IN COLT: JOINT ILL; BI MISCELLANEOUS: STANDARD OF SHEEP THE STOMACH WORM. CHICAGO MARKETS. BRITISH CATTLE MARKETS BRITISH CATTLE MARKETS THE FAMILY CIRCLE. THE FAMILY CIRCLE. THE CHILDREN'S CORNER. THE CHILDREN'S CORNER. MISS SUNSHINE (ILLUSTRATION). VIEW IN ALPINE VALLEY (ILLUST SWISS FARM SCENE (ILLUSTRATION).	TORRETTER RON	CHO GHT	O, O ORY:	AIR PRA' PION W DIFI	(ILL)	LLUS	STH AN	ATIC	ON)	577 578 578 578 578 579 580 583 583 583 583 583 584 584 584 584 584 581 581 581
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION). MERTOUN (ILLUSTRATION). ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR. SWINDLED OUT OF 85,000. NOTES FROM OTTAWA SUCCESSFUL CALF-RAISING PLAN OF NEW DAIRY BUILDING, QUESTIONS AND ANSWERS.—VE SPAVIN IN COLT: JOINT ILL; BI MISCELLANEOUS: STANDARD OF SHEEP THE STOMACH WORM CHICAGO MARKETS BRITISH CATTLE MARKETS BRITISH CATTLE MARKETS THE FAMILY CIRCLE THE FAMILY CIRCLE THE CHILDREN'S CORNER MISS SUNSHINE (ILLUSTRATION). VIEW IN ALPINE VALLEY (ILLUST SWISS FARM SCENE (ILLUSTRATION) SSIP WINNIPEG FAIR PRIZE LIST	TORRAT TORRATERRONWEIG	S (ILLUS'	O, O ORY:	NT. W	(IL)	LUS NI LUS MS EN	STR AN	ATIC	ON)	577 578 578 578 578 578 581 583 583 583 583 583 584 584 584 584 584 581 581 581 587 589 589 589 589
CAMPFOLLOWER OF STEPFORD 7476 ELATE 16513 (ILLUSTRATION). MERTOUN (ILLUSTRATION). ROYAL DUKE 75509 SHATTERED BY LIGHTNING (ILLUST WAWANESA FAIR HARTNEY SUMMER FAIR. SWINDLED OUT OF 85,000 NOTES FROM OTTAWA SUCCESSFUL CALF-RAISING PLAN OF NEW DAIRY BUILDING, QUESTIONS AND ANSWERS.—VE SPAVIN IN COLT: JOINT ILL; BI MISCELLANEOUS: STANDARD OF SHEEP THE STOMACH WORM. CHICAGO MARKETS. BRITISH CATTLE MARKETS BRITISH CATTLE MARKETS THE FAMILY CIRCLE. THE FAMILY CIRCLE. THE CHILDREN'S CORNER. THE CHILDREN'S CORNER. MISS SUNSHINE (ILLUSTRATION). VIEW IN ALPINE VALLEY (ILLUST SWISS FARM SCENE (ILLUSTRATION).	TOR TERMS TORRERON TORRERON TERMS TORRERON TORRE	S (ILLUS'	R FL R FL STRAT	NT. W	(ILL)	LLUS MB MB MB MB MB MB MB MB MB MB MB MB MB	STR AN	ATIC	ON)	577 578 578 578 578 578 581 583 583 583 583 583 584 584 584 584 584 581 581 581 581 583 583 583 583 583 583 583 584 584 584 584 584 584 584 584 584 584

Watch Repairing

Is our business, and we would like to show you how expert we are. We give special attention to repairing of fine watches. We try to have our work give satisfaction such as will win the confidence of all who deal with us. We want you to feel that your watch is safe in our hands, and that the repairs will be done in the most competent manner. A mailing-box sent for tent manner. A mailing-box sent for the asking. Try us.

D. A. REESOR, "THE JEWELER," Brandon, Man. Official Watch Inspector Issuer of Marriage or for the C.P.R. & N.P.R. Licenses.

A GUARANTEED SAVING OF NEARLY 50 PER CENT ON YOUR

ea

IS SOMETHING WORTH INVESTIGATING.

WE sell Empress Pure Indian (black) Teato consumers in any quantity at the wholesale price of 35 cents per pound, and on the understanding that if the Tea is not as good or better than any other Tea sold elsewhere at 50 cents, or is not perfectly satisfactory in every way, it can be returned at our expense and your money will be promptly refunded. For \$4 cash with order, we will deliver a sample 10-pound lot of Empress Tea, express prepaid, to any railway station in Manitoba. For \$4.25 we will deliver it to any station in Assiniboia or Saskatchewan, or for \$4.50 to any station in Alberta or B. C. as far west as Revelstoke. You take no chances in buying this Tea. Our catalogue, quoting prices, freight paid, on Groceries, Crockery and Glassware, is free for the asking.

Smith & Burton,

BRANDON, MAN.

DR. BARNARDO'S HOMES.

The managers of these institutions invite applications from farmers and others for the boys and tions from farmers and others for the boys and youths who are being sent out periodically from their English training-homes. The older boys remainfor a period of one year at the Farm Home at Russel, during which time they receive practical instruction in general farm work before being placed in situations. Boys from eleven to thirteen are placed from the distributing home in Winnipeg. Applications for younger boys should be addressed to the Secretary, 115 Pacific Avenue, Winnipeg, or P.O. Box 206; and for older boys, possessing experience in farm work, to Manager, Dr. Barnardo's Farm Home, Barnardo, Man.

R. A. BONNAR.

Barrister, Notary Public, Conveyancer, Etc.

Office 4941 Main St., Winnipeg, Man. Special attention to collections. It waiter for "Farm

er's Advocate," Winnipeg.

PLEASE MENTION CARMER'S ADVOCATE.

THIS IS THE BEST FARMER'S PAPER IN WESTERN CANADA.

NO FARM IS COMPLETE



Without one of our No. 1 Superior pumps. We claim our pump will lift more water with each stroke than any other on the market, using the same sized cylinder and just as easy to operate. We are also agents for the best windmill made. Send for catalogue of pumps. Correspondence solicited.

1

0

100

1

The Manitoba Pump Co. Brandon, Man. T. N. WILLIAMSON, MGR.

EVERY FARMER



SHOULD HAVE A PUMP

Do you want the best? Then try one of my

20th Century Cattle Pumps. These pumps fill a pail in three strokes. I keep a full line of wood pumps and repairs of all sizes. Sole agent for Myers Brass Lined Cylinder Pumps, and Hayes' Double-acting Force Pumps, Satisfaction guaranteed. Write for catalogue. Address: BRANDON PUMP WORKS

Box 410. Brandon, Man

YOUNG

We have planted this spring cuttings as follows for delivery next fall and spring:

Petrofsky Russian Poplar, Wobstii Riga "-Russian Laurel Willow, Russian Golden Willow, -- 14,000 Russian Red Willow,

We have also sown seed for 250,000 native maples, and will have a large stock of small fruits.

Prepare your land, plant trees, make your homehomelike and cheerful.

For clean, hardy, fast growers, these Russian trees are head and shoulders above all the rest, and the Virden Nurseries is the headquarters.

CALDWELL & CO., Proprietors.

STEAMSHIP

for your friends, apply to our nearest railway or ticket agent, who can supply outward and prepaid tickets at lowest rates.

Steamers leave Portland, Maine, every Saturday St. John, every Wednesday; New York, every Wednesday and Saturday.

W. P. F. CUMMINGS.

General Agent, C. P. R. Offices,

WINNIPEG

THE QUICKEST AND BEST ROUTE

TO THE

EAST AND WEST. THROUGH CARS TO

TORONTO,

C. · Mo

PLEASE MEN

MONTREAL, VANCOUVER,

Passengers' comfort assured in through tourist cars to

DION BUNTREAL, · UTLE

SEATTLE.

Pasteur Blackleg Vaccine, Quite Ready for Use.

This is in the form of a cord impregnated with the Vaccine. Each dose is separate and applied with a special needle. The dose is hitched on to a notch in the needle and then inserted under the skin at the shoulder. The needle is provided with a detachable handle. Vaccination with "Blacklegine" is as rapid and easy as taking a stitch. There is no dissolving, or mixing or filtering a powder; no injecting or trouble in measuring doses; NO EXPENSIVE SYRINGE OUTFIT OR INJECTOR.

BLACKLEGINE OUTFIT, SHOWING NEEDLE INSERTED IN HANDLE AND DOSE OF VACCINE ATTACHED READY FOR VACCINATING.

PRICES: "SINGLE BLACKLEGINE" (for common stock) No. 1 (ten doses), \$1.50; No. 2 (twenty doses), \$2.50; No. 3 (fifty doses), \$6.00. "DOUBLE BLACKLEGINE" (for choice stock) (first lymph and second lymph, applied at an interval of eight days), \$2.00 per packet of 10 double doses. BLACKLEGINE OUTFIT (handle and two needles), 50 cents.

PASTEUR VACCINE COMPANY, 158=160 E. Huron St., CHICAGO, ILL.

01010100101010101010



Blacklegoids afford the latest and best method of vaccination against blackleg-simplest, safest, surest. They are always ready for use; no filtering, measuring or mixing is necessary. Accuracy of dosage is always assured, because each **Blacklegoid** (or pill) is exactly sufficient for one inoculation. Administration with our Blacklegoid Injector is easy. The operation need not consume one minute. Blacklegoids are sold by druggists; ask for them.

newly printed eight-page fold-r on the "Cause and Nature of Blac' leg" is of interest to atockinen. Write for it; it is tree. PARKE, DAVIS & CO. WALKERVILLE, ONT. Eastern Depot: 378 St. Paul St., MONTREAL, QUE.

David Maxwell&Sons,

ST. MARY'S, ONTARIO.



SOLD BY ALL LEADING WHOLESALE HOUSES ND DEALERS. . . .

STEEL ROLLER BEARINGS, IMPROVED DETACHABLE

LINK,

IMPROVED STEEL FRAME, COMBINED LEVER AND FOOT DRIVE.

PATENTED

Improvements you will not find on other churns. Do you want the best 'Then don't purchase until you see it. Sold by the leading wholesale houses in the Dominion

1 to 3 gl. cream 1 to 5 gl. cream 2 to 7 gl. cream 3 to 7 gl. cream 3 to 12 gl. cream 6 to 14 gl. cream 8 to 20 gl. cream

 TRAVEL

Ganadian Northern Rail'y

LOWEST RATES TO

ALL POINTS

IN THE EAST, WEST AND SOUTH

OCEAN STEAMSHIP TICKETS.

Daily Solid Vestibuled Train, with Sleeping Cars, to St. Paul and Minneapolis.

Full particulars on application to any agent Canadian Northern Ry., or

GEO. H. SHAW,

TRAFFIC MANAGER, WINNIPEG.

HEAD OFFICE: HAMILTON, ONTARIO.

Paid-up Capital, \$2,000,000; Reserve, \$1,500,000; Total Assets, \$19,000,000.

BRANCHES IN MANITOBA and N.-W. T. 1

WINNIPEG (CORNER MAIN AND MCDERMOT STREETS; C. BARTLETT, AGENT),

PILOT MOUND, BRANDON, CARMAN,

HAMIOTA,

MANITOU, MORDEN. STONEWALL,

PLUM COULEE, WINKLER. INDIAN HEAD, N.-W. T. MOOSE JAW, N.-W. T.

Deposits Received and Interest Allowed GENERAL BANKING BUSINESS

TRANSACTED.

Collections carefully and promptly effected at all points in Canada. Savings Banks at all Offices. Correspondence solicited.

There is no Kodak but the Eastman Kodak.

make photography simple, easy, \$5.00 to \$35.00.

Canadian Kodak Co., Ltd. Catalogues free at the dealers or by mail.

TORONTO, CAN.

PORTABLE

IN ALL SIZES.

It is impossible to make a better outfit than the one we sell; guaranteed as to efficiency. The thing you should have to do your own threshing and be independent.

WRITE US FOR PRICES.

BURRIDGE & COOPER, 124 PRINCESS STREET, WINNIPEG.



Ten experienced teachers employed.

COURSES

BUSINESS, SHORTHAND AND TELEGRAPHY.

Write for full information to

JI WICKO SAFEITA IN

G. W. DONALD, SECRETARY.





VOL. XXXVII.

UTH

TS.

00:

ALL,

NKLER.

N.-W. T.

lowed

Offices.

Kodak.

easy,

Ltd.

R,

ND

WINNIPEG, MAN., AND LONDON, ONT., AUGUST 5, 1902.

No. 555

Harvest Help for Assiniboia.

Present crop prospects all over the wheat section of Assiniboia indicate that a large number of harvest hands will be required from outside sources. The Hon, Mr. Bulyea, Commissioner of Agriculture, has, therefore, been in constant communication recently with the Canadian Pacific Railway Company on the subject, and a scheme has now been worked out between the Department of Agriculture and the Company which, it is hoped, will enable the authorities to form an estimate of the number of hands required at each important point, and materially facilitate the distribution of harvesters.

Every railway station agent in Eastern Assiniboia will have in his office an employment register furnished by the Department, in which each employer will register his name, residence, number of men wanted, when wanted, and probable period of employment. The number of applications received will then be communicated each day to the office of the General Passenger Agent at Winnipeg, which will be a sort of "clearing house" while the rush is on, and the register will be available for inspection by the harvesters as they arrive, and be some indication to them as to where help is wanted. An effort will, of course, also be made to have the names of intending employers ruled off the register as they are supplied with help.

In order that the interests of Territorial farmers may be protected, it is probable that the Department will have an officer stationed at Winnipeg during the coming autumn, who will meet all harvest excursion trains and will be in continual touch with the railway people, and lend every assistance in getting the newcomers forwarded to confusion that arose in the distribution of harvesters last year through lack of organization.

The Department is showing in a practical manner a desire to assist the grain-growers on this occasion, but it must be patent to everyone that unless the farmers co-operate the efforts of the Department will be unavailing. Every farmer best markets. help to remove his crop, should at once call at arrange with someone else to do it for him. The

Pointers.

It is a most significant fact, pointed out in the letter by Mr. Falconer, President and General Manager of the Palmerston Pork-packing Company, that Canada was not able to fill large orders for bacon for South Africa, nor have our packers been in a position to take care of the Canadian home market for pork. With a steadily-increasing demand in Great Britain, and with Prospers of a big crop of coarse grains in sight. why not red e more bacon hogs?

of the stranger who proposes to leave - containing \$10,000 in exchange for \$5.000 have was any better way of getting a by industriously and intelligently Moral. Have no fellowship with the ling, but subscribe for a first class

The Benefits of Exhibitions.

In the light of the history of agricultural and industrial exhibitions, no thoughtful and unbiased person can, we think, dispute the beneficial influence of these institutions in stimulating to improvement in methods of farming, in the character and quality of agricultural and dairy products, in types of live stock, and in the production of efficient labor-saving implements and machinery. The question, "Have they been worth what they have cost?" is, to our mind, fully answered in the affirmative by the great improvement made in the various breeds of live stock, through the healthy rivalry incited by competition for the prizes and honors held out for the production of the best in all classes. How otherwise is it possible to determine that improvement is being made or has been effected? Advancement can only be made by bringing together for comparison the best specimens of the different breeds, the choicest of agricultural and dairy products, and the latest and best devices for effective and economical cultivation of the soil and harvesting crops. In no country has the fairs system been so long and successfully tried as in Great Britain, in no country has equal advancement been made in live-stock improvement as a consequence, and in no other country is more interest taken by all classes of the community in the encouragement of fairs, wealthy people contributing liberally of their means to the prize list, and the common people by their presence, both classes in large numbers attending purely agricultural and industrial exhibitions. with no extraneous attractions of any description. The prominent position taken by Canadian products at international exhibitions in recent years has undoubtedly proved one of the most efficient methods that has yet been devised for advertising the resources and capabilities of the country and its suitability as a field for immigration, its productions comparing well with those of the other favored nations of the earth and finding favor and preference in the world's

It is not only the larger and more pretentiou exhibitions, either, that have thus exerted a progressive influence. The smaller and local fairs have also played an important part in the encouragement of young farmers and new beginners in various lines of breeding, in the cultivation of new and improved varieties of grains and grasses and the production of a better class of dairy products. These have acted as feeders to the larger shows, new exhibitors coming up from year to year from the township and county shows to the larger field of the provincial and national ex-

If the exhibition system has not in every refriends, if there has been a decadence in some of its most useful features in some quarters, it is a agers are amenable to faithful criticism on the people, and that an homest effort is evidently being made to raise the standard of attractions our own cash. Josh Billings used to efforts, we are confident will be appreciated and profession and an honor to their country even to suggest a reme! Then to successfully me to

troduce and carry out these suggestions, however reasonable and desirable they may seem to ie.

We predict an unusually successful fairs season in all the Canadian Provinces the present year Prosperity marks nearly every branch of the agri cultural and industrial life of the Dominion. The seasons have, on the whole, been favorable to a bountiful harvest and for the condition of live stock, and we may reasonably expect a larger and better display in all lines of the usual exhibits besides a fair share of new and improved fea-

The leading provincial fixtures in all the Prov mees have been strongthened both financially and by the increased zeal and energy of their boards. of management, and they are confidently expecting the patronage and support of the public in effecting a successful issue. The Winnipeg and Brandon shows have opened the season auspiciously, scoring splendidly. The Central Canada Exhibition, at Ottawa, opens the campaign in the Eastern Provinces this year, the show commencing on the 22nd of August, the principal events being set for the second week, or from the 25th to 30th. An earlier date than usual has been chosen in the hope of falling upon finer weather than has been its lot in the last few years, and every effort has been and is being put forth to maintain its good reputation for efficient management and the placing of a good representation in all lines of live stock and farm products, as well as affording a pleasurable holiday outing for the people of the large constituency of which it is the "hub," and whose circumference is scarcely within the boundary lines of the Dominion. The Toronto Industrial, the Western Fair at London, and the Quebec and Maritime Provincial Shows, the dates of which are given in our list of fairs in this issue, follow in perhaps as satisfactory order as could reasonably be arranged.

Farmers in Office.

A writer in a recent issue of the Prairie become affected with the office craze

"The man who gets to running for office habitually is not fit for much of anything else after a while. We have had two close neighbors who were once comparatively well fixed, and who. through this terrible office disease, are now out of farms, and also out of office. A good farm, well taken care of, beats any county office all to preces, and it may be kept as long as you live if you will stay by it and take care of it. I would rather see a young man working for a farm any time than for an office.

spect met the expectations and wishes of its ment, "a good farm well managed beats and county office," but then there is no reason why a successful farmer should not become a useful hopeful and encouraging sign that fair man- public official at the same time. In fact, many part of their friends among the press and the ous practical and thorough agriculturists pass Provincial Legislatures or Dominion Parliament. and to introduce more of practical and educative, where, distinguished by prudent sagacity and in features into their programme of events. These telligence, they become an ornament to them dets about the future of any man who encouraged by the public and will redound to theless, there is truth in the contention that there the credit and satisfaction of all concerned, is a type of chromic office seeders who, upon enter l'atience and consideration will need to be exer-

568

THE FARMER'S ADVOCATE AND HOME MAGAZINE.

THE LEADING AGRICULTURAL JOURNAL IN MANITOBA AND N.-W. T.

> PUBLISHED SEMI-MONTHLY BY THE WILLIAM WELD COMPANY (LIMITED).

WESTERN OFFICE: IMPERIAL BANK BLOCK, CORNER BANNATYNE AVP. AND MAIN St., WINNIPEG, MANITOSA.

EASTERN OFFICE: CARLING STREET, LONDON, ONT. LONDON (ENGLAND) OFFICE: W. W. CHAPMAN, Agent, Fitzalan House, Strand, London, W. C., England.

1. THE FARMER'S ADVOCATE is published on the fifth and twentieth of each month.

It is impartial and independent of all cliques or parties, handsomely illustrated with original engravings, and furnishes the most profitable, practical and reliable information for farmers, dairymen, gardeners, and stockmen, of any publication in Canada.

 TERMS OF SUBSCRIPTION -\$1.00 per year in advance: \$1.50 if in arrears; sample copy free. European subscriptions, 68, 2d., or \$1.50. New subscriptions can commence with any month. 3- ADVERTISING RATES - Single insertion, to cents per line, agate. Contract rates furnished on application.

4. THE ADVOCATE is sent to subscribers until an explicit order is received for its discontinuance. All payments of arrearages must e made as required by law.

5. THE LAW IS, that all subscribers to newspapers are held responsible until all arrearages are paid and their paper ordered to be

6. REMITTANCES should be made direct to this office, either by Money Order or Registered Letter, which will be at our risk. When made otherwise we will not be responsible. 7. THE DATE ON YOUR LABEL shows to what time your sub-

8. ANONYMOUS communications will receive no attention. 9. LETTERS intended for publication should be written on one side

to. WE INVITE FARMERS to write us on any agricultural topic. WE INVITE FARMERS to write us on any agricultural topic. We are always pleased to receive practical articles. For such as we consider valuable we will pay ten cents per inch printed matter. Criticisms of Articles. Suggestions How to Improve the ADVOCATE, Descriptions of New Grains, Roots or Vegetables not generally known. Particulars of Experiments Tried, or Improved Methods of Cultivation, are each and all welcome. Contributions sent us must not be furnished other papers until after they have appeared in our columns. Rejected matter will be returned on receipt of postage.

ALL COMMUNICATIONS in reference to any matter connected with this paper should be addressed as below, and not to any indi-vidual connected with the paper.

Address: THE FARMER'S ADVOCATE, or THE WILLIAM WELD COMPANY (LIMITED).

Wissipel, Mashobal

Camera Competition.

Last year the "Farmer's Advocate" conducted a camera competition which proved decicidedly popular. The large number of amateur photographers who sent in samples of their work and the artistic excellence of the photographs indicated in a surprising degree the progress that has been made in that direction. Many of the photos were quite equal in artistic excellence and execution to the work of professionals, the subjects selected showing great variety and interest. So encouraging were the results, that we have decided to announce another competition open to amateurs, and to offer much larger prizes than we did in the competition of 1901. We now offer eight prizes, as follows: 1st, \$10; 2nd, \$7; 3rd, \$5; 4th, \$3; 5th, \$2; 6th, \$1; 7th, \$1; and 8th, \$1; for the best photographs of country homes, individual animals or groups, ranch, field or garden scenes, bits of scenery, tree plantations or individual trees grown under cultivation, or anything of that nature, subject to the subjoined rules

All photographs must be not less than 4 x 5 inches in size, mounted or unmounted, and be the work of amateurs.

All photographs must be clear and distinct in detail and well finished.

They must reach the "Farmer's Advocate" office, Winnipeg, Man., not later than October 1st, 1902.

The name of the competing photographer and pass office address, and the name and location of the seme im, the marked on the back of each

Askingson, a married as at liberty to send greather are performed if desired but only dixidral expense policies to the last

, to (i) become the property of the tall tereste" ter the purpose is the tree .. right to purchase, of the contract cording to size and ida prize.

No photograph () which an engraving has a and photographs must i petitors.

Virden Fair.

The 19th annual exhibition under the auspices [Report of an Institute address in Southern Alberta by T. N. Willing, Chief Territorial Weed Inspector.] of the Virden Agricultural Society was held on July 14th and 15th The weather was perfect, and in spite of the fact that a large proportion of the tributary territory was cut off by the high water in the Assiniboin River, which barred all communication with the north, the fair was, financially, a success. The exhibits, however were not as numerous as they would have been, and some of the prominent exhibitors of live stock from the north side of the river were also much missed. The horse exhibit was below the average, and in some rings animals of the most ordinary sort were awarded prizes for the lack of competition. Alex. Colq houn and Dr. Fisher, of Brandon, judged the heavy and light horses, respectively. In the heavy horse classes there were but two stallions shown, both Shires; the Virden Horse Syndicate winning first on Reid Hero, a seven-year-old imported horse, by Simon, out of Ives, by St. Ivis, a big, strong horse with plenty of good bone; Wm. Crothers, with Indiana, black with white markings, winning second. Indiana won the prize for stallion and three of his get. In the agricultural class, the awards were as follows: Brood mare and foal.-John Wright. Foal.--R. Tapp, first; J. Wright, second. Team, not less than 2,800 lbs.—Elder Bros. Twoyear-old.—A. Ferguson, first; C. E. Ivans, second,

In the general purpose class the awards were as below: Brood mare and foal.—First, A. Mc-Millan; second, W. Wardell, Foal.—First, W. Wardell; second, A. H. McMillan. Yeam (to wagon), not less than 2,400 lbs.—First, W. Porteous; second, R. Tapp. Yearling.-First, A. D. McLeod; second, W. Wardell, Two-year-old.-First, J. Dalgesi; second, J. Gee. Special, best colt by Indiana.-First, A. McMillan: second, T.

In the light horse classes the following were winners: Stailion.-Wm. Crothers. Brood mare and foal.-First, John Wright; second, Wm. Crothers, Foal.-First, Wm. Crothers, second. John Wright. Two-year-old.--First, Thos. Tapp; second, Robe, Bowes, Yearling.-Thos. Tapp. Driving team.-First, Fred Wedow; second, M. B. Brandon. Mare or gelding in harness.-First. Wm. Bond; second, L. J. Bennett. Walking team, any class, First, A. D. McLeod, second, K. McLyor, Saddle horse First, C. S. Lemon; second, John

Hirret. Shorthorns and grades were the only cattle exhibited, and were judged by W. J. Helliwell, Oak Lake. In the aged buil class there were four entries, Andrew Gillespie having the winner in Admiral, a low-set, thick-fleshed, smooth bull, shown in line condition. Second went to Chas Millburn's Lord Stanley 7th, but perhaps the midge would have more consistently followed the type of the first-prize animal had Thos. Tapp's Tweedside Hero been placed second. The three balls were well brought out, as was also Robert Bowes' Red Coat, except that the latter was rather thin for the showring, K. McIvor had two entries in the two-year-old class, the roan. Strathcona, being first. He is by imported Golden Measure, out of imported Donside Beauty. In the yearling class, R. L. Lang, Oak Lake, had an outstanding winner in a red bull, Goldfinder, of his own breeding, a very tidy, deep sided bull. well brought out in excellent condition. There A. Gillespie laid were six calves entered. McIvor three, and T. Tapp one, the ratter being only a few months old. Meivor had two very smooth, good-backed calves of nice quality, by hiherd bull. Stratheona, that were awarded second and third prozes, first being given to one of Gillespie's entries. Among the females there was pathing of outstanding excellence, most of the entries being shown in field condition. The awards were as follows: Cows, three years and over K. McIvor, first . A. Gillespie, second - I McIvor. third Cow and calf - k. McIvor, best T. Tapp. second. Hener, two yearsolds. Gilbertee first. Mctvor, second, Hener, searing W. D. Crang mot: Galespae, second, Hener call Mctvor must; H. Proctor, second. Buil and two of get-Tichtor second, tax and two Cidlespor, atst progers K. McIvor, best 1 McIvor, second Gillespie Open bord Gidesper Yearing head production swine was small that of it Parties are workshires. The extension of wer R. I. Land O. C. Lake; I liber Bros. Per. Melhorder and the Masterna Visiting the Wolfe and Wm Sterres James . Let They be as it asked a consider non-

Maria come are so mate a residence perche t e a shibit on this cas, (*) as right some land are a special 1 . 8. and an artificial the 150 107 4 nage J Herr t .1 Beil: the Williams II will 10,11, 1 11 11 *

Poisonous Plants in Alberta.

Mr. Willing referred to the workings of the Noxious Weeds Ordinance, and also dealt breeds with the Ordinance for the Protection of I sold Birds. He pointed out that great injury had some times resulted from a disturbance of the balance of nature by the wholesale slaughter of certain birds intended to keep in check gophers, maninsects, etc., which, when unduly numerous, make serious inroads on the products of the farm. It was pointed out that the slow-flying hawks, and the owls, with the exception of the day-flying species. are entirely beneficial and should not be destroyed. In spite of this fact, however, taxidermist shops are found full of such birds. Attention was called to the penalty for such infractions of the ordinance. Mr. Willing showed specimens of weeds which had been found the most troublesome on the farm and on the range, and discussed the nature of the various plants and the best methods of eradicating them. Those weeds of a poisonous nature which were found most frequently in Alberta were said to be the poisonous camass. the larkspur, the poison parsnip, the yellow bean, and the lupine. The last mentioned was only dangerous when the pods contained seed, but if cut at other times it made excellent food for stock. Poison camass caused the most trouble before coming into bloom, and had been very prevalent on some of the sheep ranges this season. Two species of larkspur were growing in the West, and had caused numerous deaths amongst cattle in the spring and early summer. Poison parsnip, or water hemlock, was a most deadly poison in the springtime, when cattle were apt to get the young roots in soft, wet places or along the banks of streams. The yellow bean had been a source of trouble, as children sometimes ate the flowers or the seeds from the pods, with serious results. Various other plants were more or less poisonous at certain stages of their growth, but these were of minor importance. Mr. Willing made many suggestions as to how poisoning by these plants could be avoided, and regarding the treatment of affected animals, and particularly emphasized the need which exists for the investigation of obscure causes of death amongst stock.

The speaker announced that bulletins treating of weeds and their destruction could be procured free upon application to the Department of Agriculture at Regina, and that questions asked relative to the names and nature of any plant specimens sent in would be promptly answered by the Department.

To Cut 25 Acres a Day.

Our American cousins are generally given credit for being hustlers. Here is a description of how work is got out of a binder. Can any of

our Western wheat growers beat it? The four horses to be used first are harnessed and driven to the field by one of the men before feeding or breakfast, and the cutting and binding legin. The other four horses are fed, chores done and breakfast eaten, when this team and the other two men of the force go to the field. The first man goes to his breakfast, one of the others changes the teams while the third one oils the bearings, and in about the time needed to write this half dozen lines the change has been made and the fresh team and driver are at their work, the other team being taken to the barn for morning feeding. When the first man comes back from breakfast, he brings the first team and it stands an hour and a half while the men shock the wheat. Then there is another change of teams, the binder standing still only long enough to make the change of horses. Dinner is brought to the field, and the men change off to take their meal, the machine's steady click keeping up until It is too dark to see, without anyone on the place becoming overwear, or feeling that the strain had been too severe. The two men all the time, off the machine can shock the grain well while the catting is going on. This system cuts twenty-five, seres a day with one machine.

Non-Paying Cows.

The dairy commissioners of Minnesota says that to per cent of the rows of that State do not the for their feed, and that they should be sent to the lengther as soon as possible. This is possibly true of the cows of the Dominion also The sad part of this, says the Farmers' Review. that the owners of those cows do not know at they are see paying for their feed, but keep them on the relief that they are doing somether? to necessary progress. Many a man has been act krapted by the cows he has kept. The trouble giver was no way the owner on 'd Las luce to s jame done by his cows, fill the long of one Smerthet . District real province its use is the the east orgal of hammering to the there was the heads of sect , -1

While in ordinary weather and at ordinary work the usual practice of watering working horses only three times a day may be deemed sufficient for their needs, it is more humane and. indeed, almost a necessity in the long, hot harvest days, when the 'strength and endurance of the animals is taxed to the utmost, to make provision for their refreshment between mealtimes by having water taken to the field, if it is not conveniently near, so that the horses may be given a drink in the middle of the forenoon or afternoon. A couple of barrels of water may easily be taken along on a stioneboat when the team goes to work, and this readily solves the problem of how to make the necessary provision. Men feel that they must have water to drink when needed, and their demand for it is usually acceded to without protest. Horses cannot speak for themselves, but their need in this regard may be quite as urgent as that of men, and it is economy, as well as humanity, to supply them. The horses must fail in condition if deprived of water when wanted, and, besides, they are liable to drink too much after long deprivation, and thus contract illness that may lead to their death and a serious loss to the owner. Prevention is always better and generally cheaper than cure, and in this matter to be forewarned should be to be forearmed.

Grooming the Horse.

The real benefits to be derived from careful grooming of horses are apt to be lost sight of these days, when labor is so scarce on the average farm. As a rule, the principal object aimed at is to remove the dirt and give the animal a passable general appearance as he goes out from

however, should be a mere secondary consideration: regular grooming has many other and more important advantages. It stimulates the secretive organs of the skin, tones up its muscular structures. and removes much of the soreness caused by severe exercise. Proper grooming is a process that requires practice, and, sometimes even patience, but the neglect to perform this duty to our noble friends means the encouragement of skin diseases, both parasitic and eruptive. Where horses are working steadily, the principal grooming should be done in the evening, because at that time the work is needed most, will be most effective, and the horse will after-Wards rest better

Water for Horses in the Harvest Field. Care of Mare and Foal when the Dam has to Work.

A brood mare that is not required to perform work while rearing her foal should, other things being equal, rear a better foal than one that has to work. It is claimed that it does not pay to keep a mare for the sole purpose of raising foals; and, unless she be a high-class mare, there is doubtiess a great deal of truth in the assumption. Be that as it may, the fact remains that many farmers who breed one or more mares depend upon them to do the ordinary farm work, and a few hints as to the better manner of treating such mares and foals is the object of this article. At all events, a mare should be allowed a few days' rest before parturition and at least a week after delivery. It is probably as great a strain on the physical abilities of a mare to suckle a foal as it is on those of the non-breeding animal to perform farm work. Hence, we can readily understand that when the double functions are exercised, the mare will require extra care and food. She should be given a liberal supply of easily-digested food that will produce bone and muscle and at the same time stimulate the secretion of milk. Chopped or crushed oats and bran along with good hay or grass has proved the best ration for these purposes. Provided she is doing regular work, her allowance of grain should be greater than for an animal that is not breeding. If practicable, it is good practice to feed four times daily. The colt can be taught to eat grain at a few days old, if care be taken. and while the dam will, in most cases, allow her foal to eat out of her box, it is better to feed it in a separate place, having its box fastened at such a height that it can readily reach the food. It is better to have the mare tied so that she cannot rob the foal after she has eaten her own the stable on his daily round of labor. This, ration. Finely-chopped oats is the best food for

elapse before turning her in the stall with the colt. After a time there will not be so much danger in allowing the colt to take milk under such circumstances, as he will be getting stronger and the digestive organs will have become accustomed to this treatment. Still, reasonable precautions must be continued in order to avoid digestive derangements. "WHIP."

Sir Walter Gilbey's Suggestion.

Sir Walter Gilbey, in a paper read before the Bishop Startford Farmers' Club (Eng.), suggested that the British Government should spend £259,-000, or one-fourth the cost of a first-class battleship, on an experiment which might be likely to ensure to the army a constant supply of sound horses at a reasonable cost every year. Sir Walter dismisses as impracticable the idea that the Government should here start haras. He does not believe the country would tolerate such a venture, and experience in India does not suggest that it would be specially successful when all was done. The system of registration is also dismissed as hopeless. It does not admit of expansion, because the man whose horses are worth having as remounts will not reserve them for Government use for 10s. per annum. Tramway and 'bus horses, which may be profitably reserved at this fee, are not suitable as remounts, although very suitable for gun and wagon work.

What is wanted is to make horse-breeding in this country pay. This it never will do so long as the War Office only offers £40 for an undocked five-year-old horse. The crucial thing is to devise some means whereby horses could be bought from the breeders, when three years old, for £40, and kept during the intervening period of two years until thoroughly seasoned. Sir Walter Gilbey's proposal is that the Government should establish ten horse-training depots, capable of accommodating 400 horses apiece. In these the horses would be kept, and both they and their future riders schooled for a couple of years, so that when at length they were drafted into the army, they would be thoroughly seasoned and capable of enduring any amount of fatigue. Such depots, Sir Walter says, would cost about £25,000 apiece. They would be erected at six centers in England, viz., Carlisle, York, Northampton, Shrewsbury, Salisbury, and Tonbridge; at Ayr and Inverness in Scotland; and at Kilkenny and Mullingar in Ireland.

Breeding Army Horses.

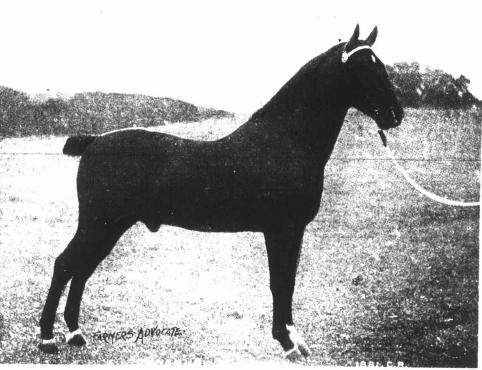
In a recent issue, the Scottish Farmer has the following to say about breeding remounts:

" Major Dent seems a sensible kind of man. He acknowledges that it is impossible for farmers to breed the kind of horses demanded by the Government for remounts at the figure offeredviz., £30 to £40 for five-year-olds. His advice is that farmers should aim at breeding first-rate hunters and harness horses, and sell their misfits to the army. But what if the army buyers won't take the misfits? That seems an eminently reasonable question. The ordinary consumption of horseflesh during a peace season is 2,000 a year, but during the recent war the consumption was as many in a week. The effort to get remounts in this country must frankly be acknowledged a failure. The officers have attended various markets, but they have rarely had anything out before them which was worth buying. best kind of horses which might make remounts are not to be had here for £30, and yet it is surely folly to trust to foreign nations to supply us with horses in time of war."

Anent Hedge Fences.

We often hear it stated that the Old Country is the place in which hedge fences thrive, and where they are looked upon as indispensable to the marking of boundaries and the confining of cattle. Such is hardly the case. The average hedge seen in Great Britain is useless as a bar to live stock, and certainly is not a thing of beauty and a joy forever. Few are cattle-proof and fewer sheep or pig proof, and in order to make them of some service in the direction required, barb wire, smooth wire and lumber have been used in large quantities. The care necessary for keeping a hedge in order is very expensive and cannot be afforded by any Manitoba farmer. INTER PRIMOS.

The combination Shorthorn sale in the new l'avilion at Hamilton, Ont., on Wednesday, August 13th, promises to be the stockmen's event of the year in Canada. Ten of the best Canadian herds will be represented. These breeders are men of probity and reputation, who are thus bringing within reach of the public a class of cattle worthy the occasion. The stockman or tarmer who desires to improve his head or lay the foundation of a new herd. Add the this safe the opportunity of a lifetime. Were the prospects for good beef cattle ever better than to day? Keep your eye on the date, and be there. Cata logues and any other information will cheerfully be furnished on application to the manager, Mr. W. D. Flatt, Hamilton, Ont.



HACKNEY STALLION, DANEBURY 4724. OWNED BY MR. A. A. HALEY, EDDLETHORPF, MALTON, FNG.

Conditions Affecting Quality of Milk.

The results of an interesting series of investigations, into the composition of milk as carried out last year at the Yorkshire College at Leeds, by Mr. Herbert Ingle, F. I. C., are summarized in an instructive manner in an article which Mr. Ingle contributes to the new volume of the Transactions of the Highland and Agricultural Society of Scotland. Mr. Ingle's researches in this matter were of a very exhaustive character, and dealt with the milk of a large number of cows. The general conclusions at which he has arrived as a result of his inquiries have been embodied in the following deductions .—

1. The percentage of fat in the milk of individual cows is hable to marked variation from time to time, from causes which are unknown

2 Warrang milk is much poorer in fat than en call, though slightly richer, in solids, not more abundant. This statement applies to conwhere the night interval is longer than The of

ercentages of iat and solids not fat in $\mu=I(t+1);$ to diminish for two or three months 2. and then steadily increase as lacta-1

tich in albuminoids seem to improve ld of milk and the proportions of but of fat, at least for a time, where larges arthohydrates, though shall of steld, appear to dimmish its quality xed morning milk of a herd has adde Gree per cent. of fat in the late. ttumn, if the milking be performed at equal intervals.

the little fellow and it is safe to allow it all it will eat. While the mare is at work, I consider it better to have the colt shut up in the stable. If it be allowed to follow the dam it will take more exercise than is desirable, and, consequently, will not thrive so well; it will also be a greater or less nuisance to the driver, and there is danger of it becoming tangled in the traces or the implement to which the dam is hitched, and thereby injuring itself. The box in which, it is fastened in the stable should be such that there is no danger of it getting into trouble in its attempts to follow the mother. The walls and door should be so high that it cannot get its fore feet over them, and there should be no holes through which it can get its head. After a few days it will remain quite contented in the stall, and if supplied with a little chop and grass will not suffer from hunger between meals. In fly time the stall should be partially darkened. the mare be a good milker, it is wise for a time after this mode of treatment is adopted for the driver to milk her a little occasionally to ease the congestion of the mammary gland, but it will not be necessary to continue this long, as the lacteal apparatus soon adapts itself to existing conditions. If the weather be cool, and the mare performing only ordinary work and not perspiring freely when taken to the stable, it is quite safe to allow the colt to suckle at once but should it be warm weather or the mare perform ing very hard week, or from any cause be quite warm, it is dangerous to allow the colt to her immediately. In case of this kind the milk be comes overheated and in very liable to cause diarrhea in the young and al. When the milk is in this state the attendant should draw a little

off and allow a few minutes, say 15 to 20, to

by T. N balance Certain

1866

111 1 11 . 111111.cm rm. It and the STHEFT. troyed shops s called e ordi-11 11111 hature rods of isonous itly in amass.

a bean, is only but if ood for tromble m zerz season ie West t cartle parsnip, oison in get the e banks

Source Howers results. oisonous Se Were plants ment of ized the obscure treating

of Agris asked cered by given

cription

procured

rany of arnessed n before binding res done he other Phe first others oils the to write ir work,)I. III()I.⁽⁾[ick from t stands hock the i teams. ough to night to ke their

up until the place

rain had

time, off

chile the

ents-five

ays that do m The Serie This ' ion also Review. or kins Farit Levela 1111- 1100 e tro die 1.11

Yorkton Fair.

The . . n of tank of Yorkton, Assa. held this year July 18th and 17th drew a large att miance of the people of the district, while the excursion trains brought in large numbers from other towns along the lane, swelling the crowd to very satisfactory proportions, and making the financial returns very gratifying to the officers and directors, who are an active and energetic set of men, and showed a real interest in carrying all the arrangements to a successful conclusion. The president, Mr. F. W. Bull, the secretarye Mr. Wm. Sampson, and his efficient staff, worked hard mi the prosecution of their onerous dutes, and but for the late arrival of the exemsion trains, which somewhat delayed and disconcerted their arrangements for the carrying out of the programme, everything passed off pleasantiy and satistactorily. The Yorkton fair ground is one of the largest and best in the West, the ground sloping gently from the entrance side, so that every part of it can be seen at a glance from the grand stand or from the ground near by The events placed on the excellent half-mile track could, therefore, be viewed over the entire circle without intervention. The people present were: for the most part, a bright, intelligent, cheerful hopeful-looking gathering, well dressed and well behaved, giving evidence of prosperous conditions and a confident belief that they have a heritage in the rich soil of the district which, wisely worked, will ensure success to those who have taken possession of it, and will make this one of the tavorite sections of Western Canada, as, indeed, it is to-day. The show of live stock was not as large as was expected or as the district is capable of making, for there are few sections in the Northwest where more good cattle are found. but the quality and condition of most of the anima's shown was of a high order, many of them being good enough to compete, with good chances of success, in any provincial exhibition. The judging in all classes of live stock was done by Mr Duncan Anderson of Rugby, Ont, who gave good satisfaction in his awards, and, in an able address on the second day of the show to an appreciative audience of farmers and sockmen, described the desirable types of animals of the various classes for profitable production and meeting the demands of present-day markets The most striking feature in the class for

heavy-draft stallions was the imported Clydesdale horse. Prince of Wales shown in his thirteenyear old form by D. Famerton, and looking as tresh as a four year old. He was brought out in time condition, though having finished a season of heavy service, no less than 120 mares having been bred to him. He combines good size, style, quality and action in his make up as it is seldom een in one horse of his class, and was greatly admired for the soundness and cleanness of his limbs, his smoothly turned form, strong cre t and square action. He was awarded the first prize in the class for draft stallions three years and over of any breed, and also the special sweep-takes brize of \$50 offered by the York Farmers' Colo nization Company for the are best calculated to produce colts possessing weight and action and suited to the needs of the Northwest farmer. The second price in the class went to a capital brown Percheron house shown by Young & Galbrach and third to a Chaic horse of excellent force and quality though sometarn's understied, shown by Ches. Short, a hor e well redealated to preduce a year special and harrisonae class of general purpose horse. In the entry to broad mates, 1500. He se over the first pare went to a mare of good is e and the norse and quadity, shown by T. W. Smith of Version Lite of Islandion Out second to John J. Smith and third to F. W. Bull. All were excellent annuals. The first prize for heavy draft team 3,000 Hs. or over went to F. W. Smith for a well materied team of strong, well formed mare, of the most distrable class for tarm work and breeding. The same exhebitor had the erst pure two year old ally, a very count on A capital yearing Clade stallion to see a fiel ', while Poster Bres. Breden it. bus now conformation d ~ a very promising and the last of the second service for Welgh the contract the fitting 21.00 wasts. Free real filters & . 1 Track of Moore

the special prizes offered by Mr. D. Fumerton for foals street by his horse. Prince of Wales, went first to J. Paarson, and second to J. J. Smith.

In the class for carriage or road horses, first place for stallions over three years was given to a useful horse shown by J. Markham. Jas. Malcolm. Jr., won first for brood mare and also for tool of 1902. Wm. Outhwaite winning second in noth sections. For the best driving team, S. J. Cabill was the winner of first award. Frank Petts being second, and H. R. Nepven third. Thos. Meredith won first money for single driver, R. C. Arnold second, and Thos. Simpson third. For the hest saddle horse, Ed. Smith won first award. For the best saddle pony, J. Markham won first and Fred Langstaff second, and Miss Lilly Mc-Grath third prize. As the best lady rider, Miss Sarah Paul was deciared the winner and Miss Lilly Sanderson second.

CATTLE - Shorthorns made the strongest showing in the cattle classes, the principal exhibitors being John Leppington, Predenbury, and F. W. Bull. Yorkton, Mr. Leppington winning first sprize and the sweepstakes prize of \$25 for the best bull of any breed, for his fine two-yearold. Royal Briten, bred by J. & W. B. Watt. Salem, Ont , sired by imported Royal Sailor and out of Matchless 17th. He is a low-set, thickdeshed, substantial animal, with strong, masculine character, a muscular neck, smooth shoulders. deep ribs and long, level quarters, and is proving an impressive sire. The first-prize helier calf and first and second prize bull calves, capital young things, full of good flesh and quality, shown by Mr. Leppington, were sired by Royal Briton, who also headed Mr. Leppington's hirst-prize herd The latter was brought out in splendid condition and included the first-prize cow. Palmerston Daisy, a cow of fine character and quality, with a strong back and a breedy appearance. The first prize for one-year-old bulls went to an excellent entry owned by F. W. Bull, fred by J. & W. Russell, Richmond Hill, Ont. sired by Golden Measure, and out of Centennial Isabelia 27th. He s a compact, level, smooth bull with a strong tack, and fine quality of skin and hair, and from his good breeding, combined with his excellent individual merit, should make an impressive sire. Mr. Bull had also the second-brize cow, which is one of good type and form, and the second-prize heifer calf. A useful Aberdeen-Angus bull shown by Porter Bros., was awarded first prize.

In grade cattle, the first prize for cow went to Geo. A. Bull and second to J. W. Chrysler, and tor the best calf, first and second to Jas. Williams, who had also the first-prize yearling and two-year-old steers

A commendable feature in the prize list was a section for the best ave export steers, in which there were nine entries, six of which were forward, constituting a capital display of thirty well-grown three-year-olds, weighing an average of 1.350 lbs. showing good breeding and type. and in fine condition, having been wintered on straw and hay and fleshed-up rapidly on the rich range pastures of the district around Yorkton The first, second and third prize pens were shown by Duncan Bros., who have a herd of some six bundred cattle, and who ship a lot of good ones out each year. These cattle speak well for the enterprise and judgment of the stocknen of the district in using pure fired bulls of good quality above pulsance is engaged in the unbroved form and feeding propensities of their offspring

In the nulch breeds, the prizes were won by derives shown by Jno J. Smith, and the first-prize grade row in this class was a good grade Jerse, shown by Mrs. V. Ashdown

PIGS A new really good Perishures were shown the first price hear over a verif, owned by John J. Smith being an extra good one of the best type, with a good head a strong, well facted backs smooth shoulders, deep sides and road legs the would compare well with the best strain of tigs leading shows in the Pominion. The same may be said of a roung boar, six applies of sions by U.W. Pull, which won test in the claim of the hear of the apparent and there exist in the round or the best type of the back. The second of a property and there exist we fix it is best type of the back. The first test in the form type Wr. Bull in the certain well to the hear type. Wr. Bull in the rest price was a very a year in the decrease of the second of the specific transfer and the second of the se

The parties defautiment Was best out to a taken out to be specified as specified as the second of the second of the second of the second out to be second out t

winner. For homomade bread, first prize went to W. D. Brown, second to F. W. Bull.

W. D. Brown, second to r. W. Bull.

The races and other special attractions were for a very creditable character and were well presented, affording very satisfactory entertainment on the whole, the Yorkton Fair was a very enjoyable affair, and if the farmers and stockment of the district will only take more into est an making the live-stock show more representative in the capabilities of that country, it may be made an excellent advertising medium and a real benefit to the people.

Carberry Fair.

The sixth annual summer fair was held in Carberry on July 15th and 16th. The weather was perfect, and the attendance during the last afternoon fair. The exhibit in the main building was very slim, and, while there were some exccelingly good anima's forward in several classes. the number was disappointing for a district fair in a section that ships out such a lot of stock The horse entries were most numerous. Thos Kelly, Brandon, judged the light horses, and A Stott, Brandon, the heavy classes, R. I. M. Power was the principal exhibitor of Thorough breds, winning first and sweepstakes for stallion on Hardlines, N. Boyd having the second-prize stallton in Golden Lake. Mr. Power exhibited the only entry in the Lackney class, the stallion, Talse Heir. In the roadster class, H. W. Brown won on stallions, Greg. Barrett's team was first and Alex. Marshall's second. Barrett also winning on single driver, with H. Glass second. Ali. Yeardle won on saddle horse, W. S. Henderson's entry being second. J. & J. C. Elmhurst, were awarded a first on coach stallion. D. Reynolds won on carriage team, and John Jackson on single carriage horse. In the Clydesdale class. two aged stallions were entered. Dr. Swenerton's Rosemont first, W. S. Henderson's entry second Henderson also had an entry in the three-year-old class. In the two-year-olds were three entries, G. B. Murphy's entry arst, W. Bailey's second. John Watts won on foal, and Rosemont was sweepstakes winner. Jas. Muir. McGregor, showed the only Shire stallion. There was good competition in the agricultural team class, H. M. Lyons, John Gibson and T. Peacock winning out in the order named Jas. Humeston won the team prize in the general-purpose class, with H. Dunten second

In the cattle classes the principal exhibit was made in Shorthorns, the well-known breeder, J G. Barron making a strong showing in this class. John Graham and George and Robert Oliver howed also in several classes animals of high individual merit and all brought out in good form: in fact, most of them were on their way to the Winnipeg Industrial. In the first section, for instance, there were five capital bulls, including three from the Fairfield Stock Farm-Topsman's Duke, Imp. Pilgrim, and Sir Arthur. out of Imp. Jenny Lind. These were placed by the judges in the order named, leaving unplaced John Graham's white Captain Jack and Robert Oliver's Champion of Montrose, also a white. In the two-year-old class there were four entries. George Oliver winning first on Strathleven's Hero, and John Graham second on Claymore 2nd. leaving Robert Oliver's white Lord Elgin, the best ball in the bunch, unplaced, and George Oliver's thick, red youngster. Bobs, also unplaced in calves. Barron won 6rst and second, with Nobleman's Heir and Topsman's Duke 3rd. Graham making the second entry, with calveonly about two months old. Barron also won trost of the prizes in the female classes, as well s herd prize, and the Pure-bred Cattle Breelers' oploma on Topsman's Duke for the best bull or the grounds Thomas Worth, Carborry, showed a Hereford cow and bull calf, fair representatives of the breed and the only ones exhibited, while Wm Adven showed a few Holsteins. There were no grades. The class was judged by F. Birdsall. Barosali, Ont., and James Leckie. Carberry.

Barosali, Ont., and James Leckie, Carberry, A few good Berkshire swine were shown by George Hope, Jr. The poultry exhibit was very good, though not large.

Farmers' Elevator Association.

The annual meeting of the Farmers' Elevator Association was held in Winnipeg on July 23rd, and was attended by delegates from almost all the Carmers' Elevator Companies in the country.

This association was organized a year ago, for the purpose of looking after the interests of femors' elevators in particular and of all grain to wers in general

It was decided to ask for certain amendments the Gram, and inspection Acts, where it was self that the interests of the farmer are not properly granded.

The offices for the year are as follows: S. Lashbrey, M. v. President: James Riddel Robebook, V. vissalent: Messrs A. Morrisov, M. v. account: Messrs A. Morrisov, M. v. account: M. Wright, Myrtle: Jas. Steward, M. Martine, J. V. Steward, M. Miller, Directors T. K. albaha, J. M. Serretati, M. Ser

1:1:

1:151

ding

63 14

fair

ork

M

ugh

llion

TRE

the

lion.

(# 17 ()

11151

111111

111

1171

Weigh

to!ds

n on

las.

ton's

mid

r-old

4. (i.

John

1 the

ition

John

order

cond

11 3.8

r. J

class

lliver

high

good

TBH

iclud-

urmthur

id bi

daced

obert

e. In

tries

A.611 .

2n-1

POTE

acon

with

3rd.

alve-

WON!

4.611

e lors

all or

h Pon

ves of

. 11 111

·e- 110

deall.

on hi

L.U.L.

mator

23rd.

all the

co. for

ats of

gratu

lment

t Was t 1965

(idde)

 $1,1,1 \ge \epsilon_{i,j}$

 $(\pm i, M, \bullet)$

Ki

The Portage Fair.

The Portage Fair, held on July 18th and 19th. being the 28th annual exhibition held by the So ciety, was favored with the best of weather, and with the beautiful grounds owned by the society on Island Park, should have been a far greater success than it was. In attendance and exhibits, it was about on a par with the previous year. but does not show signs of returning vitality. The handsome new main building was very bare of exhibits, showing that citizens take no more interest in the fair than does the country proper.

In agricultural products the entries were jew. J. J. Setter, High Bluff, won the Lake of the Woods Milling Co.'s special on Red File wheat. W. M. Stewart and Yaill Bros., of Portage, second and third, respectively. W. M. Stewart won on collection of grains, and Miss M. Cummings won on collection of grasses grown by exhibitor. In the dairy building the exhibit was also small, the principal exhibitors being John Brydon, who won two firsts; Jas. Gibb, one first: A. Low, John McKay, and H. Kirkwood, Miss Bonsfield made the only entry in cheese Yuill Bros. won a special on 50-pound tub of butter. Among the live stock, Shorthorn cattle and heavy horses made the best showing. In the Shorthorn class. Jas . Bray work on agod bulls with Scottish Canadian, the low-down, thick-set, Scotch-type bull purchased at the Lynch dispersion sale; J. A. Fraser coming second, with Golden Prospect, by Golden Robe, a large, growthy roan of different type than his successful opponent. George Lyttle, High Bluff, and Yuill Bros. won first and second, respectively, on two-yearolds. Thos. Wallace's Sir Walter, a roan of very similar type to his sire. Scottish Canadian, won. with Jas. Lytle's entry second. F. W. Brown won in the bull calf class on a good, growthy red and white son of his Lyndhurst bull, followed by a strong but not highly-fitted entry from the Oak Grove herd of Jas. Bray. The judge had some difficulty in deciding on the merits of the entries in the cow class, Jas. McKenzie's Imogen 2nd finally being placed first, T. E. Wallace's Maiden Blush, by Watt's Royal Sailor, having to be content with second place, while Brown's Gaiety V. stood third, all good cows, of the low, wide, deep sort. Brown's handsome light roan. Windermere Gem, won in the three-year-old class. followed by an entry made by Wallace. J. H. Waind, of Portage, had the winning two-year-old, K. McKenzie, Jr., coming second. In the yearling class, Wallace won first and third on Charger heifers-1st on Portage Blossom and third on Gem of Lakeside, Bray's entry, also by Charger. coming second. Wallace again won in the cali class with Manilla 4th, another Charger calf. Yui'l Bros. coming second and Brown third. In the heifers of calander year. Pray won on a particularly smooth, level entry, second and third going to Brown. Wallace won the herd prize, and Bray's Scottish Canadian the P. B. C. B. Association's diploma as champion male.

Jas. McKenzie, M. F. P., Burnside, exhibited a herd of Herefords and had no competition.

Holsteins were represented by a selection from the herd of Jas. Glennie, Longburn. Jerseys were shown by John Webster, Geo. A. Garrioch, R. H. Robertson, of Portage, and John Bray, of High Bluff, K. McKenzie, Jr., Burnside; J. H. Waind and Alex. Dow were the principal exhibitors in the grade classes.

In the sheep pens the exhibits were not num ous, F. W. Brown showing alone in Cotswolds O. W. Bailey, of High Bluff, in Shropshires and Oxfords, and K. McKenzie, Jr., in grades.

In swine, the Tamworths were noticeably in the lead in numbers, L. A. Bradley and Wm. Mc-Bride being the largest exhibitors and dividing most of the honors, Jas. Glennie and J. J. Mc Cowan also having prizewinning entries. F. W. Brown won all the prizes in Berkshires, and Win McBride in Chester Whites.

The exhibit of light horses was only fair. In the Thoroughbred class, Wm. Richardson, of Portage, won on stallion, second going to Wm. Goggius, Dauphin, Jas. McKenzie, M. P. P., won first en brood mare and also on foal. F. C. Ben nell. Winnipeg. won on Standard-bred stallion W. J. Fisher, Portage, second. Dr. Taylor, V. S. won in the single-roadster class, W. J. Mey coming second. A. Batters won on pair and J. Mc-Kay and H. Kirkwood first and second, respectively on farmers' single roadsters. In the draft and agricultural classes there were some excellent hase brought out. In Clydes lales, the syndica'e here. Prince of Eden Grove, was much admired. July Wishart and Carruth & Brown were the cond exhibitors in this class; the latter showmeg three fillies recently imported from Scotlandog, a two-year-old and a three year-old otter won first with a grand team of weighing about 3,200. Wm McCowan on agricultural teams, with Robert Mccond. Pell Bros. first and Mrs. Grant general-burpose teams, and there was a d stuff throughout the classes showing farmers of the Plains are not neglectine dang. In poultry the exhibit was only scally but the entries in consecutive

Can We Profitably Raise More Hogs? (From our Ontario and Eastern edition.)

Sir,-We believe the English market is capable of taking care of very much more Canadian bacon than is being sent there to day. You are aware that in 1890, Canada exported a little over onehalf million dollars' worth of bacon, and ten years after that about twelve million dollars' worth of bacon. Everyone will admit that this was a worderful development in such a short time. We would not be surprised to see the next ten years show equally startling results, provided the farmer raises the right kind of hog. Canadian bacon is considered by many dealers on the English market to be quite as good as Danish. and they have heretofore had to pay several shillings more per hundred for the Danish than for the Canadian. They are beginning to realize that since the Canadian is so near the Danish in quality, that they had better save these shillings and buy Canadian. Of course, the Englishman is slow, but we firmly believe that Canadian bacon is destined to shove Danish bacon off the English market to a large extent. The production of tacon in Ireland seems to be becoming less annually, and possibly in a short time need scarcely be taken into account.

In the past a large quantity of bacon has been exported to Great Britain from the States. But look how the exports of cheese from American ports has fallen off-about 50 per cent. this year and we believe the same thing will happen very shortly with bacon. In fact, the Western States have marketed over a million hogs fewer since the first of March up to the present time than they did for the same period last year. Of course, a shortage in corn partly accounts for this state of affairs, but the Americans will soon have all they

see the price of hogs to the farmer go below a paying basit. In fact, it is utterly impossible. for, as we have shown, both the home and the foreign markets for bagon are increasing every year, and we think the farmers have made a great mistake during the past two years by not going into hogs very much more than they have done, and we would strongly advise every farmer in Ontario to largely increase his output of hogs.

In the next place, we believe the supply of hogs during the past two years has been entirely insufficient, and that a very large increase would not have lowered the price below a very profitable basis. Tons of bacon might have been sent to South Africa and other points, but the business went past us Canadians simply because we had not the goods to supply the trade. The Americans, too, have been shipping in to Canada enormous quantities of bacon during the past two years, notwithstanding the high duty imposed on these goods brought into the country. We think it is really too bad that Canadians cannot take care of their own market. We pride ourselves in our broad acres, fertile soil and industrious people, and yet we allow the Antericans to come in here and feed us During the past two years there has never been near enough hogs to keep the packing-houses going. Although the supply of bogs is larger in the fall than at any other time of the year, still it has always been inadequate to the requirements of the trade.

The farmers of Ontario have improved their breeding and feeding very materially, and are to be commended for the advancement they have made along these lines. Still, there is room for improvement, and every farmer should try to furnish the hog required by the packer. During the past two years a good many of the farmers have made the mistake of holding their hogs too long, par-

> ticularly when the price is off a little then when the price was high, they have been inclined to market their hogs before they were properly This is a ous mistake. Hogs should be marketed when they are ripe, no matter what the price is, and if the farmers would always do this they would find that the average price for the year would be a satisfactory one. We favor the Yorkshire and Tamworth breeds. Farmers raising short, thick, fat hogs should get rid of them at once. The market for a long time has required hogs weighing from 160 to 200 pounds. This is the standard. and we think it is likely to remain such

for some time In conclusion, wo firmly believe that the Canadian bacon mouistry

its infancy, and is quite capable of wonderful development, and there is nothing a farmer could go into that would pay him better than the raising of hogs. It is the best way to dispose of coarse grains on the farm. and the farmer who goes at it systematically and makes a business of raising hogs has money coming in to him every month in the year. We would strongly advise every farmer to get the right breed of hogs and raise all he can take care of



W. J. FALCONER, Pres. and Gen. Mgr.

(The Palmerston Pork packing Co.)

[Fditor's Note - The official figures from the farmer. We consider a good fair average price Ontario Bureau of Industries report indicate that during the past three years the stock- of Fogs in Ontario has declined as follows 1899. 1.971,070; 1900, 1.771.611; and 1901, 1.191,885 This, too, in the face of an increasing demand for bacon, as Mr. Falconer points out, and also with an acreasing number of packing houses in On tario, of which there are now probably 18 or 20 or large capacity. For the year ending June 30th. 1901, Canada imported for home conjumption from the United States, S1,150,806 worth of jork and bacon, beside, \$115,271 vorth or land



WANDERER'S LAST (IMP.) 36129 . A superb two-year-old Shorthorn bull, contributed by Capt. T. E. Robson, Ilderton, Ont., to the great combination sale at Hamilton, August 13th. (See Gossip, page 594.)

can do to take care of their home bacon market, and their ability to supply hogs is limited. Now what we Canadians want to do is to step in and take care of this market that other people will have to give up.

If Canadian packers could buy hogs at such a price as to enable them to place the bacon on the English market at from 50 to 51 shillings, a very much larger quantity would be consumed than there is at the present time, because when bacon goes over these figures the working classes can not afford to buy bacon and are compelled to use fish or other cheaper food. The farmers can raise hogs very profitably so that bacon could be sold at these prices. We consider the present unusually high prices of hogs very injurious to the trade in England, no good to the packer, and will paid all the year 'round better for everybody con nected with the business.

Another feature that must not be lost sight of is the fact that Great Britain is rapidly increasing in population and has more people to feed every year; besides, the ability of the great mass of the English people to buy is quite remarkable when compared with what it was twenty-live cears ago.

Now, with regard to the home market, we are great believers in the development of Canada. and hope to see the population of this country doubled in a few years. There are now large quantities of bacon was speed in the lumbering and mining districts. We be eve these industries are only in their inference, and that vast crowd of people will be too ask into the country to incrouse their development. We are firmly of the opinion that it will be many years before you will

The manager of the Literational Latters, Show at Green the manager of the manager of respectator animal.

Improvement of Local Shows.

(From our Ontario and Eastern edition.)

As the time draws near for holding county and township exhibitions, a few suggestions to directors and others interested in methods of improvement should be of interest. The real and lasting benefits to be derived by any district from a good local show are too well known to need discussion. Unfortunately, however, many agricultural societies have not caught the forward movement of the times, but remain content with a system unfitted to educate or enlighten, that community of people whom they represent, and who, it may be, are unable to visit large exhibitions. In the management of local fairs, as in all other lines where financial and educational success is to be achieved, intelligent business ability must be exercised, and the men at the helm must become animated by the importance of their charge.

Of the many questions deserving the most thoughtful and serious consideration of any exhibition executive, the selection of competent and conscientious men to act as judges in the different departments is one of the most important. The decrease in the number of entries in some shows is traceable only to the employment of incompetent or unscrupulous men who grant the awards contrary to the merits of the animal or article exhibited. In Canada there is no excuse for this. Capable judges in live stock and the other leading classes can be secured at a modest outlay, such as the day's expenses, and in cases of local men, sometimes the honor associated with the duty is appreciated as sufficient. Since the singlejudge system has given such good results, the total expenditure in this connection for any local show need be but a comparatively small sum, when compared with the satisfaction to be had therefrom, and no enterprising managers will hesitate a moment in setting apart a reasonable consideration for the purpose. The main point is to secure competent, trusty judges.

In the arrangement of the different classes in the prize list and the general accommodation for live stock, improvement is greatly needed in many cases. For example, shows are known where only two classes are provided for sheep, the division being made according to length of wool. As a result, Lincoln, Cotswold and Leicester go into the ring side by side, and no effort is made either to distinguish breeds or to emphasize and encourage the breeding of pure-bred animals. Thus a great educational feature of the live-stock department is lost. In other cases, limited provision is made for the billeting of stock on the show grounds. Cattle are made to stand against a fence, without protection from sun or rain, and hogs are often not required to be unloaded from the wagons.

The different breeds should be also kept as closely together as possible, and suitable facilities provided for unloading and loading all stock conveyed in wagons. Placards should show the name of every breed, and the particular section in which each animal is being shown should be indicated by card or otherwise. It should be the special aim of fair managers to have every breeder of good stock in their county make an exhibit, and where a trophy is offered to the township or county exhibiting the greatest number of good animals, added interest will be given to the entire show.

In special attractions, various features have been suggested to displace the degenerating influence of the skirt-dance and side show. Whom it is remembered that the real function of any exhibition is to educate those who attend, and that tastes, particularly in the young, are easily cultivated in almost any direction, it behooves those who have this matter in charge to make the special features of such a character that impressions may be made, the afterthoughts of which will in themselves be elevating. For the younger people, good prizes might be given for the best collection of mounted weeds peculiar to the locality. Specimens of weed seeds could receive similar resugnition. The insects native to the county, both trouble once and miurious, could comes in ser this same consideration. The girls pright be covered at to make exhibits of flowers. while to least could be induced to bytake up a stor about coalet. Prices might be given for the peace in the new the greatest number of varieties of applications are the the especially interested in the a print and adding to, be tures must be animals supp judges are emia plan similar t Winter Fair and 1 rank and file of the

portance of using

anything else who

cost. It has also been suggested, and wikely, too, that the proper method of packing apples and preparing poultry for market might be profitably illustrated, and in dairy sections, demonstrations given or competitions conducted in buttermaking. However, each locality will do well to emphasize the special line of farming carried on therein.

Now, in conclusion, it may be said that the special features which have been mentioned will either cost too much to introduce or will not draw a crowd sufficient to make the show a financial success. This, we feel safe to say, is a mistake. Canadian people everywhere have always shown a disposition to encourage and patronize everything tending to elevate and enlighten. The sooner managers of local shows realize that a prosperous society can only be maintained by having an exhibition which encourages all that is highest and best in agriculture, the sooner will they receive from the people that patronage which they demand. We would be glad to receive by an early mail from officers or directors who have been endeavoring to make their exhibitions a greater educational as well as financial success, a short description of any features or plans which have proved valuable, and the publication of which might be helpful to others.

Bees in Manitoba.

WEAK COLONIES

As August progresses, it will become apparent that some colonies in the apiary are going to be but light when the cold weather comes. The colony that is weak at the end of August is sure to be weak to go into the cyllar. Such colon'es may be afterswarms or they may be swarms headed by old queens that have begun to fail. If the latter, it is a serious matter, for if too late in the season to procure a new queen, that colony may as well be counted out for next year. The only thing to do with such a colony is to unite it with another which has a vigorous queen, taking the precaution to remove the failing queen first, as otherwise she might prove the survivor in the struggle that would ensue, when the last tate of things would be worse than the first. The sooner uniting is done the better-after the necessity for it has become apparent. If it can be done before feeding up for winter, all the better, for then they can fasten their frames and make things snug and to their liking before winter sets in. But uniting can be most easily accomplished when the weather is so cool that the bees will not fly, but cling to the combs so that they can be transferred from one hive to the other without tosing a bee. Bring one hive up beside the other and carefully lift the combs, bees and all from one and place them in the other, leaving, if possible, a vacant comb or two or a division-board between the two families. It is best to do this on the evening, unless the weather is very cool. The next day, or whenever the warther gets warm enough to enable them to move, they will unite without any fighting or loss from the transferred bees seeking their old stand. The division board and any combs in excess of what the inited households require should then be removed

If uniting must be some in warmer weather, some attention should be given at first to see if ughting takes place. If this occurs, a few good smokings will put an end to it. Or a little very thin syrup or honey spilt down the inside of the hive at once may prevent tighting by furnishing more congenial employment.

If one's weak colonies happen to be all entersympus the case is different, and the nowesity of uniting is to say the least, questionable. These colonies all have young and vigorous queens, and it got well through the winter are pretty sure to be among the best next summer. If their wenter are quarters are right as to temperature, a small colony will, as a rule, winter as well as a large one seamed mees better. While the value of a colony next season must depend largely on the number, in Leptonecy of the workers that comes out advice at the spains, it depends even more estimative at the spains, it depends even more estimative at the convention and throughout the contents of the many of them as possible through with waiter. This more particularly is given of the rapidly grow her deep and for hers.

A good idea then would be whence the home which they few stokes to kell it is and a sufficient for all the whole of a factor with the following the transfer and the following the factor is and the following the factor is an expectation of the factor is an expectation of the factor is a factor of the factor is an expectation of the factor with a factor is an expectation of the factor with a factor is an expectation of the factor with a factor is an expectation of the factor with a factor is an expectation of the factor with a factor is an expectation of the factor with a factor is a factor in the factor in the factor is a factor in the factor in the factor in the factor is a factor in the factor in the factor in the factor is a factor in the factor in the factor in the factor is a factor in the factor in the

The States

Our Scottish Letter. THE ROYAL SHOW.

The curtain has rung down on the last of the peripatetic shows, otherwise known as the country meetings of the Royal Agricultural Society of England. There was a certain fitness in the last of the sixty-three being held in the great border town of Carlisle. It has been a friendly combat between those who in other days fought stubbornly with each other and liquidated damages by the simple process of appropriating each other's goods as opportunity offered. Three times has the Royal visited Carlisle-namely, in 1855, 1880 and 1902. Sir Jacob Wilson is one of the few survivors of the old brigade who have been present at all three. To him belongs the honor of organizing the Royal shows on the imperial lines with which this country has been long familiar. As an ideal exhibition of live stock, implements and other articles and machinery cognate to agriculture, the Royal Show has long been very hard to beat. But its very success has been its ruin as a peripatetic or migratory institution. Its exhibits demanded much greater space for their display than could be conveniently found near to any large center of population. Its carefullyplanned circuit latterly could not be followed because representative cities and towns would not undertake the cost of fitting up and laying out the site, and in the end of the day the society was compelled to face either the curtailment of its show-yard or the selection of a permanent site. The council, without consulting the membership, resolved on the latter alternative, and, in my opinion, they have made a serious mistake, alike from the standpoint of the society's own finances and the educational advantages which it was so well fitted to confor on the country. H. R. H. the Pringe Christian, K. G., a brother-in-law of the King, is president this year, and he rightly characterized the impending change as momentous. It amounts to a crisis in the fortunes of the society, and time alone will show whose judgment in the matter has been sound.

The last of the "country" meetings has not been favored with the best of weather. On the judging day (Monday) the weather auspices were of the best. The following day there was a persistent downpour of what is called Scotch mist. -not heavy, driving blasts, but a steady soaking of all things from the sky. Wednesday saw matters greatly improved. It was dry above, and a steady breeze blowing all day helped to dry up the sodden earth. But on the Wednesday evening rain again began to fall, and Thursday was one of the worst possible days for "doing" show. Rain fell in drenching showers, the clay soil became sticky and slippery, and the only folks who throve were the "bootblacks," who did a roaring trade at the exit gates. Financially, the show cannot be a success, but educationally and as an object lesson in British stock-breeding and progressive agriculture, it easily takes a foremost place. Having been at every Royal Show since 1879, except that at Derby in 1881, I do not hesitate to place the show of 1902 very near the top, and it certainly attains to the dignity of the front rank. The cattle breeds are magnificently represented, notably the Shorthorns and Galloways; Clydesdales have again demonstrated their supremacy amongst draft breeds the North of England has shown that it can still breed hunters and coaching horses; as for sheep, the general standard is high; and an expert declared, that the pigs were the finest display he had ever seen at a Royal Show A bird's-eve view of the different sections specially interesting to Canadian readers is all that can be attempted

Shorthorns have seldom been better represented at the Royal Show. The star of the Scots variety was again in the ascendant. Nothing else had much of a chance. For the third time in succession, the magnificent bull, Royal Duke 75509, was champion of the Royal Show. He is only four years old, and has been champion here in 1899, 1900 and 1402. He was also champion at the Royal, Dublin, and at the Highland two years ago, so that he has won supreme honors in all three sections of His Majesty's home dominions. He was bred at the Royal farms and continues there, although it is understood very high prices were offered for him, as a two-year-old, by the South American brigade. Not a brilliant walker and not too well colored in the head; when these things have been specified, no further objection c, b be made to this great bull. He is to be a for, the Royal hards supplying a first-prize war or in a large class of yearling heifers with ces of his gets. Another Royal herds bull, Pride ed Vollynie 75218, from Sandringham, was third. the was bred by Mr. Wm. Duthie, and passed through the incident flat "crack" stock-breeder at a ther. Mr. Jacks Dumo, Jackstown, Rothieman, to Seed agham. Mr. Bell. Ratcheigh. back, a Nest or berland farmer, had the honor disiding the te Royal, bulls with his Baron Althorsford 76087 whose dam was a Collynde

cow. Another tenant farmer, Mr. John Handley, Greenhead, Milnthorpe, who owns fine cattle in Westmoreland, was first in the two-year-old class with Pearl King 79531, a fine roan, bred in Lancashire, and you don't want to see a better. His follower was Mr. J. Deane Willis' white bull, C. I. V., a typical "Scots" Shorthorn, very neat. compact and level as far as he goes, but, unfortunately, that is not very far, as there is comparatively little of him. Still, two English judges at the Royal Counties Show at Reading actually thought him good enough to beat Royal Duke. Mr. Deane Willis has a grand herd of genuine Cruickshank cattle down in Wilts, and he led the yearling bull class with Bapton Florist, a lovely roan, the second being Mr. Bell's Baron Ratcheugh, a son of his second-prize old bull. The champion of the females was a lovely twoyear-old heifer, Flora VI., owned by Mr. George Harrison, Gainford Hall, Darlington, who is very nearly if not quite the best Shorthorn judge in England. This heifer was calved to Mr. Naylor, down in Welshpool, but she is an out-and-out Scot. Mr. Naylor purchased her dam, Flora IV., at the Auchronie sale in Aberdeenshire, carrying this heifer, whose sire was the Uppermill bull, Easter Gift, by Wanderer. There was no challenge of the judgment which gave this heifer supreme honors. Her stiffest opponent was the first-prize cow in milk, Lord Calthorpe's Warrior Queen, a roan five-year-old which, as a yearling heifer, in the hands of her breeder, Captain Duncombe, created a sensation. She fell off a little after that, but makes a gem of a cow. Her hardest opponent again in the class was Mr. Deane Willis' beautiful four-year-old, White Heather, bred in Aberdeenshire, by Mr. J. B. Manson. Kilblean, and female champion at the Royal in 1901. Yet another north country heifer led the threeyear-old class-viz., Mr. Henry Dudding's Hawthorn Blossom X., bred by Messrs. Law, Main's of Sanquhar, Forres, and a level, true animal. Lest anyone should suppose that patriotism had something to do with these victories for north country bred cattle. it is to be observed that they are all owned in England, and the judges were both Englishmen—wiz., Messrs. Robert Wright, Nocton Heath, Lincoln, and Geo. J. Bell, Standingstone, Wigtown, Cumberland.

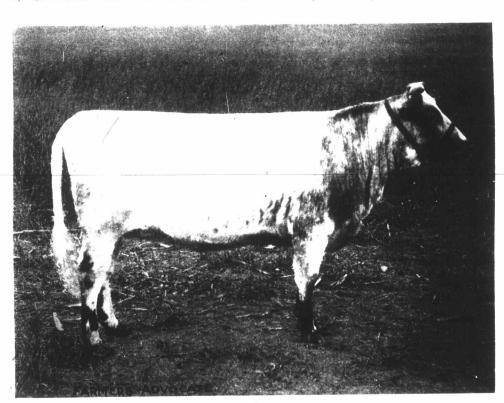
Lincoln Reds are a Shorthorn variety for which a good word must be said. They are preserved in Lincolnshire, are of a deep red color, good milkers, and prime grazing cattle. At Carlisle they made an effective exhibit, the Messrs. Chatterton's big four-year-old bull, Walmsgate Mate II. 1722, from Stenigot, being well worth

going some distance to see.

After the Shorthorns, in point of excellence as a breed exhibit, came the Galloways. They were not quite as well judged as the red, white and roans, but the champions were right. The bull, Mr. David Brown's Campfollower of Stepford 7476, has never been beaten. He was bred by his owner at Lower Stepford, Dunscore, and is one of the levelest bulls ever seen of any breed. His uniformity is something well worth going a long distance to see, and it is a great credit to a small tenant farmer to have bred such an animal. Mr. Andrew Montgomery, of Netherhall, had the reserve champion bull in the yearling. Scottish Chief 3rd of Castlemilk 8054, and the champion female in the two-year-old heifer, Lady Pouglas of Kilquhanity 16657. This is a lovely animal, level in flesh and outline, and one of the kind you always want to see as well as read about. Some "cracking" good cows were exhibited by Messrs, Biggar & Sons, Chapelton, Dalbeattie, and Mr. Robert Wilson, Kilquhanity, Dalbeattie, who bred the champion female. Sir Robert Jardine of Castlemilk, Bart., both bred and owned some of the best in the yard, and Major Wedderburn-Maxwell, of Glenlair, exhibited quite a number of high-class specimens. Aberdeen-Angus cattle will be seen to much better advantage on their native heath next week, but the exhibit at Carlisle was more than creditable. The breed champion was Mr. J. J. Cridlau's Elate 16513, a three-year-old bull which last year was reserve. He is an exceptionally wellbred specimen, and takes a deal of beating in the best of company. Needless to say, he is an outand-out Frica, and has all the quality and symmetry for which that race is famed. Lord Strathmore Clauds Castle, Forfar, was showing some choice letters his first-prize yearling standing reserve for champion honors. The King had the Tow all the way from Abergeldie Mains. first-1 Ayrshires were worthily represented. Ball fancier, Mr. Robert Wilson, Man-1 1100 ce of Weir, leading with a pair of 11.1.11. right stamp for the dairy. Mr. James ouse. Kilmarnock, had forward his Hon Not Likely, which again won; and Mitchell, Barcheskie, Kirkcudbright. Mr

 $\mathcal{P}_{13}\mathcal{W}$ rst-prize winner. ~ are bred in Cumberland to some seldom has the commercial value of on better demonstrated than at this classes for agricultural horses Hed hin th the produce of Clydesdate sires Spin e mares of the northern costs of my of them are sufficiently well hard determined to take . F_{n} . registration in the Clydesdale soud. Our young and a of them showed the value of the Lui

Clydesdale stallion as a draft horse sire. The most successful sires in this department were Lord Lothian 5998, a horse which has been of incalculable benefit to Cumberland: the Seaham stud horse, Lord Stewart 10081, and a capital breeding horse named Royal Champion 8056. In the open draft-horse competition on the Thursday, pairs of Clydesdale goldings or mares competed against pairs of Shires, the judges being Captain Heaton, Worsley, the manager of Lord Ellesmere's great Shire stud, and Mr. John Mc-Caig, Challoch, Strangaer, the breeder of the famous Clydesdale sire. Prince of Carruchan 8151. In the class for pairs, Mr. Wm. Clark, Netherlea, was first with the Clydesdale geldings, Perfection and Bay Champion, the former never beaten and by the champion Royal Gartly 9814. and the latter by Royal Reward. A Leeds firm of contractors was second with a pair-a gelding and a mare-by Lord Lothian 5998; and a Shire pair of big chestnut geldings was third. In the class for single geldings, before the same judges, Clydesdales were again first and second, and a Shire third. In the breeding classes for horses and mares bred on studbook lines, and conforming to pedigree rules, there was a fine show; but generally, so far as sires were concerned, it was very much a case of Baron's Pride 9121 first, and the rest nowhere. This was not the case absolutely. The championship went to the first yearling colt, Mertoun, bred by Lord Polwarth, and owned by Messrs. A. & W. Montgomery. He was got by the Macgregor sire, McRaith 10229, and was first at Castle-Douglas and Ayr. In the three-year-old class, the Seaham Stud Company (Ltd.) led with their fine. handsome horse. Silver Cup 11184, a son of Baron's Pride: the second being Messrs. Montgomery's Royal Baron 11161, by the same sire. This is a reversal of the Ayr



ROAN QUEEN 47454 A beautiful heifer entered by Capt. T. E. Robson for the Shorthorn sale, on August 13th, at

award, but was generally approved. In the twoyear-old class, the Me-srs Montgomery were first with King's Crest 11385, the winner at Edinburgh and a very thick, "chunky" horse, which already been hired for 1903. Mr. A. B. Matthews had second in this class, and another good one in the class was also owned by him. Amongst the mares and fillies, by far the most successful exhibitor was Mr. Thomas Smith. Blacon Point, Chester He showed the fine old mare, Royal Rose 12494, in the brood mare class, taking second prize with her. Her daughter, Lady Primrose, by Prince Pleasing 10259, a fine big upstanding black mare, was second in the three-year-old class, and another daughter, Royal Ruby, was first in the two-year old class, as at Ayr, and champion female here as she was there. Mr. Smith had first in the broad mare class with Codric Princess; and Mr. St Clair Cunningham, Hedderwickhill, Dunbar, first in the three-year-old class with White Heather, the winner at Ayr and Edinburgh, and reserve champion at both places. as she was here. Both are like Royal Ruby, Baron's Pride: and the third three-year old filly and second and third two year old fillies were by the same sire. The first yearling filly is an upstanding quality filly from the Seaham Stud, got by Lord Stewart, and the second was from Mr Pilkington's stud, and got by Baron's Pride, out of the 1,000-gs, ventlas all., Queen of the Role SCOTLAND YET

New that for his test of from the los shows and the talker i Service Leat There dece What the large less of the

August Gardening.

If the weeds have been kept well in check during July, very little trouble with them will be experienced now, as the first crop being destroyed before seeding, the annual weeds cannot flourish, and outside of such perennial pests as chickweed or pusley, plantain and couch grass, which sprout from the root, there is little trouble, the crops should now be luxuriant and very little space for weeds left except between the rows, where they can be kept in check with little labor. water can be secured, watering should not be neglected in dry spells, as it pays better than anything, except continuous cultivation, during August. It should be done in the evening if possible, as if put on in midday it rapidly evaporates, and, besides, is liable either to scald or chill the plant. If the soil is stirred or cultivated soon after, a mulch is formed by the particles of soil, preventing the rise of the water to the surface and holding it for the use of the plant. Where watering is referred to in these articles, it means a good soaking or pouring. A sprinkling, unless on some flowers, will do more harm than good, as the drops of water on the leaves attract the sun and scald and spot the plants to a great extent. By taking the sprinkler off the watering-can and placing the spout of the can near the root of the plant to be watered, watering can be very quickly done, as fast as a man can walk in most cases. Cucumbers, squash and cabbage pay best for watering, but tomatoes, although giving an immense crop, are rendered late in ripening, as heat is their great requirement.

Beans and peas need little care other than the removal of large weeds and shallow cultivation. The pods should be picked as soon as of eatable

size, as if left later they get tough and stringy, and in the case of the wax beans ar, liable to rust and destroy both pod and beaut There is a remedy for bean-rust in Pordeaux mixture. as is used to destroy scab on apples, but as this is highly poisonous, it should not be applied after the pods begin to form. The pea louse. or aphis, is a serious pest this month, and is about the hardest to fight or exterminate. If the first arrivals are sprayed with kerosene emulsion or tobacco water, there is seldom trouble, but if not attended to they multiply with great rapidity, and if vines are sprayed the foliage is destroyed as well as the aphis. The only remedy appoars to be to brush them off the vines with small branches and then cultivate

before they can get a chance to get back again

Beets, parsnips and most other root crops are immune from insect pests, and thorough cultivation, resulting in the destruction of weeds and the conservation of moisture, is all that need be done to secure a good crop. The carrot-rust fly, which deposits its eggs in the soil around carrots, the maggot afterwards burrowing, into and destroying the root, can be prevented to a great extent by liming. Some dry, powdered lime prinkled along the rows and worked in the first half of the month, I have found to be a good remedy; but this pest is not widespread, and, taling it all together, root vegetables require

little attention.

Cabbage, cauliflower, etc., need to be kept $\boldsymbol{c} u \boldsymbol{l}$ tivated not too deeply so as it might injure the roots ' If the large green worm appears, the may be sprayed with diluted Paris green or hellebore, but after they begin to head, handpicking is the only remedy. Poison applied while, the head is forming is a dangerous practice. Cocombers need to be picked as fast as formed, or the vines will soon stop bearing. Frequent watering will make the fruit more uniform and keep them from becoming bitter, as they are very hable to do in hot weather. Unless the tomathes Earse hard some support given them ghoing the prey or month they should be field up and the me fruit kept off the ground. If the swampel the right help of the ground. In the ground wall be done, a shapele placed on the ground of a cach large cluster; or one a substitute and will prevent guch local or district and relative to the property. If they are very back good is fruit seen to get the men I that come over them with a tagging and with a more all the inconstitution and a large to the declaration and the beautiful local or the manual transfer beautiful. were, hat a great injury resent. The sum thus

grilard n as exdisto Illy-Lenot out iety site. hip,

the

un

v of

last.

der

bat

orn-

the

er's

has

880

few

res-

of

ines

iar.

nts

like nces Η. v oi htly nens of hose not the were

per-

nist. king natnd a ning ttle clay only who ally, ally ding es a oval

881, very the ds still ieep, dey he s-eve ting pted

epre-

cots

else suc-509, only in n at ears all ons. nues rices the ilker hese ction

ride hird. essed eeder thie- igh. 01101 aron lymic

be a

prize

with

Where towatees for pickling or chowchow are wanted, late plants set out where early potatoes have been taken from, and kept watered, will give immerse quantities of green fruit, especially if the ground is very rich and shaded. Late potatoes and corn need to be hilled during the month, but not high, the advantage in the case of potatoes to prevent the exposure of the stalk and roots to the sun, and of corn to steady the plant so that the wind will not have such an effect on it. Shallow cultivation or undertillage is now depended upon almost exclusively for the benefit

hilling.

The fruit portion of the garden after the berries are gathered needs very little care till fall unless to keep down insect pests and promote tipening of the wood for the following season FDGAR MACKINLAY.

that formerly was thought only possible by

South Africa Needs Pure-bred Stock.

Now that peace has been restored and the agricultural lands of South Africa are once more to come under the plow, it is more than probable that a demand will come from that direction for pure-bred breeding stock. The official journal of the Cape Department of Agriculture states that there is no doubt that an opportunity to get possession of cattle of first-class breeding would be eagerly seized by many stock-breeders, and that if high-priced animals of good pedigree were landed at Cape Town. Port Elizabeth, or East London, many farmers would willingly take the trip and pay the price. Should a trade in pure blood be developed with the new colonies, the present high prices of pedigreed stock may be expected to continue for some time.

The Ontario Hog Census.

It is interesting to note, by the tabulated returns of the Ontario Bureau of Industries, the number of hogs reported from the various counties. On July 1st of a recent year, all told there were 1,771,641 hogs reported in 48 counties. The lowest was Nipissing, with 1,797, and the highest was Kent. The twelve counties having the greatest hog population were as follows:

Kent		145,749
Essex.		95,073
Simeoc.		. 94,446
Middlesex		78,131
Wellington.		74,301
Huron		72,925
Grey		71.468
Elgin .		70.314
Oxford		66.148
York		61.874
Perth.		59,634
Rence		58,810

Dilution Cream-Raising.

In Germany one of those hydraulic or dilution "separators," which have so frequently been exposed in the "Farmer's Advocate," was tested by Or. Klein, with the result that in 25 trials the skim milk tested from .52 to 1.25 per cent. of fat. Most of the best hand separators do not leave more than .15, and often less. The use of these so-called "separators" lose from .37 to 1.1 lbs. of butter-fat for every hundred pounds of set." The average loss was .59 or .44 more than with the hand separators, and this means with an average cow giving 4,000 lbs of milk, an annual loss of 17.6 lbs. of butter-fat. which, at 18 cents per pound, means a loss of 83.16 per cow. One of the alleged separators which the "Farmer's Advocate" bad tested at the Toronto Exhibition, in 1900, acfually showed a loss of one quarter of the fat in

Individual Value of Dairy Cows.

At the Illinois Experiment Station a record of the food consumed and the milk and butter fat produced by two ordinary looking dairy cows has been kept for the past year. They were fed the same ration and treated afike in every respect. One consumed 6,178 lbs digestible dry matter and produced 11,329 lbs milk and 565 lbs butter; the other consumed 6,189 lbs dry matter), and produced 7,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs butter (c), because 17,759 lbs, milk and 200 lbs, butter (c), because 17,759 lbs, milk and 200 lbs, butter (c), because 17,759 lbs, milk and 200 lbs, butter (c), because 17,759 lbs, milk and 200 lbs, butter (c), because 17,759 lbs, milk and 200 lbs, butter (c), because 17,759 lbs, milk and 200 lbs, butter (c), because 17,759 lbs, milk and 200 lbs, butter (c), because 17,759 lbs, milk and 200 lbs, butter (c), because 17,759 lbs, milk and 200 lbs, butter (c), because 17,759 lbs, milk and 200 lbs, butter (c), because 17,759 lbs, milk and 200 lbs, butter (c), because 17,759 lbs, butter (c), because 17,759 lbs, because 17,759 lbs, butter (c), because 17,759 lbs, because 17,759 lbs, because 17,759 l

Military to a large.

Property of the first of the fi

Culture of Fall Wheat in Central Alberta.

I have noticed from time to time remarks in the "Farmer's Advocate" as to the culture of all wheat in Alberta, and it has occurred to me anat perhaps the result of my own observations for the last three seasons may be of interest not emiy to "Advocate" readers, but to all those who are watching the development of Alberta. Among the points I have noticed during my periodical round as Meed Inspector for Central Alberta have been the conditions under which fall wheat has succeeded or failed in my district (Lacombe, Red Beer and Innisfail), and it seems to me that failure or success depends greatly on (1) the aspect, (2) date of seeding, and (3) depth of drill, and not so much on the character of the winter, for the last winter was lacking in snow. A gentle slope, to the west or north-west (one which will not get the direct rays of the winter sun) appears to be the best situation. Of 20 men who are growing fall wheat in my district, one put his crop in in a field sloping due south, and the result was that such snow as fell soon melted. Wnether through want of protection, or some other cause his crop, which had secured a good growth by winter, was entirely winterkilled, not a blade surviving. The majority of the others sowed on western or north-western aspects, and one or two on absolutely level land, and all their wheat, with three exceptions, not only wintered well but stood the abnormal rainfall of May and June unharmed. The three exceptions were clearly not traceable to the site chosen, because neighbors in precisely the same positions were successful. In the first of these three cases, the grain was put in at different depths, and the shallow-drilled seed, though sprouting with the rest, did not survive the winter. In the second case, too many heavy cattle were, I think, allowed to roam on the field, and by approoting and hoofing much of it, only about a remmant of the crop survived, but that remnant is doing well. In the third case, the grain was put in on September 27th and October 1st. and though sprouting an inch or so before winter and a portion actually surviving the winter, the bulk perished. Aspect, therefore, seems to be a great feature to be regarded.

Equally or even more to be considered is the date for seeding. Farmers east of Red Deer advocate seeding between July 15th and August 1st and the crops of those who so seeded are certainly looking extremely well, and, notwithstandmg our backward season, some was heading out en June 20th. One or two seeded en August 15th, but though at first glance there did not seem much difference, if any, between the stage of growth of the crops from that seeding and those of the July seeding, it seemed to me that the July seeding produced the heaviest crop. In both cases the variety sown was the Kansas Red. One farmer seeded on September 1st and 7th, and, thanks to an unusually open fall, during which egetatian continued till late, he secured a good growth before frost, cut it down and has succossfully wintered the crop. That these late dates are somewhat risty may be in erred from the fact that this crop is very irregular, part heading out on June 20th and part only six inches high.

One characteristic peculiar to fall wheat it well replace to remind those of the "Advacate" readers who contemplate trying it for the best time, is that as it is sown by, at any rate not later than the first week in August, and is not harvested till say August 10th of the following year, they should lay in a stock of seed. nough cloused in good granaries; to carry them through next year's seeding also. On this account it is to be feared that many will this year Le unable to continue their fall wheat unless they can get the seed from outside sources, as they completed to secure sufficient last year from the C. P. R. for two seedings. A costly experiment no order to try whether it was possible to seed the same year from the current harvest was underly one of the growers in my district. For nove veres he has grown fall wheat and harkened without a fadure on 10th to 15th August last fall he run sequendrat earlier, with the result that the grain was not properly mature and because totally runned for seed. Fortunately, be had seef some and send which he put in, and has now,

With regard to depth of drill especies computed how that the seed should be defined in use deeply as the drill can be set as host of each to their these in hes

How I need of wheat are tolent put is a district "" a told most in fact a set of the region of the resident intermed to a set of the region of

May again

There is no doubt that the successful winessing by so many farmers of fall wheat, coupled with the many advantages—e. g., fields clean of weeds, a time of comparative leisure for seeding an early harvest (before frost or snow)—will adduce many more men to try.

Alta: PERCY B. GREGSON

Judging in the Ring.

BY PROF. J. J. FERGUSON, MICHIGAN AGRICULTURAL COLLEGE.

With few exceptions, stockmen are agreed that the competition and friendly rivalry engendered through the medium of the show-ring is one of the most potent factors in the development and advancement of the interests of pure-bred live stock. During the past five years more than ever have stockmen and farmers been looking to the same source for positive information and education as to what was correct in form and type in the different breeds represented. Few of our judges realize to the full the responsibility thus resting upon them. In the case of our larger shows this responsibility becomes something more than that forbidding the giving of false impressions and ideals to the onlooker; it means much in the way of dollars and cents to the exhibitors. and also more to them in that the ring is the final tribunal which shall approve or condemn the result of long years, perhaps, of careful work. Hence, to be thoroughly competent to do the work of an expert judge, a man must have a close and thorough knowledge of what has been and is the correct ideal of the particular class of animals with which he has to deal. With some of our breeds there is even yet a considerable legitimate latitude through which a judge may range. It seems to us that the commercial mart is the final test of an animal's worth for any specific purpose, and whether that mart be the pure-bred sale-ring or the stock-yards pen, the man placing awards should be guided largely by what is most in demand from those centers. Over and above all this there will come in the indefinite something we term quality, which will vary as breeds themselves vary. Quality is clearly something you cannot measure in cold type. Often we find two animals practically alike in general conformation, but one possesses this indefinable some thing which the other lacks. Ring reporters try to voice it when they speak of "an aristocratic bull," "a matronly cow," or "a sweet, winsome heifer." We believe, and we say it with all due respect, that a large percentage of the men who officiate in the ring are seriously deficient in a proper conception of the finer points of breed quality

USE OF SCORE-CARDS.

The time is past, if, indeed, it ever existed, when men claimed to be able to enter the ring and do good comparative work by means of these. The poultry show is the only place where we find them in use to-day. In college work we use score cards to acquaint our students with detailed points of conformation, but we always tell the men that score-card work alone can never make skilled expert judges. If it were for no other reason, they are too slow. Think of a man working over a ring of 35 yearling Shorthorn heifers, score-card in hand. Such a one would need the supplementary service of an expert accountant.

The following were drawn up for the benefit of our graduating class, many of whom-will shortly be called upon to do ring work at their local fairs. They are given with the hope that they may be helpful to the judge starting work for perhaps the first time.

1. Have confidence in your own powers.

2. Concentrate your thoughts on the breed and treed type of the animals you are working upon.
3. Do not hurry. Take time to decide. Have done so, stick to it. "Be sure you are right.

then go ahead."

1. If possible, watch the class as it comes into the ring. There is often something about the style and carriage of the winner which marks him

out as he walks.

5. Take a minute to look over the line from as near the center as possible in order to get a general idea on conformation.

6. Then pass slowly clear around the ring, inspecting each animal from front and rear.
7. Never be satisfied without using your hand addition to your eyes. Appearances are often

descritful.

S In handling, always work from front to rear. With cattle, work on the right side, ap

proaching the annual from behind.

9. First pick out the winner of the class then use it as your standard in placing second and third

and third

10. When there is placed, briefly sum up its
strong points.
11. Look for characteristics and most common

local defects 12 Pay no contion to either the men with the or the creat around you. Your business a to the the animals 111 ...

11

LEGS

that

dered

10 01

t and

live

ever

the

duca-

he m

OUL

thus

arger

IIIOI'e:

pres-

mych

itors.

s the

in the

work.

o the

re a

been

ass of

me of

legiti-

ange.

s the

pecific

e-bred

acing

most

above

some-

reeds

thing

e find

onfor

some

cratic

nsome

who

in a

breed

isteld,

ring

these

e find

score

tailed

l the

make

other

work eifers.

the

efit of

ortly

local

c for

d and

upon.

Hav-

right.

into the

s him

from

get a

g, in

hand

often

t to

. ap

lass

econd

) its

111101

11.11.

59 1

ant.

Sheep at the Royal Show.

For variety of breed, number of entries, and individual merit, the Carlisle Royal Show, with its sixty-five classes of sixteen breeds and five hundred and forty-five entries, will take rank amongst the records for high quality, typical character and merit.

The Oxford Downs, with an entry of forty-three, took first place in the schedule, whose order we follow throughout. At the top of the old ram class and also in the yearling ram class, Mr. T. F. Hobbs had a couple of nobie, symmetrical rams, whose good couformation and typical flesh made them most excellent specimens of their breed. The winning two-shear ram goes to your country. The same breeder won second honors, which would have been more correctly placed head. Mr. John Treadwell's grand ram, of the finest quality, secured the honors. Mr. A. Brassey led the way in the yearling ewe, ram lamb and ewe lamb classes, and also took second honors for yearling rams. The winning sheep from this flock, notably the ewes, were of real good merit and quality. Mr. R. W. Hobbs, whose yearling ram was third and the ewes from the same flack occupied the same place in their class, exhibits sheep of that fine merit and typical character that shows his to be a flock from whence sheep of the right sort can be obtained. Both the ram and ewes are, we understood, coming to the States, where they will assuredly take high places. Mr. T. T. Hobbs' second-prize ewes, ram lambs and ewe lambs displayed fine conformation, capital flesh and great substance, which would make them most desirable additions to any flock, no matter how good. Amongst other noticeable flocks was that of Mr. II. W. Stilgoe, who was strongly represented in the lamb classes. The Shropshires made, as is usual, the largest entry, seventy-eight being the number present. This breed was in grand shape and its entries of very high merit. Messrs. Evans won for old rams with a capital animal and Mr. R. P. Cooper being second, but in the notable class of yearling rams Mr Cooper led the way with one whose grand type and conformation rendered him a most valuable sheep, though Mrs. Barrs, who came in for next honors, ran him very close with a most typical ram of grand fleece, flesh and skin. A ram greatly noticed was Mr. W. F. Inge's third-prize sheep, whose grand flesh and fine type made him a valuable ram. Mr. B. Wall was r. n. with a ram who went to a home breeder at \$500, and quite a large number of others were accorded places in the award list. Pens of five were another strong class. Mrs. M. Barrs, who won here. clearly showed how valuable and grand a lot of rams they have this year by the specially fine lot which secured this notable honor. Sir P. A. Munty, Bart, M. P., came in second with a typical, good-coated and well-matched pen. Mr. Inge's third winners were of notable merit; and the r. n., secured by Mr. John Harding, went to a pen of sound constitution and typical character. Again, in the ram lambs, Mrs. M. Barrs headed the list with a beautifully matched pen, Mr. D. Buttar, from Scotland, coming in for second honors with a pen of the greatest promise, and the r. n. went to Mr. B. Wall. Sir P. A. Munty, Bart., led in the ewes with a notable pen, alike good in fleece, flesh and type. Second honors were given to g wide, deep and typical pen of Mr. W. F. Inge's, which will, like Mr. R. P. Cooper's grand, wide and deep-flesh pen who came third, be seen on your side of the herring pond next fall. The wonderfully true and typical pen of lambs that won for Mr. W. F. Inge were fully deserving of their honor, whilst Mr. J. Harding's, the second winners, were as good a pen as we have seen from this flock for many B. Wall once again, with a fine, well-brought-out pen. just failed to reach the cash award.

The Southdown entry of sixty-seven enabled this breed to display to its fullest extent its merit as a mutton producer. The rotund and symmetrical formation of these grand sheep was greatly admired by all who saw them. Mr. C. Adeane led in the old ram class with one of noticeable merit, Mr. J. Colman's second winner displaying rather better type and character and equally good flesh, the Earl of Cadogan being r. n. The yearing rams were led by a grand sheep from Col. McCalmont's excellent flock, and he won the champion honors of its breed, a position leis merit and quality fully entitled him to Mr. C. Adeane came next with one who was champion at the Royal Counties Show. He comes to Canada. where, we have little doubt, he will secure just appreciation of his merit. Mr. E. Ellis gets thard, with a ram of fine quality but small. Col. McCalmont came in for r. n. The ram lamb class was led by Mr. C. Adeane's well-matched trio, but we preferred the type and character displayed by Col. McCalmont's pen who were second. The Earl of Ellesmere's welltion, hardly a good match, one being better than the other two, came in for r. n. Col. McCalmont again led the way in the ewe class with a very notable seen, wide and deep in carcass, but in thin flesh A sost typical pen from Mr. J. Colman's flock secured the second award, while a pen rather less over-si part of the grandest character, from the Turbor Co., came in for third honors, with ... Cadogan's pen r n. Adeane went to the e ewe lamb class. No less than first are ands were given him for dix the fire and

T. Col McCalmant being r 1 harden on usual but the forty-nine that were

present did the breed credit as mutton producers of the highest type. Mr. James Flower won both champion prizes-i. e., those for males and femalesas swell as first honors for two-shear rams. These sheep were of that character that few can equal and none excel. Sir J. B. Maple came second for old rams, and Mr. C. A. Scott-Murray second and third for yearling ram, with two sheep that are notably fine specimens of their breed. As before remarked, Mr. James Flower won the female champion prize, this being done with one of the most typical and best pens of ewes we have seen for many a day. His second pen won second honors. Mr. Carey Coles led in the ram lamb class, and the Earl of Carnaryon's pen in the ewe lamb class-an unbeaten pen of the finest merit. Twenty-three entries made a most creditable showing of this breed, Mr. H. E. Smith winning the champion prize, and Major Baird with

The Lincolns were hardly so strong as in more recent years, but some grand specimens were included in their classes, notably the two-shear rain that won first and champion honors for Mr. Tom Casswell, the yearling rams and ewes that took first honors for Messrs. Wright, and the ram and ewe lambs that so decidedly led the way and won so easily for Mr. Henry Dudding, whose flock is supplying a large contingent for your country of most typical sheep. The thirty-two entries of Leicester sheep made a notable entry in respect to merit and conformation, and the winners of Mr. G. Harrison, who won in each class save where Mr. E. F. Jordan came in for premier honors, are of the highest merit and most typical

Messrs. T. Goodchild and R. Sherwood sharing the

leading honors.

Cotswolds made a very excellent entry, Messrs. W. T. Garne and W. Houlton being the principal winners, though in the ewe and lamb classes Mr. Swanwick came Increasing Butter-fat in Milk.

Can the percentage of butter-fat in cow's milk be increased by feeding, and as it increases in quantity will it also increase in quality.

JOHN FARISH.

Ans.-With a view to settling this question, experiments have been conducted in nearly every country in the world where dairying is carried on, and the consensus of opinion to-day is that the quality of the feed has little or no effect upon the percentage of fat in milk. Any variations to be found are, therefore, traceable either to the inherent powers of the animal to give rich or poor milk or to the length of time since the milking period began. Dairymen who wish to improve the capacity of their herd to give rich milk, must look to breeding rather than feeding for

Cross-breds as Milkers.

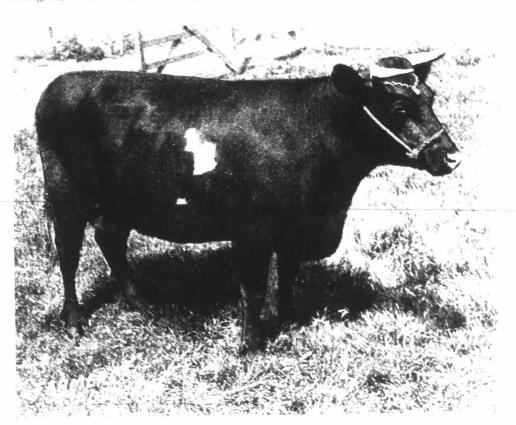
THE JERSEY-SHORTHORN.

A writer in the Farmer and Stock-breeder, of London. England, writing on the above subject. 'Tis strange, but a fact, that the most copious milkers are found among crosses, and, singularly enough, a strain between a middling milking breed and a good one may give very profitable animals. The most valuable all-round milking cows I have ever bred have been produced by mating Jersey bulls with Shorthorn This excellent cross is not nearly sufficiently known. There appears to be more mingling of the blood in the South Midlands and in Cornwall, though, than anywhere else. Along the southern counties most dairy folks appear to use

one or two pure Channel Island cows in the herds to improve the whole tale of milk, or else give the main herd just a light strain of the blood. But I have proved over and over again that in crossing for milk it is the better plan to make a clean cross, as then you know what you are doing; otherwise, you do not. And it is only where such ab solute crosses are made that I will guarantee happy results.

"On a typical Shorthorn Jersey dairy cow you get the following sterling qualities: She is sure to be an early breeder, a deep milker, and pretty sure to give milk of more than average quality, al though not, perhaps, so good as the purebred cattle of the sumny isles. She will be, as a rule, healthy, hearty, and tolerably

severe winters. Further, she will be docile and free from that troublesome habit of kicking, which reaches a vice in some breeds, and which causes the milkman to lose his temper and abuse his charges. Such disturbances never ought to occur among dairy cows, where gentleness and kindness is not only so greatly appreciated, but well repaid. Then the cross-bred under discussion holds up her flow of milk for a prolonged period, filling the pail most of the time, for she milks deeper than any pure-bred, and yet she soon picks up condition when dried off, even in the few weeks' rest she gets and so well deserves. Her milk is good for either cheese or butter making She is notoriously a free breeder, as well as an early one, as I have said, seldom going barren so as to lose time; this counts for a good deal Lastly, she makes a substantial sum when her days of milking have terminated, for she sells readily to the neighboring grazier, or she may be fattened up for the butcher by the dairyman to make a good carcass, and is not long about it She has, however, two drawbacks. She is not quite the sort to breed progeny for rearing for beef making, although she may throw some good dairy stock; and she always is just a little more ubject to milk fever than some sorts of cows but this is the case with nearly all free milkers."



NONPAREIL OF LAKEVIEW 3RD.

A grand contribution by Mr. W. D. Flatt to the combination Shorthorn sale in Hamilton. Ont., on August 13th in for second honors, which would have been more

second pen The entry of Border Leicesters, forty-two pens, was one of the best we have ever seen of the breed at the Royal Show, and it will long be remembered as an entry of most notable quality. Messrs, Nicholson, T. & J. Wood and J. and J. R. C. Smith were leading winners.

correctly placed had they gone to Mr. W. T. Garne's

The Kent or Romney Marsh, which were not given full classification, had but eleven entries present, These were, however, of fine merit, Messrs, F. Neame and C. File being the winners Wensleydales, Cheviots, Black-faced Mountain, Herdwick and Welsh Mountain sheep were also well represented; in fact, between them they made an exhibition of their several breeds of the most interesting description

> Fair Dates. Aug. 5 and Aug. 6

Nechawa

Melita	38.8	. 1	and		Li
Moose Jaw					()
Souris					7
Moosomin				200	-
Perina	8.5			* *	21
Regina Calgary postponed to Septem	the t I to	1			
UNITED	$\Gamma\Lambda T E \simeq$				
Missouri Sedalla, Mon. Lova Des Moines N. V. State Fair Sysauter	142	1 -	to	Aug.	20)
Level Des Maines		.1.1	1()	4.4	130
N. Y. State Fair Sycards		2.7	10	E-824- *	311
Ohio Columbu-	-1-1-1	1	11)	-1-11	9
Minnesota Hambae		1	111		. 17
South Dakota Yar Lee		4	10	+9	12
11.		~	10	0.00	13

No Butter for Export.

The United States will not likely have any bitter for export the vegr. The home murket been able to far to consume all manufactured nd whether a foreign buser part be cought for port of the output will depend somewhat upon be consumption of olcomorganine



FIRST-PRIZE AGRICULTURAL TEAM.
Portage Fair.

The Winnipeg Industrial

perfect fair weather. Old Sol held sway without a ripple or a shadow of a cloud crossing his countenance from Monday morning till Friday night. It was hot the first few days, but that only served to pour shekels into the coffers of the soft-drink vendors. On Monday morning everything opened with a rush, it being children's day, with free admissions for all of school age, and they were there in thousands. Each day proved a record-breaker in point of numbers over corresponding days of any previous year, and the total attendance of over 100,000 is far in excess of any previous record.

The preparations made by the management for the entertainment of the people were well carried out, the racing programme and attractions being good, and the provisions for handling the immense throngs of people fairly adequate, so that little discomfiture was experienced. The city, however, was caught unprepared to grapple with the crowds that poured in from all quarters, and sleeping accommodation was at a premium, while the hotels and caterers very unfairly took advantage of the opportunity and raised their prices.

On the opening day, the universally popular Lieutenant-Governor McWillan attended a lunch con given by the directors to a large number of prominent visitors and residents of the West Most excellent speeches were delivered by His Honor in opening the fair, by the president, Mr. J. T. Gordon, and several others. The whole affair proved a most pleasing event. The lunch given to the live stock exhibitors on the Friday, when upwards of one hundred prominent stockmen were present, was a happy occasion. President Gordon making a neat speech in toasting the breeders, which was replied to briefly by the Hon. Thos. Greenway, Mr. Jas., Glennie, Mr. Steven Benson, Prof. Thos. Shaw and Dr. Quinn.

All the buildings and most of the available space on the grounds were well filled with exhibits of an interesting and educational character.

If was especially gratifying to see ruch before exhibit or agricultural unchinery, the threshing quedies comparie being and in full force this year, as were a number of promodulaturers of buggies, stock tacks and exalter term incluments, woven wire fences, etc.

In the main building a great improvement had been effected over previous years by the introduction of motive power to operate the various lines of manufacture, and in this building some most interesting and instructive exhibit were to be seen. The manual training school and kindergarten exhibits were of the real interest as showing the problem of security the problem of security the interesting the second interest in the problem of security the problem of security the interest in the problem of security the interest in the problem of security the problem of security the problem of security the interest in the problem of security to the problem of security the interest in the pr

the eronests

Now that the 'this protect of the grant of the efficient of the efficient

it is to be hoped that both city and Province will undeose their purse-strings and place the Exhibition Board in a position to provide more suitable accommodation for exhibits of the manufacturers as well as for live-stock judging pavilions, the success and popularity of which was so amply demonstrated this year by the improvised judging pavilion.

On the whole, the Winnipeg Industrial Exhibition of 1902 is by all odds the greatest success that has yet been achieved, and the Board of Directors, particularly the president, Mr. J. T. Gordon, and the manager, Mr. F. W. Heubach, are to be congratulated upon the results of their efforts.

Below is a report of the live stock and agricultural sections of the fair, written by the "Farmer's Advocate" staff of reviewers:

CATTLE

The exhibit of cattle on the whole and in the separate classes was greater in numbers and of higher average quality and condition than at any former exhibition here or anywhere in Western Canada, the classes in most of the breeds being well filled, and the condition of the animals in every department quite as good on the average as is generally seen at leading Eastern shows, if not, indeed, better, since there were fewer over-fat exhibits, while nearly all were well brought out as to quality of flesh and fitting. The beef breeds, which preponderate in Western shows, were judged in a covered building, open at the sides and having raised seats for the accommodation of

In the class for bulls four years old and one an outstanding winner was found in the entry of J. G. Barron, of Carberry, the roan four-year old, Topsman's Duke, a son of the former Care dian champion bull, Topsman, and of Gipts Queen 2nd, a Kinellar Mina cow, bred by the Russells, of Richmond Hill. He is a bull of the type in favor at the present time, low-set, thick deshed and compactly built, has a good mase line head, a strongly-muscled neck, with well arched crest, smooth shoulders, big heart-girth. well-filled crops, a wide, strong, and thickly fleshed loin, smooth and well-covered hooks, level quarters, broad buttocks, and a good set of legs well placed, and was from the first considered a strong candidate for championship honors, to which many of the breeders present thought his type and general character entitled him, having been accorded premier place here last year by Mr. R. Ogilvie in the competition for the Dominion Shorthorn Association's special for the best bull of the breed of any age. The red five-year-old Imp. Sir Colin Campbell, by Royal Mail, out of Clara 32nd, a lengthy, well-proportioned bull, shown by R. McLennan. Holmfield, was given second position; and Knight of Lancaster, a good, level, red bull, from the herd of G. & W. Bennie. Castleavery, third. In the list of three-year-old bulls, the erstwhile champion here, the roan. Sittyton Hero 7th, by Sittyton Hero, and from a Duchess of Gloster dam, shown by Hon. Thos. Greenway, from his Prairie Home herd at Crystal City, came out in splendid bloom and was a clear winner. He has been a strong card in the showring since he was a yearling, when he won the sweepstakes here and repeated the record last

year under the rating of Professor Shaw, the pre-

siding judge. He has steadily improved. growing broader and deeper, and has developed into a magnificent show bull. level, straight and smooth, with a commanding presence and the best of handling qualities in flesh and hide and hair, and though again hard pressed by Topsman's Duke in the contest for championship laurels, he wears them modestly once more, as by the ruling of judge Miller the best show bull among the six brilliant first-prize winners in the various sections of the class at the Winnipeg Industrial of 1902. while the character of his progeny shown here proclaims him a superior sire as well. Imported Scottish Canadian, the roan bull lately at the head of the herd of Walter Lynch, and

now owned by James Bray, Longburn, was moved into second place and filled it creditably, being a level and wellbalanced animal, shown in moderate condition. If well fitted another year he will make a good one and should prove an impressive sire. President, a good, even bull, sired by Emteror Earl, and shown by Mrs. Jane Brown Manitou, was placed third. In a strong string of two-year-old bulls, the white Lord Missie of Nuga, by Indian Nobleman, out of Missie of Neidpath, shown by Wm. Ryan, Ninga, was de chared the winner. He is a bull of fine quality of resh and skin, with grand hind quarters and general appearance, and was fortunate in finding his place above Barron's imported Pilgrim, given erond position, a red bull imported by John Isase, which has grown into a clever animal, with a finely-modded form, a strong, neat and stylish from capital loins and ribs, and if put in good



READY FOR THE STOCK PARADE.

Portage Summer Fair.

interested visitors and spectators, who in large numbers availed themselves of the privilege, and in comfort witnessing the placing of the awards, the animals standing and parading on the sawdust covered floor, sheltered from the heat of the on which on these days was so intense that but for this recovision both men and heasts must have suffered. In this regard, as in not a new others, Wieniped. Exhibition's management leads all ofter summer shows in Canada, and has set an example which others may well copy, for in ether wer or has weather, a covered and seated and an parthon has great comfort, and goes far toward with the problem of securing the inducted and the bing the standard of types so in the service of live stock.

as showing the per core of the melatons duties of the porition and build, confirming the very diversified classification, and the top top top top the confirming the very diversified classification and build and build are a faring the very diversified classification.

The top top time, the confirming the period lists of prices of condition to the period lists of prices of condition to the confirming to the confirming the confirming the confirming the confirming the confirming to the confirming to the confirming the confirming



FIRST-PRIZE DRAFT TEAM, Strage Summer Fair,

tij if

(....

Gij &;

oy the

thick

11:1.50

11.

girth, nickly-, level of legs

red a

rs, to

it his

eni zui

oy Mr.

ninion

t bull

ar-old

out of

bull.

given

good,

Bennie.

ar-old

roan.

from

Thos.

rystal

ı clear

show-

n the

last

e pre-

He has

roved,

er and

as de-

mag-

bull.

and

t com-

ice and

ndling

sh and

, and

hard

sman's

ontest

onship

Wears

once

ie rul-

Miller

c bril-

arious

class

eg In-

1902

racter

shown

him a

s well.

ottish

roan

t the

erd of

, and

James

place

l well-

CO11:

will

ressive

y Em-

Brown

ring of

sie of

ssie of

as de

lity of

d gen-

ng his

given John

1. with

stylish

r good

V bull



CARBERRY SUMMER FAIR.

show condition next year will be very hard to beat. James Stamford Watt, a thick, fleshy it interesting for the class and was favorite with more than a few for first position. He has a great wealth of good flesh, is low-set and thick. and gives promise of filling a good place as a sire, but fell into third position. John Graham. Carberry, showed a good entry in this section in Captain Jack, by Hillsburg Tom, out of Mildred 6th, bred by the Watts, of Salem. Moneyfuffel Lad, red, sired by Royal Banner, was shown from the Greenway galaxy in fine form and fettle, and went to the head of the list of yearling bulls, followed by Stronsa Stamp, from the same herd, in second place, and he by August Archer. as third. a good, smooth, red son of Imp. Best of Archers. bred by Geo. Harding & Son. Wisconsin, and shown by J. A. Mitchell, Winnipeg. R. McLennan's Royal Campbell, a lengthy, level, goodhandling roan son of Sir Celin Campbe'l, was placed fourth.

In a good class of eight bull calves under a year, the first award went to the Greenway herd for Choice Goods of Prairie Home, a smooth and sappy roan son of the old champion, Judge: second to a capital roan calf. Sittyton's Choice shown by J. G. Washington, Ninga, and sired by the sweepstakes hull, Sittyton Hero 7th, while owned by Mr. Washington last year. Third place was well filled by Sittyton Chief, another excellent red son of the champion, shown by Mr Ryan. In a very good class of bull calves of the calendar year. Lavender Knight, an exceedingly handsome and evenly-proportioned red January calf, by Imp. Jubilee, and out of Lavender Lass of the Prairie Home contingent, found favor with the judge for first place, second being awarded to the red Jubilee of P. H., by the same sire and from the same herd; third to a good, level roan shown by Wm. Henderson. Wakopa, sired by Sittyton Hero 7th, and fourth to a nice red Masterpiece calf of good quality, shown by James

A round dozen well-fitted cows filed into the ting and made a very interesting show, the only regrettable feature being that they represented only two herds, eight being of the herd of Mr. Greenway and four of that of Mr. Barron. It is, however, rarely that so many good ones are seen in one rung in this country. They were a useful. breedy-looking lot, in fine condition, in no case over-done, but likely to continue producing calves and feeding them well. The first and second awards went to the Prairie Home entries, the roan six year-old cow, Jenny Lind 4th, bred by Sir Arthur Grant, the first-prize cow here last year, again leading. She has developed into a massive cow, still retaining her level lines and superb anality, and well deserves her place Ninga Jadice Queen, a straight, smooth, useful four-year old cow, taking second place; Mr Parron's Lab Larne 16th, third place, and his Louisa 15th position. In a class of six threevani-o' cours, the prizes went to the Prairie Home the premier position being taken DZ: 11 ad-white Matchless 25th, by Imp. Royal She came out in fine form, large for 1 strong-backel, smooth and useful look fine feminine character and a lady like a ce, which also carried her to the too in th championship competition. though 67.657 the five first-prize winners in the sec tions lass by ages was a first-class on: and be way, were of the same herd as econd winner was the roan. Vellage herso Prin by Harry Smith, of Hay, and got 11. 11 a familiar figure in the stow whose plump and level form rever fails place near the head of the lis-1:117 r broad, smooth and blocks con-Cane Geo. Bruce, fell into third plan-11.11.11.11 Salem Ink. another thick re-Mate Scottish Chief, took fourth to so of to strong old Leifer Mr ment of Mary to Parel Mater less to the state of the stat nd was the favorite with the for The second prize beifer was a -1,

one of fine quality and character, got by Crimson Knight. Primrose of Prairie Home, one of red roan, shown by Stephen Bensen, Neepawa, made twins, by Judge, and out of Roan Mary, was given third place, and the bouncing Lavinia's Blossom 3rd, by Imp. Blue Ribbon, coming close to three years old, filled the fourth place well. Excellent heifers were shown in this section by Messrs. Ryan, Graham (Carberry), Ayearst, and Walter James, Rosser, Ten yearling heifers, nearly all of excellent character, made a very pretty display, but a clear first was evident in Greenway's Village Grace, bred by John Miller & Sons, Brougham. This award was made by Prof. Curtiss, of Iowa, the presiding judge retiring for the time being. Grace is a red-roan of true Scotch type, with unexceptionable fore end and middle piece, but slightly off in hind quarters, and gives promise of going on as a winner. She is by Imp. Royal Prince 26062, dam Village Lilly 2nd 28395. Second prize went to another of the Prairie Home herd, Matchless of P. H. a red, by Imp. Jubilee, out of Matchless 11th; third to R. McLennan's Mac's Clementina, by Sir Colin Campbell, and fourth to Barron's Waterloo Sunshine 3rd, by Nobleman. In a capital class of heifer calves under a year, Greenway's entry. Layinia's Blossom of P. H., a charming red calf of December last, sired by Valiant, the Toronto champion of last year, and out of Lavinia's Blossom, took the fancy of the judge and many others by the truemess of her lines and the smoothness of her conformation, and headed the list, though not without demur from some onlookers, who were strongly impressed by the combination of substance, symmetry and quality in Washington's Marjory Butterfly, an extra good red October calf by Sittyton Hero 7th. which was placed second. Heifer calves of the current year were out to the number of eight and were a right good lot, Barron's Red Princess 2nd, by Topsman's Duke, coming into first place; Greenway's Winsome Lass, by Jubilee, being second, McLennan's Clementina Lustre third, and Mr. Washington's Brookside May 3rd fourth.

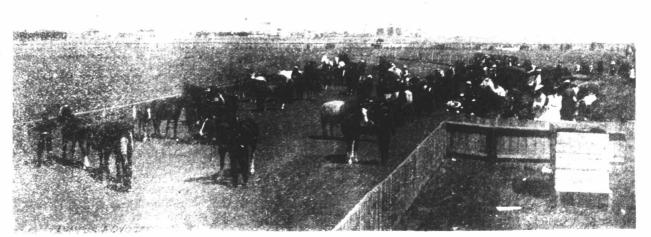
The Herds and Family Groups. - The call for herds of one bull and four females, any age, owned by the exhibitor, was responded to by the presentation of three groups from the Prairie Home herd, which for character and quality probably could not be excelled by an equal number selected from any single herd in the Dominion. An invincible combination was the roan herd which felt into first place, headed by the champion bull. Sittyton Hero 7th and including the first-prize cow, Jenny Lind 4th, the three-yearold Village Princess, the two year old Bessie Lea. and the yearling Village Grace. The claim for second place was not so clear a proposition, the second Greenway group being headed by the firstprize yearling bull. Moneyfuffel Lad, and the third from that herd by Scottish Beau while Parron's herd was headed by the first prize four year-old bull. Tepsman's Duke coupled with a very even selection of females. The weight of evidence in the opinion of the bake was in favor of the second Prairie Hone herd for second place, the third award go'ne to Mr. Bacton's entry. For

the best three calves under a year, bred and owned by exhibitor, Greenway won first and second awards. Washington third, and Barron fourth. For the lest built and two of his get, the latter to be bred in Minitoba, the N.-W. T. or B. C., Greenway captured first award with Sittyton Hero 7th and his offspring: Barron second, with Topsman's Duke and his get; and McLennan third, with Sir Colin Campbell and his progeny. For the best herd of three animals, any age or sex, the get of one bill, haed and owned by exhibitor, and bred in Manstoba, the X. W. T or B. C., Barron won first with the get of Tops man's Duke. Washington second with that of p Sittyton Hero 7th, and Greenway third with Judge's get. The special prize for lest cow and two of her produce, the latter bred in Manitoba. N.-W. T. or B. C., was won by Barron, with his cow, Loretta 3rd, and her offspring. For the best herd of one bull and three females, owned by exhibitor, the females bred in the Western Provinces, Greenway was 4,rst. Barron second and third, and Washington fourth. For the best four animals, any age, bred and owned by the exhibitor, the first prize was awarded to Barron for a herd headed by Topsman's lunke, so and to Green way, third to Washington, fourth to McLemmin For a herd of a bull and three females, owned by exhibitor and all bred in Manitoba or the NoW. T., first award went to Barron and second to

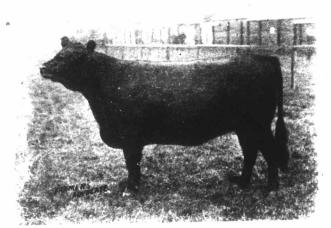
The Dominion Shorthorn Association's special prizes for the best herd of a bull and three females, all under two years old, were awarded, the first and second to Mr. Greenway, and third to Mr. Washington.

In the competition for the special prizes donated by the Canadian Pacific Railway Company for animals bred in Manitoba and the N.-W. T. and barring animals having won a prize in the open classes, the first prize for a two-year-old bull went to Mr. Bacron's Sir Arthur Grant, a right good roan son of Imp. Nobleman and Imp. Jenny Lind 4th; second to Prince of Lind, by Imp. Prince Alpine, dam Jenny Lind, shown by II.-O. Ayearst, Middlechurch; and third to G. & W. Bennie. In yearling bulls, Bennie won first John Graham, Carberry, second: A. Bond, Dauphin, third. In bull calves, Barron won first, Greenway second, and F. W. Brown, Portage la Prairie, third. In the class for cows three years and over. limited to this competition, the entries were use ful-looking breeding cows in good condition and evidently good milkers, F. W. Brown winning first with Windermere Gem, a handsome roan three-year-old; Mr. Greenway second with the roan six-year-old Lena, of dual-purpose type; and John Graham, Carberry, third, with Princess of Kerfoot, a nice red daughter of Topsman. In two-year-old heifors. Greenway was first and third, with Bracelet of Prairie Home and Rosetta 15th. bred by Walter Lynch, and John Graham third, with Moss Rose. In yearling heifers, James Bray, Longburn, had a very meri torious winner in his red Siren 7th, of Mr Lynch's breeding, sired by Charger, R. McLennan had also an excellent red heifer. Rosebud Maid, of the Kinellar Rosebud tribe, which was given second place, a handsome red heifer of Mr. Barron's, Emily 4th, by Nobleman, coming into third position and completing an exceedingly good trio. In a nice ring of seven heifer calves, Mr. Greenway's Bright Light of Prairie Home went to the front, followed by Brown's Adela 3rd Barron's Siren 8th third. second place, Bray's entry fourth. For the best herd in this competition, one bull and three females two years and under, Greenway's entry won first, Barron's second, and Bray's third. The best bull in this class, any age, was declared to be Barron's twoyear-old, Sir Arthur Grant, and the best female Greenway's roan heifer calf. Bright Light, by Judge, out of Elvira 21st.

HEREFORDS were out in larger numbers and in better condition than is usual at this show. and there were a few in some of the sections of excellent type and quality, though there is yet room for much improvement in selection and fitting before the breed is represented here as it



THE STOCK PARADE AT THE CARBERRY SUMMER FAIR.



LADY DOUGLAS OF KILQUHANITY 16658. Galloway heifer, two years old. First and champion, Royal Show, Carlisle. OWNED BY AND MONTGOMERY, NETHERHALL, CASTLE DOUGLAS.

is in Ontario and some of the States. The exhibitors were John Wallace, Cartwright; J. A. Chapman, Beresford, and Benallack & La France, Winnipeg, and the judge was Prof. Curtiss, of Ames, lowa. The first-prize bull, three years and over, and the sweepstakes winner, was Wallace's four-year-old, Young Actor, a typical representative of the approved stamp of the present day, low-set, lengthy, level and smooth, with good legs and fine handling qualities. He was bred by Van Natta, of Indiana, sired by Actor, and but of Lady Grace. He was closely pressed for preference by Chapman's Lord Ingleside 6th, a three-year-old of very similar stamp, bred by H. D. Smith, Compton, and got by the Pan-American champion. Mark Hanna. The third place was taken by Benallack & La France's Lottery, a strong and vigorous four-year-old. Wallace had in Roblin a very good yearling bull, which was awarded first prize. Bull calves were led by a very smooth. straight calf of good quality, shown by Chapman, Earl of Island Park, by Lord Ingleside; second prize going to Wallace's Roger, by Maple Duke, and third to Chapman's Prince of Island Park. A very good ring of cows was shown and precedence was given to Wallace's Lady Belle 4th, a very lavel and well-proportioned cow of good type and quality. Chapman's entries. Fairy 5th and Victoria, taking second and third positions creditably, being of fine character. Chapman had the first prize three-year-old cow in the excellent Downton Ingleside, by Sir Horace, and Wallace secured first prize in two-year-old heifers with Mary Ann, and in yearlings with Sarah Maud, while Chapman had the first-prize heifer calf in Tusky of Island Park and the second in Princess The first herd prize, for the best bull and four females, was won by Wallace, Chapman stood first for the best two calves under a year. For the best herd, bull and three females all under two years. Wallace was the winner, Chapman second. For the best three females, any age, the get of one bull, bred in Manitoba, N.-W. T or B. C., Wallace was first, Chapman second.

ABERDEEN ANGUS were represented by selections from the herds of F. J. Collyer, Welwyn; Walter Clifford, Austin: Geo. Bolton, Fernton. The sections were not well filled as to the number of entries and the animals not brought out in as high condition as in some other classes, but there were some very straight, smooth animals shown which with more attention to fitting would make a stronger impression upon visitors of the merits of the breed that stands so high in Britain and in other parts of America. Boulton's Prairie Chief was awarded first price in bulls three years or over, Clifford's Reform first in two year olds, and Coller's Albert Edward first in bull calves Boulton was first for cow. Collyer second and third. Clifford for t for yearling heafer, and Boul ton first for heifer calf ander a year

GALLOWAYS were strongly represented, the competition being made interesting by the presence of a first class selection from the herd of Orto II Swigart, Champaign, III, and an excellent representation from the Hope Farm herd of Win Martin, St. Jean, Man. The first prize bull, three years or over, and the ma'e champion, shown by Mr. Swigart, was no less conspicuous an animal that the tamore Draud of Ca themilk, the champion to a contained of the Chicago Internai, that was sold at auction in , tobic representative of to the world turned, filled Martin's Mc the of the 1114-1-1 cal rest ald bell and · · · and Lord & herd a undied creditable same 2nd and life Wee honors in the ention t and Swieart's Norma B coe 2 id. a practically po-

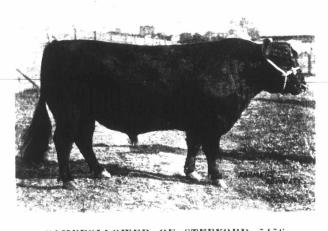
and emouth me all passe

breed character, led the list of the three-year-old cows and carried the championship card in the female section of the breed. She would be hard to beat in any country, but she was closely followed by Martin's imported Maggie of Kilquhanify in this class, and closer pressed for the sweepstakes by Mr. Martin's first-prize two-year-old. Lady Hamilton, who is one of the best of the breed, showing approved type and character, a grand coat of hair and faultless conformation. Lassie of Wavertree, of the visiting herd, was second in the two-year-old section, and Sauterne. of the same herd, was first in yearling heifers Martin's Grace 2nd filling second place well. The first herd prize went to the Illinois herd, and second to the Manitoba contingent, which also claimed the first award for three females, any age, got by one bull and bred in Western Canada. Prof. Curtiss judged the class.

THE DAIRY BREEDS.

The three leading dairy breeds were well represented, both in regard to numbers and quality. and each had out entries that would compare well in any competition in the Dominion. These classes were judged by Mr. Alex. Hume, of Menie, Ont., a well-known Ayrshire breeder, who did

good work and gave general satisfaction. HOLSTEINS were shown by James Glennie & Sons, Longburn : J. Oughton, Stonewall : A. B. Potter, Montgomery, and the Manro Creamery Company, of Winnipeg. The last named had the first-prize bull in the class for three years old and over, in the five-year-old Queen's Pride, bred by Mr. Glennie, sired by Ykema Mink Mercedes, and out of the erstwhile champion cow. Daisy Teake's Queen. He is a big bull of accepted dairy type and good constitution, and did honor to his worthy dam by carrying off the male championship on this occasion. Oughton had the second winner in this class in Royal Duke, a full brother to the champion, and third in King Tempest. Glennie's Chief Mercedes De Kol, by Paul De Kol 2nd, was the winning two-year-o'd, and M.



CAMPFOLLOWER OF STEPFORD 7476. Galloway bull, three years old. First and champion, Royai Show, Carlisle. THE PROPERTY OF DAVID BROWN, LOWER STEPFORD, DUN

Oughton's (Middlechurch) Crown Prince Teake. the first prize yearling bull, Potter winning second and third. In bull calves, Glennie got to the front with Chief Teake De Kol, Potter second with Samson De Kol. Potter was also first for bull calf of the calendar year. The section for cows over four years was well falled with strong numbers, including the two aged matrons of fame in former years, Daisy Teake's Queen and Sadie Teake, showing the effects of long years of heavy work in the dairy in their shrunken forms, but are splendid specimens of approved dairy form and function. The old Queen, though no longer equal to her former achievements in the ring, is well reproduced in her queenly daughter, l'hossete Teake, in her five-year-old torm, winner of first prize on this occasion and the sweepstakes as best female of the breed. She was sired by Ykema Mink Mercedes, and is a large but not overgreen cow, standing well on short legs, has a length; deep and level form, with deep and well spreribs, long, level quarters, a good cow a fead and neck, smooth shoulders and me within is that through the heart, showing good constitute and been a model udder, carried well solward and aft and set with good-sized and well-placed teat from which she gives a liberal flow, Laving miles an average of seventy live points a mix in a 1% weeks' test. She is a grand, dayly row and set a stordard well worths of leave aggred and privacew, found in the Mass edited Decline, by the same sire to the rate of della Poster's Lady Abbekirk, the 18 c to A com Monte

Fancy, and had the third winner in Modest Maid, Glennie winning second with Jemima Teake a daughter of Flosette Teake, and sweeping the list with yearling heifers, as well as being first for heifer calves and for each of the four herd prizes offered. Oughton winning second in two of these competitions, and the Munroe Company second in the other two.

JERSEYS were shown by Jas. Walsham, Portage la Prairie; Enoch Winkler, Gretna; W. V. Edwards, Souris, and F. W. Scott, Winnipeg. Walsham won in the class for bulls three years old or over, and Winkler second with Gallant, Duke. Edwards had a clear winner in the twovear-old class in Artisan of Brampton, bred by B. H. Bull & Son, and a worthy son of his sire, the Toronto champion, imported Monarch of Brampton, showing fine form and quality. Winkler's King Brock was second. Walsham won in yearling bulls with one of capital type, Edwards being second with a nice son of Yankee Rosebud. and first in both sections for bull calves. Winkler won in cows with Winnipeg Belle, a richly-colored and milky-looking cow with a capacious and well-shaped udder: Edwards second with the ladylike Baby Malone, with a well-balanced milk vessel, and third with Souris Rose, a daughter of Sir Oliver and Duchess Malone. The Munroe Company won in three-year-old cows, and Edwards was first in two-year-old heifers with Madame French, by Bashful Pedro, and in yearlings with Hope of Brampton, by Monarch of Bonnie Braes, and second with Lady of Rose Town: also first for heifer calf under a year with Brampton Lassie, bred by Bull & Son, and sired by imported Monarch, second prize going to the same exhibitor, and third to F. W. Scott, for Mattie of Belvidere, bred by Mrs. Jones, Brockville, and sired by Sir George of Riverside. The female sweepstakes went to Winkler's first-prize cow, Winnipeg Belle, and the first herd prizes in all four sections were won by Edwards' contribu-

AYRSHIRES made a very creditable display. being brought out in good condition and conforming well to the modern type in favor at the present time. The herds represented were those of Hon. Thos. Greenway, Crystal City; S. J. Thompson & Sons, St. James, and W. M. Smith, Scotland, Ont. Mr. Greenway's Surprise of Burnside, now in his six-year old form, a son of imported Glencairn 3rd and imported Nellie Osborne. was the winner in the aged class and the male champion of the breed, and a right worthy winner he is, combining size, shape and quality in a high degree. His son, Loyal Chief, bred by Mr. Greenway and shown by Thompson & Sons, was the first-prize yearling bull. Manitoba Chief, of the Crystal City herd, was the winning bull calf under a year, second place being taken by Smith's Scotland Chief, while first in the calendar year calf section went also to the Ontario herd. In a strong class of mature cows, the Greenway herd supplied the winner in Loyalty 10521, a comely daughter of Tam Glen 2nd, showing strongly the accepted type of form, with style and finish in high degree, and carrying a well-proportioned udder with well-placed teats. The second award went to one from the same herd. Heather Honey of St Anne's, by imported Glencairn 3rd, a milkylooking matron, and third to still another good one of the Prairie Home herd, Ayrshire Maggie 2nd, by Douglas of Loudon. The first and second prize heriers in the three-year-old and two year oid sections were also of the Greenway herd. Spotty of St. Anne's being first in the former and Queen of the Prairie in the latter. The Greenway outfit also won first in heifer calves in both ections and in all the four herd competitions. Thompson & Sons had the second-prize one-yearold heifer, and Smith the second-prize two calves under a year, bred by the exhibitor.

The sweepstakes for best cow in milk was won by Silver Maid, of the Greenway string, a dairy like daughter of Silver King.



ELATE 16513. "I. threeFyc.trs old. First and chaft; in Boy if Show, Carlisle. B DLANATHOMETE ARM, MAISEMORE POR GLOVIESTER.

hors ciall

Mass

qual

AUC

prais this not stan hibit as c annus for 1 the ! gania cour cond able vant othe

ieati come agre duri dry wet. wonl stan add stro this came

Dune

awal

Spri

class dale it Will Shir step He i Gole Cart gran came knov for prize large splei Worl sligh

carr Ripe year class exce Macs thor exce thro P. 1 list. Lype and

last Bral limb Mac lowe large tlesh ners lour and

sect casy and Τ. (Nea ! part Nati grat pro her

Ber oi (Cira tion thir

111

1866

colored

is and

Ho-Zear,-

) calves

CLYDESDALES. - This important class of horses was exceedingly well repre ented, and especially so in the different stallion sections. From the aged horses down to yearling colts, a large and choice lot entered the ring at every call. Massiveness, when coupled with smoothness, quality and good action, always calls forth praises from the admirer of the draft type, and this year's fair ranks above all previous ones. not only from point of numbers, but also from the standpoint of true worth in the individual exhibits. The crowd of onlookers was not as large as could be desired, and, in fact, it seemed at times as if the many other attractions of a more amusing nature possessed a firmer holding-power for the greater number of the people than did the main objects for which the fair has been organized and maintained, and this has quite a discouraging effect upon exhibitors. Under present conditions, onlookers cannot get within reasonable range of the horse classes while they are being judged, and we think it would be to the advantage of the fair if the public were considered and catered to in this respect. By providing another arena similar to the present cattle ring. this difficulty would be overcome-yea, even converted into a profitable live-stock educational feature worthy of being imitated and sure to become popular with farmers. It would be most agreeable to sit and watch the awarding of prizes during hot weather under a covered pavilion, and dry and comfortable if the fair days should prove wet. Should this suggestion be adopted, many would avail themselves of the advantage who, under existing conditions, would not think of standing in the sun for half a day with the hope of seeing some of the awards made. This would add enthusiasm to the exhibitors and become a strong help towards the rapid development of this side of our fair.

The stallion section of four years old or over came first, and eight grandly-proportioned, massive horses faced the judge, Mr. Ed. W. Charlton, Duncrief, Ont. King of the Clydes (by Ringleader), owned by the lion. T. Greenway, was awarded the red ticket. He won first at Toronto Spring Show, 1901, and also sweepstakes in his class there at that time. Besides winning Clydesdale sweepstakes at the present fair, he was also awarded the diploma for best stallion, either Shire or Clydesdale, indicating that he even steps beyond the limits which his name suggests. He is a horse of great substance and Clyde type. Golden Hero (by Golden Geni), owned by Geo. Cartwright, a beautiful bay, thick-set, possessing grand quality, splendid limbs and a fine head. came second. Golden Hero is a horse we all know favorably; he holds his appearance well for one who has been fitted so often. The third prize went to Mutch Bros.' Prince Stanley, a very large, smooth colt of excellent breeding, with splendid feet and limbs, and considered by many worthy of a higher standing. His hair was slightly out of bloom, which no doubt told against him. J. B. Thompson's Prince Delectable deserves being mentioned as a smooth, massive horse of choice breeding. He has a beautiful carriage, and being sired by Cedric, out of Cherry Ripe, will be sure to leave his mark. The threeyear-olds, seven in all, made up a very strong class, headed by Dr. Henderson's Jerviswood, an exceptionally thick-set, massive fellow, of splendid carriage and standing on the best of legs. Wales Macgregor, owned by Tully Elder, Brandon, although not so large, made a strong second, being exceptionally good in the fore quarters and strong throughout, with the best of bone and feather. P. E. Anderson's Baron Henry came next on the list for awards. He is a horse of good Clyde type in most respects, with an abundance of life and action. He won first place as a two-year-old last year. Mansfield, owned by Isaac Betley. Brandon is a very neat animal, with splendid limbs, grand neck, and good action. Tully Elder's Macgregor of the Glen, a nice, smooth, thick colt, captured first in the two-year-old list, followed closely by A. J. Moore's Glen Morris, a large coll, of choice breeding, but rather thin in flesh or he might have stood one notch higher. He was host at Ottawa last year, beating winners from the Pan-American. The third and fourth wanters in this section were good, useful. and very bookly fitted animals. In the yearling section \ Henderson's Wawanesa Chief was an characterized by splendid substance Casy Will one. Pilgrim's Pride came second. and he. The

mares were headed by Boydston Lass 711 grand individual, belonging to Hon. T. Green She won the sweepstakes here two d is a heavy-boned mare, of good Arars . etting up in years. Tully lider's Dart gor (imp.) came second. She has Names grand er and good action and were the At present she is a trifle three but progen. partially explains this. Stochen her Li Benson ress Iona, a real good, useful mare came third, and J. Wishart - Lady of (1) Nancy MacGregor, already men Grane tioned her splendid prizewinning to gotty $\{W_{i1}\}_{i=1}$ gor, first in mares and see thirmy and Macgregor of the Glassians in tv ds), made a combination which

justly entitled her to first place in the brood mare and progeny section. Wishart's Lady Granite came resont, and Bearon's Princess Sonia third. The three-year-old fally section was one of the strongest shown, and March Bros have great reason to be proud of their standing. Charming Star is an exceptionally large well inuscled, compact individual, of grand type, with splendid heart-girth, good loins, quarters and coupling. and the best of limbs: massive and smooth throughout, with beautiful head and neck and grand carriage. She has been a ally hard to beat. as her record shows: First at Toronto and London, and first with sweepstakes at Winnipeg, last year. Her dam was twice the sweepstakes winner at Toronto, and her sire. Lord Charming, also sired the noted Cloth of Gold. Carruth & Brown's Chantress, a neat, smooth, round filly, and a good square traveller, came second. She is of rare good quality. Mutch Bros. Charming Lassie took third. She was handicapped owing to being a fall colt, but to all appearance will develop into a right good mare. She is very smooth, thick, and neat. Lady Pandora, belonging to Cairuth & Brown, a large, well-broughtout filly, was first of the two-year olds. There were six out in this section. The blue ticket went to J. G. Washington's Princess Natalie, a nice smooth filly with good Clydesdale character and ample lung capacity. John Wishart's Lady Wonderful secured third place. She is a real neat bay filly of good quality. In this section the judge seemed hard to follow, several good individuals remaining unplaced, among these being

Lady Eva. owned by A. & G. Mutch. In the year-

ling fillies there were only two out, both good

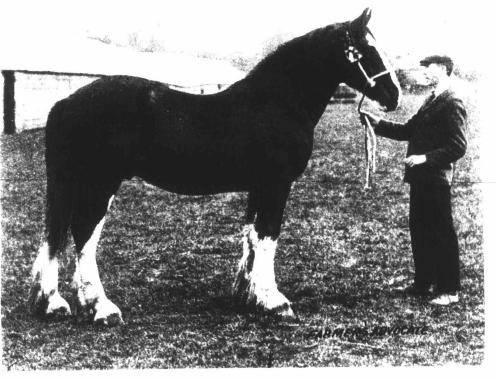
ones. Lady Roberta got first. She is owned by

SHIRES. Five competed in the stallion class of four years or over, and Reid & Weightman's Chevin Victor Chief, a black, of grand conformation, massive proportions and smooth finish, took first. Second was given to Jas. Muir's Netby Duke, a dark bay of rare good quality. but of slightly Clyde type. Third went to John Armstrong's Wilcott Thumper, a brown horse of very good quality. Dawsmere Prince, a bay of grand substance, owned by Reid & Weightman. was the only one shown in three year-olds. The gold medal offered by the Shire Horse Breeders Association for the best scallion registered in the English Shire Horse Society's Studbook was awarded to Chevin Victor Chief, owned by Reid & Weightman, and already described as winner in aged class. F. J. Stott's Shire tilly, a very smooth, tidy animal, with lots of quality. won first in three-year-olds. It is to be hoped that this desirable class will rapidly increase in numbers.

DRAFT HORSES, In brood mare, with foal by side, D. T. Wilson's Days, came first, and Goo. Cartwright's Nance second, both very good in type and quality. These same positions were maintained in the class or broad mare and two of her progeny, three years or under. P. T. Wilson got first and second in both two year olds and yearlings. In foals, Geo. Cartwright got test and second, and D. T. Wilson third. In teams suit able for dray purposes, there were four choice. well-fitted pairs competing. First place was given to J. B. Thompson's Adeline Macgregor and Princess Royal, prizewinners in the Clyde class of mares, any age. Second went to John Stott's Jessie Darling and Louis Riel, a splendid pair, of great substance, grand action and good quality. J. B. Thompson, and is a splendid bay, of choice. The Lake of the Woods Milling Co. got third with a

well-coupled team. pos essing lots of substance, being very thick, but not quite so showy. D. T. Wilson's Dugal and Bruce won first in team class suitable for farm purposes. They were of good quality, and well deserved the stand ing given them. The second went to Λ lbert Lawson's team. J. Stott got first in mare any age, with Jessie Darling, a winner in dray team section. Geo. Cartwright's Golden Hero got first in the stalhon and three of his get class, get foaled in Mamitoba, N.-W.T. or B.C. Golden Hero has been described in the Clydesdale stallion four years or over class, as winner of second place.

HORSES FOR GENERAL PUR POSE.--D. T. Wil son's Gentle, a deep roomy, good limbed annual, came first in the brood mare with foal by side section



MERTOUN. Clydesdale stallion, one year old. First and champion, Royal Show, Carlisle. OWNED BY A. & W. MONTGOMERY, NETHERHALL AND BANKS, KIRKCUDBRIGHT

quality, smooth and extra good near the ground. Second place was given to Carruth & Brown's Belle, a good individual of the heavy-boned, blocky type. In foals there were three entries, and first place was given to Wishart's Prince of Prospect, second to Elder's Chief Macgregor, and third to Ben-on's Princess Mona. The colts were of rare good quality, but not outstanding. In mare, any age, first was awarded to J. B. Thompson's Princess Royal, a thick, heavytopped mare of good parts; the second was given to Adeline Macgregor, owned by the same exhib itor, quite a blocky filly of good substance; the third went to A. & J. Mutch's Charming Star. Eight were shown in this section and several of the others deserve favorable mention, the beautiful McMargaret and Charming Lassie being examples. Some of the decisions in this class were rather unexpected. Stallions, one year and over, roaled in Manitoba N. W. L. or B. C., were next called, and the first went to the two-year-olds Macgregor o' the Glen, second to Wales Mac gregor, and third to Wawanesa Chief. To the call for mare one year or over, foaled in Maint toba, N.-W. T. or B. C. We responded, first prize going to Princess Royal, second to Adeline Macgregor, and thing to Lads Roberta lions, any age, brought to the front King of the Clydes Mr J. A Tuene, of Calgary, was missed in the Clydesdale of , this year the railway Washouts in Alberta has no deterred him from coming, as he had standed He however was well represented as former actor of many of the parawaren ng atamas. So not add third in agod, stallions fourth as the stall of a conditions tourth as the stallions. the two years class of a stand in three year leng son of those worths of sect a div

Second place was won by Prine, a gray mare of good substance, owned by the same exhibitor. Geo. Cartwright's Daisy came third In brood mare and progeny, D. T. Wilson and Geo. Cartwright won in order mentioned. John Stott's the eyear old filly, a good individual, of first class quality, won first, and also sweep stakes in mare or gelding any age. She is a very neat, beautiful animal. It is difficult to make comments in this section, as good individuals of different size, and type, unlife in many respects, yet good of their kind, seem to claim this section as belonging solely to animals of their particular make up, so it has come to rest almost entirely with the adar as to via general purpose animal is In two -John Stott's blly, a beautiful edividual, or grand quality and full of line, list not larger, tool ist R. S. Preston's bright bay, of the heavy blocky type of good sub-tance and prome quality came second. John Stott's cream, a very neal compact, wedsormed yearing, fook is: tien. Cartwright's Jessie came erond. In gen cral purpose teams the collection was very suized, brougham, express and agricultural orses standing side by side. Here's Boyle end est, with a smooth, tidy bodied beam. John Welean second, with a strong agreeding in a rel J. A. Mitchell third on a part of the eric worth more momes three air The diploma for broad as to D. T. Wilson

LIGHT HORST

The quality of the co at year. When the car STANDARD BREDS

her of the choice minute appeared before the eritical end of the judge, Dr. Quinn, of Brampton, Ont. Bry.on, a seal brown, with a 2.15 record. stood hist, while Sharper, last year's winner, a well-known, much-thought-of animal, came second, with College Chum, a pacer, third, and Danso, a horse with Hackney action, fourth. In the threeyear-old class, Judge Geers, who won last year, again got the award. In brood mares, last year's winners were reversed, Fifa being first, with Stonewall Maid second, and Casey third. In yearling fillies, Robt. Park's chestnut got first, and Thos. Scott's Atwell Ladybird second. The foals were very good and received the same awards as their dams, C. W. Speers' Bryson captured prizes in the stallion any age class, and also two sucking colts and a four-year-old, the latter coming in first for stallion and his get. The special prize given by the Horse Breeders' Association of Manitoba was won by Fifa.

In most of the ROADSTER classes there were numerous entries, but the brood mare and foal sections were only singly represented, Wm. Shaw being owner of both. In two-year-olds, the R. I. M. Power entry, the get of Hard Lines, came first, and A D. Gamley second and third. Nesta, a very sweet, clean-cut yearling, led, followed by Miss Reta, of pacing blood; the third going to L. Nelles entry, an animal of good action but

slightly heavy in the neck. In pairs to harness there were seven entries, many of them good movers, well gotten up and showing considerable action. T. B. MacDonald's well-matched black team leading, closely followed by Thos. Scott's bays of good type. Henry Boyle's four-year colts came third. The latter possess good quality, but require more handling.

The singles, as usual, were a strong class size, speed, style and shape being well represented. Dr. Hinman's Barker, a speedy mover, of good action, ranked first, with Ethel Kirk, a fine chestnut, second, and Greg Barrett's entry third.

The CARRIAGE class, with the exception of the two harness sections, was not very largely represented. The Thornhill Horse Co. took first in the stallion class with a very good German Coacher. In brood mares, Geo. Moffat, with an individual of good type and splendid carriage, came first, second going to Aaron McLean's entry, a rather coarsely-bred general-purpose animal. B. Hill's black filly, sired by a French Coacher, topped the three-year class; D. Hamilton's entry second, and J. Wishart's third. L. Nelles' chestnut, a smooth animal of good quality, was the only entry in the two-year-olds. Nelles also took first in yearlings, and Aaron McLean in the foal

In the double harness class there were five entries, the first place being given to J, Λ . Mitchell's well-matched chestnuts, a team of good action and good parts. W. Wilton's bays, a wellmatched, showy team with very good action, came second, and D. Fraser & Sons' iron grays, a fine team, but not equal to the others in action, came thurd.

In single drivers, the honors were awarded to Wilton, Fraser & Sons, and Moorhead, in the order

The showing of HACKNEYS was very light; scarcely any competition, except in the four-yearold stallion class, where there were four entries of good quality and varied conformation, making it a difficult matter for the judge to so award the prizes that the approval of good horsemen would be commanded. Blackfoot, by Robin Adair 2nd, an individual of good type, grand limbs and fair action, but a shade light in the body, came first; Carbine II., a hor r of good substance and action, came recent and the Heir, last year's whener, simility, good action and a test, well up in years, with and Stowart & Mc an dark heavy of arand 2 (1 1 m) W 10 applicant, causing consider. The first transfer would be a construction to executive A. J. Moore got almost all trees as an Hacksey prize with his grand collection, we been pully assume atom. being asserted lage of Wishart got second in and J. R. Thompson's Blacksuplement on the totalline one age

tope sea times . newse. and THORSELE. The er striost via here Dermost · visite perfect ton. tollow of follower by rd place service. the

going to Ka In three se 2. 1.0 entry, King of ta quality he was aw

Brood mares la out, Penza Marie, a ve while The Witch tras

second. J. A. Mitchell's year. clean limbed. likely-looking substance, was the only entr was awarded first, which she ra-The sweepstakes and progeny +

to Hard Lines.

represented. In stallion class best calculated to produce saddle horses and army remounts, Golden Lake (ump.), a strong, active fellow of right type. came first, closely followed by C. Tudge's entry. D. Fraser & Sons got the three-year-old prize, and J. Hunter the two-year-old.

There were six entries in the section 15½ hands. G. H. V. Pickering, D. Campbell and R. G. Watson winning in order named. Under 151 hands went to T. Scott, J.W. McLaughlin and G. Barrett. The saddle and harness section was keenly contested by six able-looking, muscular animals, first going to H. Kealey, and second and third to J. A. Mitchell.

PONIES.—This class was well represented, Chas. Cuthbert, Mrs. F. J. Thompson, W. L. Puxley, O. W. Bailey and Garry Peebles contribnting the winners.

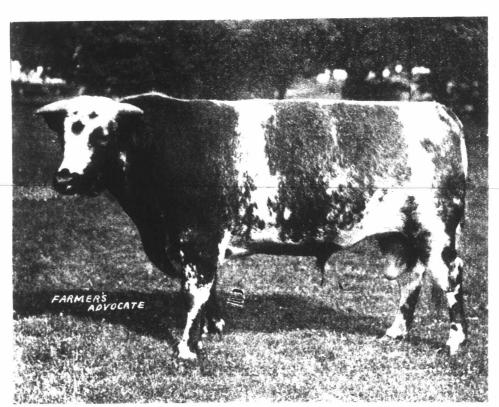
SWINE.

Although it has been amply proved that pork of good quality can be profitally produced on the by-products of the wheat farm, this industry grows but slowly in Manitoba, and it will probably be years yet before we produce sufficient pork for home consumption. While the number of entries in the swine class have not shown any material increase for the past few years, there is marked increase in the number of bacon-type hogs this year, the Yorkshires and Tamworths exceeding all other breeds combined, the Tamworths being slightly in the lead. The comparative strength of the breeds numerically was Tamworths, 53 entries; Yorkshires, 49: Berkshires, 38; all other breeds, 36. The exhibit of bacon hogs was disappointingly small, there being no entries in the grade class and only three in the pure-bred class.

SADDLE HORSES.—This class was very well age in the class. Ewen's Jubilee Belle, a t = 4 reserval sort of sow, shown in breeding condhaving just weaned a litter, came into see d place; third prize went to Greenway's Bont Queen, and fourth to McGill's Lady Gertrude in a very good class of yearling sows, the Greenway herd supplied the first-prize winner in Countess of Prairie Home, by Victor, a sow of medlent type, with a capital back, and full of good flesh and quality. Second award was given to McGill's Highelere Sissen, a decision not early followed, this entry being short in her quarters and not too good on her legs, the third-prize sow, Greenway's Prairie Flower, by Gen. White, being generally considered of better type and quarry. In sows six months and under a year, the same discrepancy puzzled the onlookers, the first-prize pig, shown by Ewen, being of the short, wide type, while the other three, from the Greenway pens, were lengthy and conformed fairly well to the bacon type. For the best sow of the colendar year, McGill won first with a very good one. and F. W. Brown got second and third for young things of good stamp. For sow and litter under jour months. Brown won first and McGill second award. For the herd prize for boar and three females, the latter bred in Manitoba, the first prize went to Greenway, second to McGill, third to Ewens. For herd of four sows, any age, Greenway scored first. McGill second, Ewens

> YORKSHIRES.-For the first time in the history of the Industrial, the swine pens were invaded by an exhibitor from south of the international boundary. Mr. Thos. H. Cantield, Lake Park, Minn., brought in a magnificent exhibit and had the satisfaction of capturing the majority of the red tickets. In the aged-boar class, his famous 8700 boar, Summer Hill Victor 6th, was

an easy first. He was bred by D. C. Flatt, sired by Look-Me-Over, out of a Josephine sow, a hog of immense scale, weighing in the neighborhood of 900 lbs. He stands well on his feet, and, although perhaps not quite as fresh-looking as when shown at the Pan-American last September, he is certainly a wonderful specimen of the breed. The "Advocate" representative, reporting the Yorkshire class at the Buffalo fair. thus referred to Victor 6th: "This hog was the center of admiration for swine breeders, and is admittedly the best of the breed ever seen on this continent. being straight and smooth in all lines. standing well on the best of timber, showing indications of strong constitution having great length and depth of body

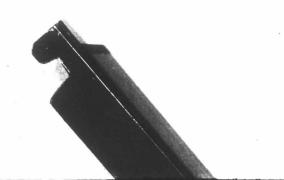


ROYAL DUKE 75509. Shorthorn bull, First and champion, Royal Show, Carlisle. THE PROPERTY OF HIS MAJESTY THE KING, ROYAL FARMS, WINDSOR,

and giving general satisfaction.

BERKSHIRES - A very good this standard breed was made in Hon Thos. Greenway, Crystat U. Metril, Neepawa: H. L. McDiss Twees, Mannedosa , and A. B. Pec six. The general character and as communication in was commendable han two years and or he gilly, deop-sided, a day well on good linds total to star at their an was later dectain Characteristics I and i and quality as section for ye. es went to escapi te la l' McDarmids Ib to be disclosed twelves W. How Louis symple to Fig

and the finest quality Prof. J. J. Forguson, of the Michigan Agri- of fiesh and hair. He is, indeed, a credit to the breed cultural College, judged all classes of legs, in and breeder and should add greatly to the character most cases sticking pretty close to been type of the hard in which he was produced and in which he is to be one of the leading sires." An drew Greenam, Pomeroy, had in this class a good second is the imported boar, Summer Hill Preser, while A. B. Potter, of Montgomery, Assa as there er a hog of his own breeding. In the Mr. Greenway's (Crystal City. arling die Morarch, a half-brother to the Car times boar, being by Flatt's Look-Me 111 511 Graham's North Bruce Justice officer hog, and not brought out in ' at was second. One of the strongest od ('() that for boars under a year, Ca-Palmeny King, bred by the Post !'~ ii by Borrowfield Wantell King. out ow, was given the pride of place 511 near a model hog, having gee sell-turned hams, stands well The light head and jowl, a wi. wuhal, possesses wonderful qu red n the and not, as with many 11 and to thickness. Greenwo in - () sig, mer Hill Drevius, made a 20 McDiarm'd, Headingly, st er of Jas. Bray's breeding a son of his imported s year loogr chass was an un is frequent a couple of good is at causelt with second and t g to Carneld, on a log w ad badly gone at the b www.arladble excellence nav ...g. In imported sow of I for thing, from the Canneld I.



111

Summer Hill Dalmeny Empress 16th, was

awarded the red ticket. She is a sow of great

length, depth of side, level and smooth, and

showing much quality. She was afterwards de-

clared sweepstakes female. For second place, the

judge selected Summer Hill Cicely, another entry

from the Canfield lot, the first-prize yearling at

the Pan-American, a sow of good bacon type, but

lacking in style, having rather a too highly

arched back; Greenway's Oughton Sex 2nd, by

Yorkshire Bill, a grand, good, useful sow, being

0.1 nie In Green-('mint-(****-1-Ven to maily latt ers 'e >0W, . he ng Unitiv. e Same st-pri/e a wide veli to Callette of caster Nonne Timber Seculia t. Hirrare . third Ewens n the ere innternaexhibit 1110101iss, his h. was ... He I). ('. - Zookof a , a hog scale neigh-)() lbs. on his

hough nite as s when · Pan-Sepertanibreed e, reb porting class o fair. to Vicris hog of ad-SW 1110 is adhest of ar seen it inen! it, and limes on the . show ns of

itution length i hody quali'y 6. pirong aracter and in Ana good II Pre-1,550 In the (11) ie Can ook-Me Justice out in LOUGH !

ng. on place grade ell a wear 11115 1177 :: a 21

ie Post

tim

11

211

1 :

third, and Graham's Jubilee Queen fourth, thus leaving the Potter sow, a right good one of choice quality, out of the running. The yearling sow class was another interesting one, containing a number of entries of extra quality. Graham won out on Oak Lodge Clara 21th, a sow of great quality, being lengthy, deep, level, full of breed character and well brought out. The first prize under a year sow in 1901 came only third in this class-Mr. Greenway's Her Majesty, while second and fourth went to the Canfield entries, Summer nill Miss Hollingworth and S. H. Dalmeny Empress 23rd, the latter the champion sow at Chicago last fall, but shown here in too high flesh. Canfield won out in the under-year class on the Flatt-bred sow, Summer Hill May, by S. H. Diamond, out of an Imp. Miss Hollingworth, a sow well brought out, with length and evenness, but rather heavy head and ear. Primrose Maid 4th, shown by Graham, was second, while Greenway's Her Majesty of Prairie Home and Rena of Prairie Home were third and fourth. S. J. Thompson & Sons, St. James, showed a number of good Yorkshires and scored a first in the calendar-year class on The Maples Gem, of their own breeding. Potter also came into the money in this crass, securing second and fourth places, third going to a Canfield entry. In the sweep-

> Sex 2nd, Her Majesty and Princess of Prairie TAMWORTHS.—In this class there was good competition throughout the sections. The exhibitors were: W. E. Baldwin, Manitou; W. L. Trann, Crystal City; Wm. McBride, Portage la Prairie; R. S. Preston, Pilot Mound; John Hainstock, Grange; Jas. Glennie, Longburn; D. Fraser & Sons, Emerson: H. L. McDiarmid, Headingly; and W. M. Smith, Scotland, Ont.

> stakes females, Graham's first-prize yearling had

to give place to maturity, and Canfield's Dalmeny

Empress, first in the aged class, captured this

coveted honor. Canfield's Oak Lodge Julia 11th,

bred by Brethour, sire Ruddington Lad, was first

in sow and litter. This sow was female champion

at Winnipeg in 1901, being then shown by Mr.

Greenway. Greenway's Eva of Prairie Home was

second and Thompson & Sons third on Woodbine

Rosabella. Canfield won the open-herd prizes, and

Greenway the home-bred female herd, with S. H.

Monarch at their head, the sows being Oughton

W. E. Baldwin, who has for a number of years been making a specialty of this long, red bacon breed, was successful in carrying off many prizes, especially in the younger classes, including first and second on boar under a year, the first winner in this class also being declared champion over all ages, Western Conqueror, of A. C. Hallman's breeding, by Huron Lad, out of Brenze Belle, a lengthy, smooth hog, with fair hams, good head and standing well on his legs. Second place went to a hog of Baldwin's own breeding. British Hero. In boars of calendar year class, this herd was also successful, with Western Hero, a son of Dr. Leyds. In the under-year sows, first, second and third went to Baldwin, all on home-bred pigs; also arst and second on sow pigs of calendar year, second on sow and litter, first on the open herd, and first on herd of four sows. Wm. Mc-Bride had the winning entry in aged class in King George, a boar of good length, depth of side and well brought out. He also won on aged sow, and first and second on yearling sows, on Oakhard Queen and Fortage Maggie 3rd. W. L. Trate won second on the aged boar, Dr. Leyds: second on the aged sow, Copper Queen: first on the bood with Manitoba-bred females; and several other paires. R. S. Preston won first and second in the yearling boar class, with good hogs. Horse Sandy and Pilot Hero, the latter bred by second and fourth on calendar-year him ad third and fourth on calendar-year lion

\ND-CHINAS.—There were but two exhibthis class—W. L. Trann. Crystal City. 11000 M. Smith, Scotland, Ont., Trans winning infu. 1100.0 II the firsts and sweepstakes.

TER WHITES.—This breed was repreentries from the herd of Wm McBride. la Prairie, without any competition Pos

> C-JERSEYS were shown by John Onghwww.all. and W. M. Smith, Scott ad. Ont

viously stated, the bacon con was not toolly three entries being to aght out.

& Sons. of St. James to any two ies of Yorkshires, and W. L. Sanh have try of Tamworths The just a warded to the latter.

THE SALL OF CALIBIT.

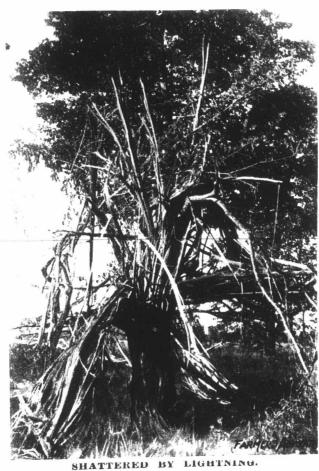
This branch of average or series slow an gaining ground, a matter which is to be regretted. and although there were good specimens in most of the classes represented yet, taken as a whole, they were lacking in see and utting. Mr. John McQueen, Carievald, Assa., budged in a very satisfactory manner.

COTSWOLDS.-Wesers F. W. Brown, of Portage la Prairie, and W. H. Thompsen, E. Selkirk, captured all the prizes of this class. Two diplomas, five firsts, four seconds and one third, found their way to Mr. Brown's pens, while Mr. Thompson received two firsts, two seconds and three thirds.

LEICESTERS -- In this class there were two competitors, A. D. Gamley, Brandon, and Duncan Sinclair, Oakville. Mr. Gamley's entry was larger in numbers as well as considerably better in quality. They were also more uniform and better fitted, and nearly two-thirds of the prizes fell to

LINCOLNS .-- W. J. Lytle, of Beaconstie'd, had it all his own way in this class. His flock are of choice breeding, well wooled, with plenty of constitution and mutton form.

SHROPSHIRES. - In this breed there were three exhibitors: D. E. Corbett, Swan Lake: R. S. Preston, Pilot Mound; and J. Oughton, Stonewall. Corbett's sheep were of choice quality throughout, and he richly deserved the large number of prizes which went his way. All the firsts were won by his flock and almost all of the seconds. Mr. Corbett deserved to be commended on the quality and substance of his exhibit.



Burford, Ont., and W. H. Thompson, E. Selkirk, being the competitors. In the shearling-ram class, Jull's Brant Chief No. 311, a grand speci men of the Oxford type, got first. He has plenty of bone, a good fleece of not too coarse wool, and substance in abundance. Wide-awake, a very good specimen of the breed owned by W. Thompson, got second, being quite good enough to surpass Jull's next best. In ram lambs, Jull took

OXFORD DOWNS .- The Oxfords were one of

the strongest classes shown. J. H. Jull & Son.

first and second and Thompson third. The diploma for ram any age went to Jull. He also was first in pair aged ewes, Thompson getting second. In pair shearing ewes, Jull again stood first. Thompson taking second and third. In exe lambs and pen of best sheep, the same order was maintained. The diploma for ewe any age was justly awarded to Juli & Sons This is a good breed for the country, splendid for grading up. having good size and heavy wool clip, and are fairly early matmers.

SOUTHDOWNS D Fra er & Sons, Emerson took first in rate two hears or over. This rate is an outstanding individual in the Southdown class, also winning d plocas. Fraser got first pair of shearing as as. Most of the other prior went to W. M. Seech, Scalfond, Ont.

DORSETS. W. If Thornson, East Sell of had it all his own with the exhibit was yet good, and had these teen there or four other like him, the Lores a liter would have been Locally control ...

In fat sheep is 1 of class took most price Next in order and Frank and Prestor Jas Brace to the Lad those very getter Angora goal to a station DAIRY PRODUCTS.

To the average fair visitor there is not much apparent change in the dairy exhibit, but to those who make careful comparison year by year a steady improvement is noticeable, especially in the packages and in the manner of the preparation of the exhibits. This year, Mr. W. B. Gilroy, Austin, was director in charge of this department, and deserves credit for the time and energy devoted to the work. The most noticeable improvement in the building was the greatly increased exhibit of cheese, most of which, however. was of rather inferior quality, according to the finding of the judge. One sample, the first-prize white cheese, was pronounced as extra choice. The exhibitor of this entry was J. P. O. Allaire, St. Boniface, and the maker, H. Argue, a graduate of the O. A. C. Dairy School. The cheese scored 97 out of a possible 100. The same exhibitor won on colored cheese. Second prize an white scored 94 points, and was made by N. J. Kuneman in the St. Pierre cheese factory. , The judge, Mr. Smith, Superintendent of the Strathroy Dairy School and Dairy Inspector in Western Ontario, complained that much of the cheese was poorly made and cured at too high temperatures. The prize list in full and scores will be found elsewhere in this issue. In the farm dairy butter classes more attention is now given to details which make for uniformity and neatness than formerly, but there is still room for improvement. In the creamery classes the competition does not increase as it should, nor does the quality improve as one would expect from the large annual Government expenditure on the dairy department. The judge complained of bad flavors, excessive moisture in nearly all the butter, and inferior quality of parchment paper. The Winnipeg Indistrial is the first fair in Canada to introduce the plan of encouraging export butter, by giving prizes for butter made and kept in cold storage five weeks prior to the opening day of the fair. The Dairy Association undertook to receive the butter sent in for the competition and have it kept in cold storage until the opening day of the fair. Owing doubtless to the prize list having been issued late, the competition in this important class was small, there being only five entries, and all of them from provincial creameries. In fact, only one Territorial creamery, Regina, made entries at this exhibition.

By attention to several little details and the introduction of some new features, the educational work of this department could be very much increased. For instance, requiring exhibitors to fill out statements regarding the condition of the cream, age, acidity, temperature at churning, temperature of wash water, time required for churning, amount of salt used, etc. Thirtyminute addresses might also be given by the judges on the last days of the fair, reviewing the principal faults found in exhibits and suggesting improvements, etc. Score cards and prize cards with names and addresses of exhibitors should be affixed to the outside of the packages, so as to be read without difficulty by the visitors, instead of being stuck into the butter, spoiling both the appearance of the exhibit and the cards.

That portion of the dairy building generally devoted to the display of dairy utensils was this year deserted by the dairy supply firms by common arrangement. The space was, however, oc cupied by exhibits of fanning mills and such like farming utensils.

BUTTERMAKING COMPETITION.

The buttermaking competition was repeated on similar lines as the year previous, and constituted an attractive feature. It was taken charge of by W. A. Wilson, Dairy Superintendent of Assimboia, assisted by Superintendent Murray and his staff. U Below is the score of the several contestants, who were allowed two trials each:

	7th— Mrs. J. Taylor Jr., Headh 41	Helen Taylor, Headirgly.	Maggie Jane Kiege Rossent.	Who A. Bax be sufficient.	3rd - E. V. Edwards is soils.	2nd - John Kitsen, Nichelade	1st— John Monroe, Winnipez
7					-		
Preparation of utensils	.)	5	.)			.)	.)
Straining and coloring of cream Granular butter Washing and salting Working butter	3,50 3,50 3,50 3,25	3 50 4 25 3, 4 75	1 25 3 50 1 25 1 50	1.25 3.75 1.75	1 50 1 50 3 4 75	1.50 1.25 1.75 5.	1.75 1.75 5 1.75
Nearness and cleanliness of person and work Quality of butter. Cleaning utensils.	17.	17 50 18 75 1 50		100	1.7 21, 75		
Exhaustiveness of churn- ing Time	13 94	13.32	100	1		1	
Total	s , 94	-196	×17 × 1			5 - M	1.; ar
	100	11.	Ŷ.				
The poultry and	117. 1				F-	51.64	Her

than fact year left to the Service Butter gold, pronounced the reserved a literal the en-

tries superior to the average mid-summer fair. Judging to the I am awards, Geo. Wood, Witempeg, was one of the most successful exhibitors. capturing a big share of prizes in White Leghorns, White Wyomiottes, Black Langshans, American Dominiques, etc., and the silver cup on best breeding pen, a pen of White Leghorns, 11 pens competing; silver medal for the best collection; diploma, best exhibit in American class and also n the Mediterranean class.

M. Maw, Winnipeg, was, as usual, a winner on Pekin ducks, Toulouse geese, etc., and showed in cubators, the celebrated Cyphers. Among other prominent poultry breeders who contributed choice birds to the show were. J. W. Higginbottom, Virden, Chas, Midwinter, Winnipeg Geo. Wood, Holland; Sam Ling, Winnipeg; S J. Thompson & Sons, St. James: Jos. Wilding. Norwood; John Kitson, Burnside, Irs Stratton. Stonewall: Jas. Mullens, Cypress River; and many others

AGRICULTURAL PRODUCTS.

The exhibit of agricultural products, never a very imposing display at a summer fair when of necessity the previous year's grains have to be shown, was this year much larger and better than for several years. The interest in the exhibit was lost, however, by the failure of those in charge to place the names and addresses of the winners upon the prize cards. There were a number of entries in the 25-bashel lot of Red Fife wheat for the special prizes of \$100.00 cash given by the Imperial Bank and the \$50.00 cup offered by the Ogilvie Milling Co. The grain was of magnificent quality, and it took the judges, Messrs. Spink and Horne, a long time to decide between first and second. Deloraine has the honor of supplying the first-prize sample, Geo. Bell, of that district, being the exhibitors; Joseph McLean, Holland. winning second place. The first three prizes in the five bushel lots were captured by Red River Valley farmers, all residing in the Winnipeg district, as also did the prizes for Banner oats. Assiniboia was represented in the prize list by A. B. Potter, Montgomery, and Cornelius Martin, Wascana. In grain and field seeds, John Ralston, Rapid City, secured many prizes. The full list of winners is published elsewhere.

HORTICULTURE.

Although the season was late and not conducive to a large exhibit in this department, the display was much better than usual, as was also the exhibit of small fruits.

MANUFACTURES

THE CHRISTIE BISCUIT CO., of Toronto, Ont. had a large pyramid of their "goodies" on exhibition in the British Columbia building, during lair week It was most attractively designed, the colors being arfistically arranged so as to lend a most pleasing

THE WINNIPEG KI BRER CO had a large display of the products of their factory in the main building and an annex in the dairy building during tair week, which was composed of rubbers, boots, belting, packing sheets, and raw rubber

THE MANITORA MINING COMPANY'S exhibit was located in the British Columbia building. This concern displayed, very artistically, an alcove constructed of white wall cement made at their mills.

THE MASON & RISCH PIANO COMPANYS casplay of musical instruments in the British Colum- or the famous Blue Ribson tea. This was a complete bia building drew the attention of many. A Pianola exhibition of the interior of a large tea cubic and attached to a Concert Grand piano, a most perfect mechanical contrivance, was much in evidence in the and weighing machine, the conce blender the filling was unable to exhibit. Mr. R. Hemphill, the concentrations of the filling was unable to exhibit. atternoons

THE PAGE WIRE FENCE COMPANY had a very neatly constructed exhibit or their lence on the grounds. The sence is well-known throughout West ein Cenada and in the equine was Inspected by the sity are also agest for the torogans

THE LOYDOY TEXTS DACHING COMPANY exhaint at the fair at Wassiper use ed 2 sets items to time contribute. The manyone which has proved ery popular in many econe. The england Canada war greatly admired

A SELF LETDIR for attachure to a threching machine was on exhibition in the Dady founding This machine is a recent invention of J. Morgan Sympton of the cry Mr Sympton is a practical thirder and treat the value of such a scentimenter The parties have been such discussed as a lew win is a good up so the site for the

0.10 191511

Minneap 1 M esuch in ease under the difee attempor of but of a same that while was tion would not exhibition. server from G teet it be to be to the trace a herior the

and a construction of the the

, to make result. Many could not believe the story arough the flag row," that floated around the crosseds, until they had seen her with their own eyes. Then the gid motto, "To see a to be conherd," flashed across their minds

THE CANADA RUBBER MOMPANY Relduforth in the main building during the big fair. A represenat we of the company was present and explained the ading seatures of the firm's goods. A large quanty of rubber belting, hose, tacking, and boots were

Mr Frank McLean, the representative of COW LRAND SODA, had a very attractively-constructed ooth in the main building, and with the aid of a umber of assistants endeavoied to place a sample of the soda in the hands of every housewife who attended the fair.

THE HUDSON'S BAY STORES CO., Ltd., had a departmental exhibit elaborately displayed in the eastern division of the main building. Λ bety of young ladies in white gave dainty little cups of the hemous "Tetley" tea to the public. This delightfully refreshing drink won many new admirers of this noted Edend of tea. The company had an extensive assortment of boots and shoes, musical instruments, dry goods and groceries.

THE GRANDY MUSIC COMPANY'S exhibit in the main building held the attention of many. Sexeral handsome Mendelssohn and Gerhard Heintzman planos, as well as a variety of stringed instruments and a concert grand phonograph, were attractively arranged behind the railing.

KILGOUR & RIMOUR'S exhibit of the goods of the Maple Leaf Rubber Company was most extensive

THE NATIONAL CASH REGISTER COMPANY had a number of their machines on exhibition in the main building, showing how to handle cash.

BELL & ARMYTAGE, the agents of Swift & Co., of Chicago, had a very neatly displayed exhibit of the famous Swift hams and bacon and canned goods. Lady attendants were kept busy giving away samples of the delicious meats

STUART & ARBUTHNOT MACHINE COMPANY was very much in evidence in the center of the main hall. A large *15-horse-power Leonard-Ball engine, which gave motive power to the whole building, was in motion continuously during the fair, as was a Peerless self-oiling engine of 100-horse power. A number of dynamos, motor switchboards, an Austen steam separator, an Albany steam trap and Canton pump constituted the balance of the exhibit of the company.

DUGWALE, THE JEWELER, was right, " at home" in a very attractively-decorated booth in the main building during fair week. It was a miniature jeweler's store. Show case filled with trays of jewels, shelves with clocks, and the inevitable hall clock, were all there as big applife, and so was the expert workman, with his delicate instruments ready for business

THE DREWRY BREWING CO. possessed one of the most attractive and novel exhibits in the main building. A large arch, with a rich red background. Fore the word Drewry outlined in changing incandescent lights, while a travelling elevator, profusely lighted with electric lights, displayed the products of the brewery.

G & J. GALLT were responsible for the exhibit were attended by skillful young men. Many viewed the exhibit with intense interest

THE OCHAIR MILLING COMPANYS deplay was readiled very attractive by the pre-estation of the trademark of the company with the select of the background, the ocean, with two es background. Lattle uses paye the Whole a Arty real, to herb and it will ever remain vividly impleased to see the What were assume to complete view store a warr

HAMMOND THE HATTER, but a cer band dopens of rurs in the main buy dogs. tor the coming season in the in Liberatorem. A further way below as work over a of the booth at a restriction constant a continue skins for earner ! . . each the latest design areas as one to enstore:

THE MET VEHILLY CARREYS I TOWN A LEG a tone is a shelet of their to Stronger und harrie to a Mr. W. B. Poural there is a superior mounts's grouds for THE ASSESSMENT MAKENINE

TITE 21 TM: 1

THE ACT MODELL & COMPANY

a war and a second than

Lous Mica rooting which Mr Foliseca is sole agenfor in Western Carada.

J. McLAUGHLIN MFG. CO., of Toronto, weelocated in the main building during the fair. The exhibit of crushed fruits and Hygeia extracts in syrmps was very attractive

THE GAVANA CIGAR SYNDICATE had a second display of the "weed," in Malable form, in a corne of the main hail.

ALEX CALDER'S TAXIDERMIST MUSEE, to. the second floor of the main building, was composed of a large number of skillfully-mounted specimens of the birds and beasts of Canada.

THE KOLA TONIC WINE COMPANY gave damity little glasses of the refreshing beverage to the visitors at the fair, from their booth on the second floor of the main building.

THE ARMSTRONG BUGGIES were displayed in the carriage building. A full line of vehicles and outters manufactured by the company were on exhibition.

THE THOMAS IMPLEMENT COMPANYS of hibit was under the supervision of Mr. Geo. Case, in the implement hall. The perfect disk harrow, plow cultivator and other lines manufactured by the company were exhibited

THE MASSEY-HARRIS COMPANY were " at home" to their host of friends in the implement hall Their exhibit consisted of five Sawyer-Massey separators, four engines, two water tanks, a new pattern compound pump, belting and packing, steel moulds for shapping sewer pipe from cement, and sundry other articles. In the spacious warerooms and salesrooms of this company, on William Avenue, was to be seen one of the finest assortments of Canadian-manufactured implements that one would wish to see. These quarters were completely filled with visitors during the greater part of fair week.

THE BRANDON MACHINE WORKS had a very interesting exhibit in a grain separator shown in running order on the grounds during fair week. This mechanical contrivance might well be named "a little wonder," since it executes its work with wonderful rapidity and much ease to the operator

SYLVESTER BROS. COMPANY, of Lindsay, Ont., with western headquarters at Brandon, Manoccupied a very prominent position in the implement park Mr. Frett Waller, manager for Western Canada. and Mr. Sylvester, of Lindsay, were present during the fair and explained the merits of the company's inblements. The "Main" cultivator and a 6-horsepower gasoline engine were two products of the company that were carefully examined by visitors.

THE MELOTTE CREAM SEPARATOR COM-PANY had an "Ideal" gasoline engine, manufactured by Goold, Shapley & Muir, of Brantford, running in the implement park. This three-horse-power machine. from its compactness, won many admirers.

THE J. I. CASE THRESHING MACHINE COM-PANY had a mammoth exhibit under canvas at the exhibition grounds during fair week. A 9-horse-power portable engine, a 25-horse-power portable a 25horse-power Simplex traction gave motive power to a 10-mch cylinder separator fittled with self-feeder, bagger and weigher and wind-stacker; a 36-inch cylinder separator, with swinging stacker and high-wagon ioader: a 28-inch cylinder separator, self-feed stacker and low bagger. A number of horse-powers of the Dinger-Woodberry type were shown; also detached automatic straw stacker

Owing to delay on the part of the transportation ompany, the Spramotor Company, of London, Ont machines and the packers were all in motion and grany's western agent, was very much put out. He noved about among the farmers, however, and made the best of the situation. He has offered to go to thy larm and kill wild mustard, without affecting the Z1: 22 - Z111; - (11 71+) 1 -

> THE SPETCHT WAGON COMPANY, of Markham, tent, had a varied exhibit or wagons and hobsleighs in the implement half. Mr. MacKenzie, of the Mc-Laurablen Carriage Co., is transfer agent for this Frank in the West

> THE WUBBER FANNING GRAIN SEPARATOR. n anotherwise by Huseh Bros of Milwaukee, Wis - wholsted on the ground alongside of the ${f J}$ - ${f J}$ a e exhibit

> THE WESTERS THELEMENT COMPANY have a theresters explor in the implement hall. Mr Harrion, the could manager, was present during the that tair we and exclaimed the merits of the stock religion between two of the company's leaders

> LUOS BESSLIL MANUFACTURING COMPANY ma Och that a very extensive exhibit of land and d = $\frac{1}{6}$, stocks, which received considerable on the second considerable and the second considerable of the second considerable and the second considerable and

of CHARLIAN FAXNING MILL COMPANY yorking in the dairy building ages, or the company, with does was present during the fair " Without Wishing Compiny, of Vato that of their machines on ev over a reatures of the con-

11 1 % CLOUISS GRAIN CLEANI " section of the type 1.0 all one of the simple

oto

11:1-

em

her

Olus

se'e'll

iac-

11:00

111

11,11

This

ttle

11111

Silv,

a11

rent

ıda.

ring

111 5

rs.

OH:

0 11-

ared

g in

ine

() \]-

the

Wer

25-

() 21

600

cker

the

hed

nt

OH

116

rade

the

igh

this

Vi~.

al a

Mr

the

ock

4115

11

attid

thle

11

Cith

.111

very difficult grain-cleaning tests to the satisfaction for the nanufacture of this nachane in the near future.

THE NORTHWEST THRESHER COMPANY, of Stillwater, Minn., had a very extensive display of threshing machinery and outfit on the exhibition ground, under the supervision of S. Blair Mucbeath The company manufacture only high-grade machinery, and their invasion of Western Canada will be welcomed by the thresher who values good workmanship. The 25, 40 and 64 horse-power New Giant engine and separator, with self-feed blower and bagger, was most complete and up-to-date.

McINTOSH & MUNRO, of Alexandria, Out , had a complete exhibit of carriages, buggies and outters in the carriage hall. Mr. Munro was present and welcomed all visitors. The company's rigs have stood the most rigid tests, and stand among the high-grades upon the market to-day.

THE MINNEAPOLIS THRESHING MACHINE COMPANY had a most complete exhibit of threshing outfits on the grounds. Mr. Rooney, the manager of the company in Western Canada, was present and explained the mechanism of the machines.

MR JNO, HERRON and salesman L. G. Macdonald, of the WATERLOO MANUFACTURING COM-PANY, had their hands full during fair week. The exhibit of this concern at the grounds consisted of three engines-two 22-horse-power traction and one 18-horse-power traction-and one Champion separator fitted with weigher and bagger, feeder and stacker.

THE BUCHOR & GIBBS PLOW COMPANY, or Canton, Ohio, were at the exhibition as "big as life." This concern is after western trade, and, to judge from the exhibit of farm implements displayed, they will get their share of the trade in Western Canada.

THE CANADIAN STEEL WIRE COMPANY'S exhibit was a monster. Besides large coils of wire and other supplies, this company had several rods of the American and Elwood fence built. Mr. R. S. Rider, a genial representative of the company, had tharge of the exhibit, and took pleasure in answering the questions of the farmers regarding the durability of the company's fence.

A PORTABLE GRAIN ELEVATOR and tank, known as the Atkinson patent, was exhibited by Horace Wilson.

THE GAAR-SCOTT COMPANY, of Richmond, Ind., with headquarters in J. W. Johnston's building. Main street, operated one of their threshing outfits in rear of their offices during fair week, to the entire satisfaction of all visitors.

JOS. MAW & COMPANY were at home to their many customers and friends in their spacious showrooms on William Avenue. The Hancock-Maw disk plow was an implement that drew the undivided attention of every farmer who paid the establishment a visit. Mr. White, head manager of the Brantford Carriage Works, was present all week and assisted in explaining the vehicles of his company which are handled by Maw & Co.

THE WARDER-BUSHNELL COMPANY, of Chicago, III., offices and warerooms located in the J.W. Johnson building, entertained a large number of visitors during fair week. A handsome display of rakes, mowers and Champion binders was arranged on the main floor for inspection of callers

FROST & WOOD IMPLEMENT COMPANY'S Warerooms were well filled with samples of the numerous lines of farm implements manufactured by the company at their factory at Smith's Falls, Out, during fair week. Many visitors to the city availed themselves of the opportunity and visited these showrooms and inspected the exhibit.

THE CREAM SEPARATOR men all mutually arried to remain and receive visitors at then downtown showrooms rather than open up exhibits at the tair prounds. The result was that a greater display was americal those interested in these laborsaving

FAIR VISITORS. Among the many prominent visitors who called at the "Advocate" tent on the Winnipeg fair grounds were: John Isaacs, the noted Shorthorn unputer and breeder. Mr. Isaacs is on an exit to the farming and ranching districts of the West. John Jackson, of Abingdon, Ont the with nown breeder of Southdown sheep. He arroying a holiday, and seeing for himself possibilities of the West, Prof. Thos 51. the Minnesota School of Agriculture and **[1] The Farmer, of St. Paul. The Professor f breeds in 1901 at Winnipeg and also tle at several Western local heirs, and 11.1 friends throughout the West 1110 aself as well pleased with the 1110 be in the quality of the liveturt raham Galbraith, junior 1 raith & Son. Jamesville. blished a heavy-horse em-13: com which point they have a 1111 dent draft stallions during ble A. Turner, Calgary. breeder and Larse judge W r flow for the Industrial, as ti. the week Henry Wade

gram separators on the market. Mr. Beemer, the in-registrar, of Torondo, whose signature at least is ventor, was present and successfully performed several familiar to every besselven and Atlantic to Pacific. The veteran breeder of Scarthorns who recently of all present. A factory will be opened in this city dispersed his head. Mr. Madder Lynch, of Westbourne, and our and trend. Donald Stewart. were interested spectations at the ringside while the red, white and rooms were being judged.

The Winnipeg Industrial now attracts many distinguished visitors. Among the hundreds of prominent men were senators, members of the Dominion House, Territorial and Provincial Legislatures, railway magnates, and others. The President. Vice-president and Manager of the Minnesota State Fair were interested visitors during two days of the show.

Immigration Problems.

There are so many phases of usefulness in compacion with the care and proper location of the cosmopolitan crowd of new settlers passing through the hands of the Dominson Covernment officials, that a chapter might be written on a new subject connected therewith every day in the year. One has only to pend half a day in the office of J. Ohed Smith Commissioner of Immigration at Whinipeg, to realize this act, and upon mature consideration it could seem that deatils prospective and present are houghy being considered, so that no congestion has occurred so far at any point in the vast territory confirsed in the term "Western Canada" Bringing the right class of people into the country in numbers that can be casely assimilated, is a source of constant care on the part of the Department, but much discrimination has to be given regarding the various localities wherein the various nationalities are placed. It would be manifestly unfair, and perhaps unwise to impose on English-speaking people the close contiguity of foreign-born people, though there is much wisdom in the principle to which the Department adheres in their strong and sturdy confidence in the dominance of the English tongue and Canadian institutions, so that an easy intermingling of all classes takes place very soon after their settlement in certain parts of the great Canadian West. The foreign-born settlers are rapidly giving up their native habits and taking on Canadian methods and ideas for their individual betterment and the development of the country as a whole Careful observation and enquiry will elicit the fact that Galician and similar classes of farmers (for all those brought into Canada followed the plow on the land from whence they came) are located in districts which Canadians and Britishers would not appreciate The placing of such foreigners in the townships denuded of timber suits such settlers well, and on a sound economic principle it must be admitted that such portions of the West as would otherwise be "waste" are by this policy turned, in the course of a few years, into farms and life-supporting holdings. which improve from year to year until results similar to those in the older settlements of Galicians prove the wisdom of this action.

It is known that in one settlement alone during the year 1901, no less than 65 self-binders were pur land can be made to require such or getting all kinds of land settled with agriculturets toffow is at once extablished.

In a recent issue of a Winnipeg daily, some credit was given the Commissioner of Immigration for Li, can'ts toward settling the foreigners, and it is true, but such work is only one item or policy which kindly takes in hand every stranger in our midst and rivehim all the benefit that governmental and personal experience can give. To deal with the so-called foreigners requires a large amount of labor, and the souder is that so much a accomplished with so small a scale, but a visit to the beadquarters of western immigration at Winnipeg easily shows a number of other sides of this deportant and fully interesting question. The torogour does not expect the same treatment as Engli h speaking immigrants do ; the have not been used to such courteous and interested treatment from Government offends in their native land, and it is in dealing with the Canadians, Br t isher- and American that the left work of the Is migration Department is done. They are people to tike thoughts, and amount on a the officials, an while their intelligence can be at once appealed to vet there is a great did odt) concline, experienced in showing them that the condition of life in Western The exUne odd must power and the try of not from what
injuries they have been weed to if to a and the try of rotack extack extack exof many new arrass that a great e wholls we ear of their trust and a few and a the state of the s construction at horse or referred to open of Danie Nation to be the fit is in the end of past thought a constant to the form e past too and a conster? to hours are a of most, the advantable by the control of the contr to the transfer

The mercels of mening are in many instances very damenas arm "eve let it be noted that many Linguish-speaking barrier are struck with the roughand tumble rather on farring which they see outside the older set sed not a Whates on Western Canada. There never was any good chase why a new settler the first year should not spend a few cents in vegetable seeds, and plant a new trees fround the house or shanty, whethever $\tilde{\nu}$ negy be, to give in the fast place a charge or that and in the next to help the women-logs as well a tre herstolk to appreciate their home on the form, no natter how samble that

It has seen our pleasing experience to note the extending or the glad hand to new arrivals by the various national societies in Winnipeg. The Irishmen, the Scotchmen, the Walshmen, the Icelanders, and even the Lebsews, make their countrymen feel at case as much as possible and who shall estimate the amount of other that some horners brings to the weary traveller in a strange Leaf * The Immigration officials find their work all the lighter when these societies do their work as they do. It is a pity, however, that there appears to be no similar society for the Englishman to and manes among It is to be Loped that public-springd Lugh hosen in Winnipeg will take steps to show their own prome that they are wanted here, and when they do some to be that they receive fair treatment at the hands of those who may for the time being engage them. A sturdy branch of St. George's Society should take a hand in this great and good work. A kind word and good advice is like casting bread upon the waters, and will sure y return with reward even though many days elapse.

The harvest season will soon be on, and as many harvesters as can be induced by the Immigration Department to stay in Western Canada will assuredly have the way made open for them to do so. The induations this year are that a large number of such helpers will be required. Over 19,700 were brought talo Western Canada for last harvest through the efforts of the rathways, the federal and provincial authorities, and nearly 5,000 of those stayed with us, and acted wisely in so doing. The work of securing such help will undoubtedly fall on the railways and immigration officers as am this year. The Commissioner of Immigration cound relate some strange and awkward experiences on this sablect. The Minister of the Interior directed the agents of the Department throughout the States to secure as many harvest hands as possible from south of the line a good stroke of business, showing his faith that those who would come to work would stay to homestead. Those who started from the Western States of the Umon doubtless arrived in due course, but their journey was broken. They had to pass through Minnesota and North Dakota, where there was great dearth of labor at about the same time, and fancy prices were offered to stay there for a period. Farmers boarded the trains carrying "our" harvest hands northward, and almost took them off the train by force. In one instance, an agent started with nearly 200 harvesters on board bound for Canada, and all he got here with was eight souls, and it is rumored he had to sit on thera to keep them in the cars.

It must not be forgotten that a large amount of energy is necessary in order to secure for Canada the right kind of people, and the fact that so much abtipathy is shown in places from whence emigration s starting, is a sure indication that the energy has been well directed on this condition of affairs, the proposed emigration of Wel hinen from Patagonia af tords a striking example. Already 250 of the e Welsh chased by Galicians to take on their crops, and it men, after spending its weeks on their long journey Tota Palagonia to Canada, have settled in Eastern ery, the value of carrying out the economic principle. Assumbora, and it is hoped that many more will OBSERVER

Wananesa Fair.

The helt of weather and a comparatively large crowd greeted the Wawanesa Fair on Thursday afternoon, July 17th The exhibits were fairly numerous, and of a good clas-

The horses shown were a line of first class animals all through, and the exhibitors deserve a good deal of credit as expert horsemen. In the general purpose class. Mr. Peter Elder, Rounthwaite, carried of the red tacket and seldom in a show ring is een a oner of better matched team. They are of Clyde dide breeding and by Prince of Male , light bays, both mass, our seven and

The other four years of one Mr. Wm. Chalase. Hayneld figured spromit Lently among the cattlenger receiving fir f prize on all but three of his animals, and corrying edthe weep taker on the head.

The different breeds of same were represented bt at many different men, all howing fine hogs. King Bros., with their York hire hogy took fir a place and the sweepstake. Meer Kine Broare widely Isaawn for their high the agreed, of You I - hire

Poultry, grain, danes, we state that the state of a sec. were well represented, and re-

The tellesses to settent risi re of literations as a Called H Noted at Corte Redu Los 170011 W 11 (:...

Successful (alf-raising.

racine, according to by hand that is, had Where milk from the pan as is the usual practice in dairy berds or in those of the general farmer-it is important that good judgment be used in the method and manner of feeding, in order to avoid derangement of the digestive organs of the young animal and the troubles that are hable to follow. In the first place, there is certainly no better course for the welfare of the calf when it is born than to allow it to draw from the udder of its dam in the natural way small quantities at a time of the colostrum or first milk of the cow. This is nature's provision for bringing about the action of the bowels and giving the calf a safe start in its new line of life. The cow, in her affection for the calf, it left alone with it usually shifts her position frequently while it is sucking. thus allowing the caif to take but little at a time, and as often as it desires. It is all the cetter for the calf if it is left with the cow for two or three days before being taught to drink from the pail. The opinion probably prevails that this is not the best practice in the interest of the cow, as the longer the calf is allowed to remain with her the more she will frot when it is reremoved, and the common practice, we believe, is to take the calf away from her sight as soon as born or to allow it to suck but once. It is worth while to consider whether this unnatural course may not account for most of the cases of socalled milk fever, from which so many cows are lost. From extended experience with cows of the beef breeds allowed to suckle their calves, the writer fails to recall a single instance of milk fever, though some heavy-milking cows were owned. The experience of an English dairy farmer, published in the "Farmer's Advocate" a few months ago, confirms the theory that milk fever may be avoided by allowing the calf to suck its dam for a few days, as the writer referred to deposed that in a large herd of heavy-milking cows he had not had a single case of fever in many years, and his practice had invariably been to leave the calf with the cow for at least three

days, and in no case to milk her out clean during that Whether there is anything of value is this theory or not, and we are inclined to believe it is quite as reasonable as most of the other assumptions on the subject which have been published, it is certainly important that the calf be fed in small quan tities and often from the first milk of its mother. warm and fresh from the udder. In feeding it, the good old plan of giving the finger to the calf to suck while partaking of the milk cannot be too highly commended as this

is the nearest approach to nature's way, unless a rubber nipple be used, as it is one of the very best correctives of digestive disorders. When the finger is so given, the call drinks more slowly. jaws so freely that a large quantity of saliva is digest the food, and when water is added fermendigestion and abstracting the most nourishment from the milk. The ambition of the average calffeeder is to teach the youngster as quickly as possible to drink without the finger in order to save time and trouble but ios the welfare of the calf if is a criave at that to be higher the processing risk and the most be said, in almost cerreconstrate.

The early of a constaining read after the mittal period open and one a condition of a time and other delivers. weeks and an entry a led at about the temper clark or this a come from the cow. Which can not should be even three time a day for the set too weels then one half the quantity may be showned north, and at the end of a month a crossed and fed warm but be the whole taken thus to both daysed fells may be added with also you and the cult should early be taught to act was a f and out of the e-SHIBITET darkened sheds, w flies, or it is a shed to probe it? cold rains. With a judicious treatment ment, if taken in it be corrected by wix mes lowed by a raw ero or lessening the quantity until the digestive ore u normal condition

The long, bright day of have been ideal days to v. have practically ensured a splended

OUESTIONS AND ANSWERS.

it. Questions asked by bonastide subscribers to the "Farmer's Advocate" are answered in this department free. 2nd. Our purpose is to give help in real difficulties: therefore, we reserve the right to discard enquiries not of general interest, or which appear to be asked out of mere curiosity.

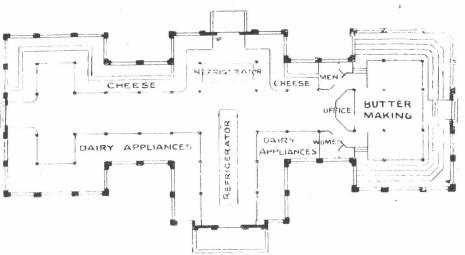
ord. -Questions should be clearly stated and plainly written. on one side of the paper only, and must be accompanied by the tall name and address of the writer, as a guarantee of good faith, though the name is not necessarily for publication. th.—In exterinary questions, the symptoms especially must be fully and clearly stated, otherwise satisfactory replies can-

not be given. Veterinary.

WORMS AND BOG SPAVIN IN COLT. I have a two-year colt troubled with worms. He has been on grass since 28th of May. The same colt slipped on cement floor last winter and caused a lump on hock. The lump has grown bigger on both sides and in front. Would you advise the use of caustic balsam?

Ans.—Colts very rarely suffer from worms while on pasture. Occasionally, however, we find that they do. Some animals have a natural predisposition to this trouble and require constant care to be kept free from these parasites. ozs. each of sulphate of copper and sulphate of iron; pulverize finely; mix into a dozen powders and give one each day till done. Then give a purgative dose of 1 oz. Barbadoes aloes. The lump on hock is a bog spavin and thorough-Apply to the enlargement once a day the following: Four drams each of biniodide of mercury and iodide of potassium; mix with 8 ozs. of water. This trouble can be treated more successfully during the cold weather, and, if your colt is not lame nor the enlargement very big, it might te as well to put off treatment till next winter, but if the enlargement is considerable and if the colt is lame it might be better to treat at once.

STOMACHIC TROUBLE IN COLT. I have a three-year-old colt that was poorly wintered. I put him in the stable and have been feeding him $2\frac{1}{2}$ gallons of oats and a gallon of bran and hay daily. After drinking he belches



PLAN OF NEW DAIRY BUILDING, TORONTO EXHIBITION.

wind, and I am afraid it may develop wind sucking.

Ans.-The change of diet has been too sudden. and the wonder is that you have not had more and in the act of imbibing uses its tongue and serious trouble. The stomach is not able to and mixed with the milk, aiding tation take's place and he fortunately gets rid of the gases per gullet. There is no danger of it developing wind-sucking; in this case a horse takes wind into the stomach instead of beloning Give your colt a purgative of 7 drame ginger follow up with I dram each sulphate of iron and gention and 2 drams bicarbonate of soda take dails. Feed about half the quantity or outs and praduals increase as his digestion suprotes Give regular exercise except during the operation of the purration.

JOINT ILL My more's colf did well for two works because large on left hind leg at fetter. It tends and rin a grayer brown fluid: these standards had be because affected at the book 1%. n d - ept blace. Then the shoulder -

tected and it used in two days

And a serviced died from boils in carried to a regressioning at the - little avail. The Treatment previoled by applying to the tax furth end event times daily and hear - but in coraposed of 1 part limete is kun rosuposed or i passilimete is kun parts water. Arve ant will as wor the same parpose was seen and and preventive the Vaveate 'et M BRONCHOCELE

and two mouth

Miscellaneous. STANDARD WEIGHT OF DIFFERENT BREEDS on SHEEP.

What is the standard weight of the leading breeds of sheep, both ewes and rams, at matter JNO. RACL. Ans.—The standard weight may be taken

abor	it as follo	ws:				
	Lincoln,	not	less	than	Rams, 275	Ewes. 225
	Cotswold,		* *		250	22.5
	Oxford,				250	200
	Hampshire,			• •	250	200
	Leicester,				22)	17.5
	Dorset.	٠.		• •	215	165
	Southdown.			**	150	125

The Stomach Worm (Strongulus contortus).

Ravages of the stomach worm affecting sheep goats and many cattle are usually felt in mfected flocks late in July, August and September the lambs and yearlings being the ones to suc cumb, or, at least, show symptoms earlier and more pronounced than older animals; yet the latter are by no means exempt. The symptoms are not very characteristic and scarcely permit a precise diagnosis. There is dullness, languor, intense thirst, anamia and emaciation. There may be subacute colic and black diarrhoa, which usually terminates fatally, especially in lambs, a post-mortem of which reveals the true identity of the disease. The sheep, as with all ruminants, is provided with four compartments in its stomach: 1st, the rumen, or paunch, acting as a receptacle for coarse particles of food not fully prepared for digestion: 2nd, the reticulum, which aids in returning the coarse food from the rumen to the mouth, to be remasticated; 3rd, the omasum, or manyplies, which also prepares the food for digestion; while the 4th, abomasum, is the true digestive stomach (and immediately precedes the small intestines). It is in this true digestive stomach where the stomach worm lives, abstracting blood from its mucous membrane, causing great and rapid emaciation and death from the irritation therein produced. In holding a postmortem, care and close observance is necessary, that the worms may not be overlooked. The stomach's lining membrane will be noticed to be somewhat inflamed, which, if examined immediately after death, great numbers of living worms, of a pinkish brown color, will be seen to move. (The writer has seen the stomach walls a living mass and in constant motion.)

Scientific investigations have proven that the stomach worm is aided much in its life-history by the presence of pools of stagnant waters, if, indeed, the presence of such is not absolutely necessary for their existence. The ova of the parasite passes away in the animal's droppings, which become washed into the stagnant water, from which, in too many cases, animals have to depend for their drink. The ova there hatches and assumes its larval form, which, if taken up by the sheep, again completes its life cycle. It is, therefore, evident to the thoughtful flockmaster how important it is not only to supply fresh running water to their animals, but also to fence or drain such sources of contamination to insure the safety of their stock. In the treatment of stomach worms, when their presence has been established beyond doubt, many agents (vermicides) are within reach, and many experiments have been tried within the past five years, especially in the United States, where great ravages have been wrought in many sections. The writer has found the most stisfactory results from fresh nowdered areca nut, in small-teaspoonful doses to a 75-lb, lamb, suspended in 3 or 1 ounces of water and given in a drench, and repeated in about a week; also, in the fluid extract of kamala, in dram doses to each 50 lb weight of lamb, dissolved in twice is own bolk of glycerine, and added to two or three ounces of water and given in a drench. The better treatment has probably more advantages. ville fewer areadvantages, than anything yet and and ecparded by many who have tried a specific when the animals have been and lefor too great enaciation has become Histor Wistever course is pursued, or agent loved, it - presessary to remove the sheep shately after treatment) to non-infected pasand we are consciution is great, good food

> JOHN SPENCER, Veterinarian Mid I ... Mount Station

Chicago Markets.

Cattle Receipts, 3.500, including L000 (Sections: Steady: good to prime steers go. A and 5 ar 88 c rns: stendy; good to prime steers por to medium, \$4.75 to \$7.80; stockers sign to 87.77; good to choice heavy, \$7.70 sign to 87.10; light, \$6.75 to \$7.50; bulk stems sheep and lambs, dull and lower ; Rsalao to \$4.00; fair to choice mixed

Montreal Markets.

at Carle Only three or four of the best as very few went beyond \$4.00. Fairly ost at and the common beasts at from every also were bought by the cannets are people at from 2 jc, to 3 jc, per lies \$1.50 s 1.50 as h.

British Cattle Markets.

where X is a fine cattle, steady, at He, to High reflect on both M , we fill

WOVEN WIRE

FENCING.

MANUFACTURED IN CANADA.

The best selling because the most satisfactory.

"American" Field Fences

For horses, cattle, sheep, and hogs. All styles and heights 20 inches to 58 inches high, with stays 12 inches or 6 inches apart.

Six styles. Heights, 18 inches to 58 inches.

er

utc.

nel

at

are 1'e-

111-

laV ich , at

is h:

.cle for

the or

dirue

the ive

ct-

ing the stry,

The

be di-

1115,

ing

by

in-

es-

site

be-

om

end

the

ere-

OW

ain

ach hed ithried ted ght

ost eca

mb. in

in to rice

or

The

res. ried een ome gent reep

185ood

11:

1.000

teers kers

wer: \$7.50 bulk

wer ixed.

AMERICAN and ELLWOOD fences from your dealer, write to us and we will help you. om

(LIMITED),

HAMILTON, CANADA.



"AMERICAN" FENCE.

"Ellwood" Field, Farm and Lawn Fences.

Styles. Heights, 18 inches and commence of the personal former I' you can't get the celebrated

THE CANADIAN Steel & Wire Co., And and an and an analysis of the analysis of the state of the analysis of t

"ELLWOOD" FENCE.

BINDER TWINE

Now is the time to get your supply of the celebrated

DIAMOND A.

at lowest price. None better. HAY FORKS, BINDER SICKLES. SECTION-RIVETS, MACHINE OILERS, MACHINE OIL (best that money can buy). Write us. and secure your twine at once. Every ball guaranteed.

Johnson & Co., Leading Hardware, Brandon, Man.

The Veterinary Association of Manitoba,

Under the authority of Sees, 18, 19, 20, 22 and 26 of the Veterinary Association Act, 1890 (53 Vic., Chap, 60), the fellowing persons only are entitled to practice as Veterinary Surgeons in the Province of Manitoba, or to collect fees for the service rendered as such:

Of the same of the	
Baker, G. P	Russell.
Barry, W. H. Braund, F. J. Brocken, G. E.	Cartwright.
Request F 1	Wawani 89
Proglam G F	Clan William
Clark, J. S	Russell
Tark, J	Brandon
Coxe, S. A Cruickshank, J. G.	Indomine
Criffekshank, J. G	Winnipur
Dunbar, W. A Elliott, H. James	Davidor
Fisher, J. F	Describer.
Figher, J. P	Two books
Frame, R. Golley, J. Golley, J. Golley, J. Golley	Trenerne.
Colley, J	. Trenerne.
tirali em, N	Daupnin.
Green, E Harrison, W Hatton, J Henderson, W. S	Butle.
Harrison, W	Cypress.
Hatton, J	. Alexander.
Henderson, W. S	Carberry.
Hilhard, W. A Hilton, G. Hinman, W. J.	Minnedosa.
Hilton, G	Portage la Prairi
Hinman, W. J.	Winnipeg.
Hoderns I	Minnedosa.
Hurt, W. N. J.	Belmont.
Hurt, W. N. J.	Stonewall.
Lake W H	Miami.
Lawrence P	Shoal Lake.
lattle, C	Winnipeg.
Little M	Pilot Mound.
Little W	. Boissevam.
Little, W Livingston, A. M McFadden, D. H	Melita
McEadden D. H.	Emerson.
Victoria ray (° 1)	Rinscarth
Makan Di II	Brandon
M. Langeber P. A	Moosomin
Meetin Ray, C. D. Meetin Ray, C. D. Mekay, D. H. Metiooghry, R. A. Mettin, A. Wattin, W. E.	Oak Lake
VI COUNTY IV E	Winninger
MATCHE, M. P.,	L'illarnay
restall, R. G	Criencold
Mutray, G. P.	Winning
Maria III III	Hartmay
tape, b. b. facious on, P. E	kmargan
LOUGHSON, I P.	Mandan
THEOREM, M. D	Dist.
Bowepelt, G. V Sto. 14, W. A Smith, W. H	birtie.
71.0 . 13, 17	
Мин, М. Н	Warman.
Street H D	Winnipeg.
** St. (Stell, C. A	Concert ratins.
Not them, J. A	. Carman.
in the front Walliam and the contract of the c	Carberry.
She sent J. A.	. Portage la Frairi
The Transport of the second	Killarney.
J. St. c	Minto.
A STATE OF THE STA	Roland.
г. Ч. А	. Hamiota.
r. M. V 	Winnipeg.
M	Rapid City.

tice of the veterinary profession in Mani 8 other person is in direct contravention of and renders him liable for prosecution.

TORRANCE, REGISTRAR.

er of Shorthorn breeders met during or of Shorthorn breeders med during in Winnipeg, in put stance of a call to Shorthorn breeders' association fo-tors, as a result of meetings held hel-ther full discussion, it was finall 'o organize a special committee of breeders inside the Pure-bred Cattle breeders inside the Puresbred Cattle Association, under the convenership sector representing the breed in that sa, it being thought that just as much secondished in that way, with less of machinery. Mr. Henry Wade, of being present, was called upon discussion, and gave a clear under of the situation. The meeting was ewing to the many other engage was representative. The following of the Messrs, F. W. Brown schame, Washington, W. S. Lister, Wu in Benton, R. S. Preston, E. Mess, Bray, Jo., Yuie, A. Graham, E. in Graham, H. O. Ayearst, and Geretary)

GOSSIP.

Mr. John Orr, of Swan River, is making a start in Galloways, being satisfied from what he has seen of them that they are a breed particularly adapted for this northern country. He has recently purchased from Mr. Martin, of Hope Farm, St. Jean, the second-prize yearling bull at this year's Winnipeg Exhibition, Lord Stanley 19054, and the yearling heifer, Clemmie 18489, bred by Mr. McCrae, of Guelph, Ont., and bought by Mr. Martin at Chicago International, 1901. Lord Stanley is bred from the choicest stock in the Galloway herdbook, and Mr. Orr is to be congratulated on his selection.

A meeting of breeders of Polled Angus cattle was held in Winnipeg during the time of the Industrial Exhibition. Mr. Henry Wade, Live Industrial Exhibition. Mr. Henry Wade, Live stock Registrar, Toronto, was present, and after a full discussion it was decided to organize an association for the purpose of conducting a Canadian record of the breed. A committee consisting of Messrs. W. Chifford, J. D. McGregor, and F. J. Collyer were appointed to prepare a constitution, etc. Mr. F. J. Collyer was appointed secretary protein, and it is the intention to take further steps to complete the organization next winter. The feeling of the meeting was in favor of carrying on the record through the Ontario department under Mr. Henry Wade, provided the Angus breeders of Ontario will co-operate.

NOTICES.

A BIG FLOUR MILL

A BIG FLOUR MILL.

The Goldie & McCulloch Co., Galt, Ont., through their agents here, Burridge & Cooper, have just closed a contract with Messrs, J. Knight & Sons, Raymond, Albt., in the Mormon district, for a three-hundred bushel flour mill, which is to be completed this fall. Ray mond settlement was only opened up about a year ago with emigrants from Utah, and it is an icipated that this will be one of the most prosperous settlements in the Northwest Territories in a few years.

WOVEN WIRE FENCING is steadily grow WOVEN WIRE FENCING is steadily grow ing in favor with farmers and stockmen every where, having passed the experimental stage, and, being at once cheap, durable, sate and satisfactory, is bound to be the tence of the future as it is of the present. The "American field fence and the Ellwood field, tarm and lawn fence, manufactured in Canadian Steel and Wire Company, Limited, Hamilton, Ont, advertised in this issue, trackey tanks among the very best of the worken in fencing on the market, and should be reagained for and examined by all contemplarities by a cities style of fencing. tible style of fencing.

INDER TWINE is a seasof the state and will be till the bumper crop of state to senting for the harvest is bound it to be it. It will be the part of wisdom to extre a seasof of a sound sort early it has a state of a sound sort early it has a state of a sound sort early it has a seasof of Brandon as a resonance and in this paper, are prepared to her famous Dramond Ax It wine the price, as well as the other can be applied by the them to the sort with with a seasof of the sort of the s

Prize List, Winnipeg Industrial. [HORSES.

of heavy horses. Dd. W. Charl-Theren, Ont. dee of Laht horses J. F. Quana. S. Brainpron, Cut.

CLAUFESPAMIAS—Stallion, four years or over—1 Hon Thos Greenway skings of the Clydesi; 2 George Cartwright, Reseal Gooden Hero); 3 A & G Witch Lansiden, Assa (Prince Stancy)
Stallion, 3 years old—1 Pr. Henderson, Stanton, 2 derviswood); 2 T Uider, Grandow, 3 P. E. Anderson, Flemand Stallion, 2 years old—1 T Fider, Grandow, 3 P. E. Anderson, Flemand Macategor of the Glen); 2 A J doore, Swan Lake (Glen Morris), 3 D Fraser & Sous, Elmerson (Sandy Maggegor, Stallion, yearing—1 Win Landerson; Washing, 1 Hon Thos Gleenway, 2 T Fider, 3 S Benson, Nearona Brood make and two of her progenty 3 years and under 1 T Fluer, 2 J Winhart, Portage la Prairie, 3 S Benson Thise year of different A Brown, Portage la Prairie, Two yearsold fility—1 Carruth A Brown, Lodf i John Wishart; 2 T Fider, 3 S Benson, Ninga; 3 John Washart Yearling filly—1 J B Thompson, Hoal i John Wishart; 2 T Fider, 3 S Benson Valle, any age, diploma—1 and 2 J B Thompson, Stallion, one year and over, foaled in Maintobia, New T, or BC—1 and 2 J B Thompson, Stallion, ony age, cup, given by the Clydesdale Vssocialion—1 Hon Thes Greenway exige of the Clydes. CLADESPALLS -Stallion, four year Kug of the Clydest.

King of the Clydes).

SHIRES, Staffon I years or over 1 John Armstrong, Pflot Monad (Wilcott Themper), 2 J. Wrig, Mc ergon, 3 Reid & Weightman, West Halbuthavin Victor Chael. Staffon, 3 years old 4 Reid & Weightman. (Pawsnere Prince). Two-year-old filly 1 F. J. Staff, Brandon, Nare, any arg, distonat 1 F. J. Staff from the first staffon in the ringlish Skire Horse Somety. Staff books Gold modal doby Armstrong For best mare or 10 years restored in the Duglish Shire Horse Somety's Stadfooks—Gold medal. F. J. Stoff, Stadfooks—Gold medal. F. J. Stoff, Staffonk arg, Clydesdale or Shire, special by the Horse Breeders' Association of Manistoba—I Hon. Thos. Greenway, Brood boare, with foal by side, any age. Breeders' Associat Benson, Neepawa

Benson, Neepawa.

DRAFT HORSES, Brood mare with toal by sides 1 D. T. Wilson, Assessippi (Daisy); 2 G. Cartwright. Brood mare, with two or her tree ens. 3 years, and under-1 Wilson (Daisy), 2 Cartwright Two-year-old gelding or filly 1 and 2 D. T. Wilson, Yearling gerding or filly 1 and 2 Wilson, Foal 4 and 2 G. Cartwright; 3 D. T. Wilson Teatn, geldings or mares, suitable for dray purposes 4. J. B. Thorapson; 2 J. Stott; 3 Eake of the Woods Willong Co. Team of geldings or mares, suitable for farm purposes, in harmost to a waron; 1 D. T. Wilson; 2 A. Lawson, Ware, any age, diploma, J. Stott, Stallien and three of his get; get to be foaled in Manitoba, N.-W. T. or B. C. G. Cartwright, Colden Hero).

Hero).

HORSES FOR GENERAL PURPOSES Brood mare, with foat by
side 1 and 2 D T Wilson, 3 G Cartwright Brood neare and three of her
progeny, three years and under 1 D T
Wilson 2 G Cartwright Three-year-old
gelding or filly 1 J Stott, 2 R S
Preston, 3 G Cartwright Yearing gelding or filly 1 J Stott, 2 G Cartwright,
Load I and 2 D T Wilson, 3 G Cartwright Teams, geldings or mares, in
Farness 1 H Boyle Thornfull, 2 J MeLean, Pilot Movin a 3 J A Mitchell,
Winnivers Mare or gelding, any are,
diploma 1 J Stott Brood mare, with
feat by side mental by the Horse Breed
and Association of Manitoba, diploma
ribbon 1 D T Wilson

STANDARD - BRFDS Stallion, 4

west Association of Manifolds, diploma (althour 1 D T Wilson STANDARD - BRIDS Stallion, 4 years or over 1 C W Speers, Griswold (Brysons; 2 Joe Ren on (Sharper) 3 R Park, Wawatesa Brood mare with foally side 1 and 3 C W Speers 2 Colin Indister Yearling filly 1 J Park; 2 W Speers 2 Thos Scott Stallion and three of his get, est to be foaled in Manifolds N-W T or B C 1 C W Speers 2 Coron Sisting any are, seeml by the Hore Breeder' Association of Wantsola N-W T with the Breeder' Association of Wantsola Proceedings with feat to the special by Horse Breeder' Association of Manifolds (W Speers Bryons Brood tours, with feat to the special bodies C W Speers

This C.W. Species

RO MSTERS I reserve to the Common terms of the Show seared by the Power. Carbetti 2 servers to a Proces. Carbetti 2 servers to a Proces. Incompany there 3 I. Not have the servers I to the servers. we with load section 1 three times South 1 to Linday Section 1 to Linday Section 1 to Linday 1 to Lind The space of No. 1.

Large S. I. Corner of Corner of State of Corner of State of Corner of Corne We a series of the series of t 11' f for Herman

valuation, 1

or of the revaluation

of the Europe

1 of Worket

1 the Hill

of the real 31 formula 6 APRIAGIL ROS

A A Michaell 2 W Wilton, High Bluff, The Lyaser & Soire, Gelding or mare, in battle 2 16 hands or over-1 W Wilton, 2 D Fraser & Soils; 3 J J Moore-band, Mayeton, Station, any age, special, A the Porse Breeders' Association of Manifolia Frombull Horse Coasuperbal, Broad more with foul by side, speciality Lorse Breeders' Association of Mark details, Model association of Mark details, Model association of Mark details, Model association of Mark details, Association of Mark details, Association of Mark details, Model association of Mark details, Mark details,

side, special fly fail from the extension of Machinet to Volate.

HACKNEYS. Starbon, 4 years or over 1 J if thous on triggry (Blackmot), 2 A J vonte, Swan Lake (Carbine Hi); 3 R L M Powers base Herr). Staffion, 2 years A J Moore. Broodmare, with real by size A J Moore, three year old fifty A J Aloore, 2 J Wishart, Foat A J Moore. Staffion and three on his get, get to be loaded in Maritonia, New 1 or R C A J Moore etarbice. His Staffion, any age, special by the thorse Breeders Association in Maritonia J P Thomson (Blackfoot).

Hiotopic (Hibrid DS Staffion, 4 years or over 1 Portage la Prairie Staffick to bermood; 2 R L M Power

THORSELLHBELLS Stallion, 4 trais or over 1 Portage la Prairie Stadeate (Dermod): 2 R M Power (Hard those), 3 A Gorgan (Kasa Katasa), Station, 3 vers 2 W Goggn (Kasa of the Wests, Stadion, 2 years - J W McLanghim Brood mare, with food by ode 1 H Dusband, 2 W Goggn, One-year old filly J A Witchell. Stallion such three of magel, get to be haded in Maintelet, NW I or R C-R I M Power (Hard Line); Stallion, any age, special by Ho, e Breeder, Assaration on Maintelet, R I M Power (Hard Lines). SADDLE HORSES. Staffon, registered, four years and over, best calculated to produce saddle horses and army removalts 4 X Boyd (Raverio); 2

culated to produce saddle horses and army remounts 4 x Boyd (Raverio); 2 C Tridge, Gelding or may, 3 years old - Fraser & Sons, Gelding or filly, 2 years old - J Humter, Gerding or mare, over 15½ hands, to be shown under saddles 1 G H x Pickering; 2 Glen Campbell; 3 R G Watson, Gelding or mate, under 15½ hands, to be shown inder saddle 1 T Scott; 2 J W McLaughlin, 3 G Barrett Saddle and harnese made or gelding t H Kellay; 2 J x Mitchell, 3 J x Mitchell.

2 J. V. Mitchell, 3 J. A. Mitchell, PONITS, Pair in harness, 12 to 14\frac{1}{2} hands I.C. Cuthbert; 2 Mrs. F. J. Thompson Porx in harness, 12 to 14\frac{1}{2} hands I.W. I. Puxley, 2 Mrs. F. J. Thompson Saeddle pony, 12 to 14\frac{1}{2} hands G. Pecides, Pair points in har-ness, under 12 hands O.W. Batley, 1righ Blun, Pony in harness, under 12 hands 4 O.W. Bailey, 2 G. Williams, Saddle nony, under 12 hands, 0 W. Bailey. pony, under 12 hands 0 W Bailey.

CATTLE.

Judge of Shorthern cattle John Mil-ler, Jr., Brougham, Ont Judge of Lace cattle Prof. Curtiss, Ames, lowa, Judge of dairy cattle Alex Hume, Meme, Out.

Judge of dairy cattle Alex Hume, Menne, Out.

SHORTHORNS Bull, 4 years and over (added by D S H B A)-1 J G Parron, Carberry (Topsman's Duke); 2 R. McLennam, Moropano (Sir Colim Campbell), 3 G & W Bennie, Castleavery, Bull, 3 years (added by D S H B A) 1 Hon Thos Greenway, Crystal City (Sittyton Hero 7th); 2 Jas Bray, Longburn (Scottish-Camadian), 3 Mrs. Jane Brown, Mainton (President) Bull, 2 years (added by D S H B A) 4 W Ryan, Ninga (Lord Missie of Ninga); 2 J. G Barron (Pigrims, 5 Stephen Benson, Neepawa (James Stamford Watt); 1 Hon Thos Greenway, Bull, 1 year (added by D S H B A) -1 and 2 Hon. Thos Greenway (Stroma Stamp); 3 J. A Mitchell, Winninga (August Archer); 4 R McLennam Bull (added by D S H B A) 1 and 1 Hon Thos Greenway (Chonce Gaods or Frairic Home), 2 J. G Washington, Ninga, 3 Win Ryan, Bull call of calendar year 4 and 2 Hon Thos Greenway, 3 J. G Washington, Ninga, 3 J. G Washington, Ninga, 4 Jas Bray, Longburn Bull, any age, silver medal Hon Thos Greenway, Cow, 1 year, and 2 Hon Thos Greenway. Cow, 1 year, and 2 Hon T Greenway, Cow, 1 year, and 2 Hon T Greenway, Cow, 1 year, and 2 Hon T Greenway. Ninga. 1 Jas Way, Longollin bull, any age, silver medal Hon Thos Greenway. Cow, I year and over (added by D.S. H. B. A). I and 2. Hon T. Greenway (Jenny Lind Hin, 3 and 4. J. G. Barton. Cow, 3 years, added by D.S. H. B. A). I, 2, 3 and 4. Hon T. Greenway. Henter, 2 years (added by D.S. H. B. A). I, 2, 3 and 4. Hon T. Greenway. Gener. 1 year (added by D.S. H. B. A). I, 2, 3 and 4. Hon T. Greenway. Gener. 1 year (added by D.S. H. B. A). I and 2. Hon T. Greenway. 3 R. McLenman, 4. J. G. Barron. Henter calf (added los D.S. H. B. A). I and 3. Hon T. Greenway. 2. J. G. Washington, Ninga; 4. R. McLenman. Henter calf of calendar year. I. J. G. Barron. 2. Hon T. Greenway; 3. R. McLenman. Henter calf of calendar year. I. J. G. Washington. Three calves, under sone year old, also pecual as Purchosed. Cattle. Breeders, As occurrence of Mantolar diploma rithon 1. Ho. A. Greenway. 2. J. G. Washington. I hon A. Greenway. 2. J. G. Washington. I had add two son by seed 1. Hon T. Greenway. 2. J. G. Washington. I had add two son by seed 1. Hon T. Greenway. 2. J. G. Washington. I had add two son by seed 1. Hon T. Greenway. 2. J. G. Washington. I had a had a had a had a had a seed the first site and think and some be suched, also a least full and thine solidate also are followed as J. G. G. Aa had and J. J. G. Barron. J. J. G. Barron. 2. Hon T. Greenway. 3. J. G. Washington. I. R. Vellege an Pered tenken. I. R. Vellege and Pered tenken. I. R. ay tow tyear, and over tackded by

The part of the second of the Pertin

(continued).

Collyer, Welwyn, Assa, 2 Walter Clifford, Bull, any age, solver medal 1 see Boulton, Cow 4 Mats of over 1 Geo Boulton, Call—1 Geo, Boulton

GALLOWAYS—Bull, 3 years of over —1 Otto H Swigart, Champaign, Ill (imported Drung of Castlemilky, 2 Wm Martin, Whimipeg (McKenzie of Lockinskit), Bull, 2 years—Win Martin (Randolph 2nd of Thornfull), Bull, 1 year—1, 2 and 3 Wm Martin (General Hutton), Bull call—1 and 2 Otto H Swigart, Bull, any age, silver medal—1 Otto H Swigart, 2 Wm Martin, Cow, 3 years—1 Otto H Swigart, 2 and 3 Wm Martin, Hener, 2 years—1 and 3 Wm Martin, Hener, 2 Walter (all, under 1 year—1 and 3 Otto H Swigart, 2 Wm Martin Hener, bull and four females, any age, owned by one exhibitor—1 Otto H Swigart, 2 Wm Martin, Herd, bull and three females, all under 1 years—1 of Second 1 years—1 of Swigart, 2 Wm Martin, Herd, bull and three females, all under 2 years—1 Otto H Swigart, 2 Wm Martin, Herd, bull and three females, all under 2 years—1 Otto H Swigart, 2 Wm Martin, Herd, bull and three females, all under 2 years—1 Otto H Swigart, 2 Wm Martin, Herd, bull and three females, all under 2 years—1 Otto H Swigart, 2 Wm Martin, Three females, any age, the get of one bull, bred in Maintoba, N-W T or B C—1 and 2 Wm Martin

SPECIAL PRIZIS BY THE AMERICAN GALLOWAY BREEDERRS ASSO-

N-W T or B C-1 and 2 Wm Martin SPECIAL PRIZES BY THE AMERI-CAN GALLOWAY BREEDERS' ASSO-CIATION—Herd, bull and four remales, any age, owned by one exhibitors of Otto H Swigart, 2 W Martin, Bull, any age-1 Otto H Swigart, 2 W Martin Female, any age-1 Otto H Swigart, 2 W Martin

SPECIAL PRIZES GEFERED BY THE CANADIAN PACHIC RAHLWAY COMPANY—SHORTHORNS—Bull, 2 years—1 J G Barron, 2 H O Ayearst, Middlechurch, 3 G & W Bennie, Bull, 1 year—1 G & W Bennie, 2 John Graham, 3 A A Bontl, Dauphin, Bull calt, under 1 year—1 J G Barron; 2 and 3 Hon T Greenway; 4 F W Brown, Portage la Prairie, Cow, 3 years—1 F W Brown, 2 Hon T Greenway; 3 J Graham, Heiter, 2 years—1 and 3 Hon T Greenway, 2 John Graham, Heiter, 1 year—1 Jas Bray, 2 R McLennan, 3 J G Barron, Heiter, under 1 year—1 Hon T Greenway; 2 F W Brown; 3 J G Barron, Heiter, under 1 year—1 Hon T Greenway; 2 J G Barron; 3 Jas Bray, Bull, any age—J G Barron; 3 Jas Bray, Bull, any age—J G Barron, Female, any age—1 Greenway. PRIZES OFFERED SPECIAL

Greenway.

HEREFORDS - Bull. 3 years or over —1 John Wallace, Cartwright (Young Actor); 2 J A Chapman, Beresford; 3 Benallack & La France, Winnipeg Bull, 1 year —1 John Wallace, Cartwright (Roblin). Bull calf—1 and 3 J A Chapman; 2 John Wallace, Bull, any age, silver medal—1 John Wallace; 2 Benallack & La France, 3 J A Chapman Cow, 2 years or over 1 John Wallace; 2 Benallack & La France, 3 J A Chapman Cow, 2 years or over 1 John Wallace; 2 J A Chapman Heifer, 1 J A Chapman Hener, 2 years—1 John Wallace; 2 J A Chapman Heifer, 1 year—1 and 2 J A Chapman, 3 John Wallace, Herd, bull, and four females, any age, owned by one exhibitor 1 John Wallace, 2 J A Chapman Two calves, under 1 year, also special by Pure-bred Cattle Breeders As ociation, of Manitoba—1 J A Chapman, 2 John Wallace, Herd, bull and three females, under 2 years, owned by one exhibitor 1 John Wallace, 2 J A Chapman Herd, three females, asiv age, the get of one bull, bred in Manitoba, X W T, or B C 1 John Wallace. HEREFORDS - Bull. 3 years or over

three lemales, any age, the get of one bull, bred in Manntolaa, N. W. T., or B. C. I. John Wallace, a.

ROLSTEINS Bull, 3 years or over 1. Mannoe Creamery Co., Wannipeg (Queen's Pride), 2 and 3. J. Oughton, Stonewall Bull, 2 years I. Jas Gleinme & Sons, Longburn (Chief Mercodes De Isoh Bull, 1 year 1. M. Oughton, Middlechurch 2 and 3. A. B. Potter, Wontgomery, Assa. Bull call 1. Jay, Gleinme & Sons, 2. A. B. Potter, Wontgomery, Assa. Bull call 1. Jay, Gleinme & Sons, 2. A. B. Potter, 3. J. Oughton Bull call of calendar year 1. A. B. Potter, 2 and 3. Mannoe Creamery Co. Bull and age, after modal. Magnover I. J. A. Gleinme & Sons, 2. A. B. Potter, 3. J. Oughton Bull call of calendar year 1. A. B. Potter, 2 and 3. Mannoe Creamery Co. 3. A. B. Potter, Cow, 3. Years 1. J. Gleinme & Sons, 3. J. Oughton, 2. Jas Gleinme & Sons, 3. J. Oughton, 2. Jas Gleinme & Son, 14 e. S. J. Oughton, 2. Jas Gleinme & Son, 14 e. Sons, 2. J. Oughton, 2. Jas Gleinme & Son, 14 e. Sons, 2. J. Oughton, and 3. James Gleinme & Sons, 15 emale any are in milk 1 and 2. Jas Gleinme & Sons, 15 emale any are in milk 1 and 4. Jane Chemic & Sons, 2. Municoe Creamery Co. 2. Jas Gleinme & Sons, 2. Municoe Creamery Co. 3. J. Gleinme & Sons, 2. Municoe Creamery Co. 3. J. Gleinme & Sons, 2. Municoe Creamery Co. 3. J. Gleinme & Sons, 2. Municoe Creamery Co. 3. J. Gleinme & Sons, 2. Municoe Creamery Co. 3. J. Gleinme & Sons, 2. Municoe Creamery Co. 3. J. Gleinme & Sons, 2. Municoe Creamery Co. 3. J. Gleinme & Sons, 2. Municoe Creamery Co. 3. J. Gleinme & Sons, 2. J. Oughton Therd Chemic & Sons, 2. Municoe Creamery Co. 3. J. Gleinme & Sons, 2. Municoe Creamery Co. 3. J. J. Gleinme & Sons, 2. J. Oughton Therd Chemic & Sons, 2. J. Oughton Therd Chemic

and four females, any age 1 and 3

PR.ZE LIST, WINNIPEG INDUSTRIAL I V Daward 2 1. Warshy Heed bull and 2 W W Smith

contation of Manifolds are located WA redwards 2 F. Winster.

Aversal Hospital States and States or over 1 How 1 Greenvey, crystal City Surprise of linessing thak, I year ord-1 S.J. Incorption & Sons (Loyal chief, 2 How 1 Greenway, Bull, calisation). How I Greenway, 2 W.M. Smith, Scotlane, Ont. Bead cast, calendar year -1 How I Greenway, 2 W.M. Smith, Scotlane, Ont. Bead cast, calendar year -1 W.M. Smith, 2 S.J. Thompson & Sons Bud, atyage, silver medal--How I Greenway, Cow. 1 years or over-1, 2 and 3 How I Greenway Cow., 3 years-1 and 2 How I Greenway Cow., 3 years-1 and 2 How I Greenway. Hence, 2 years old-1 and 2 from I Greenway. Hence, 1 years-1 and 3 How I Greenway. Hence, 1 years-1 and 3 How I Greenway. Hence, and 2 How I Greenway. Hence, and 2 How I Greenway. Hence, and 2 How I Greenway. Hence, bull and three fermales, under 2 years-1 How I Greenway. Hence the males, under 2 years-1 How I Greenway. Hence the males, under 2 years-1 How I Greenway. Hence the males, while I had be a summary. I wo calves under 1 year, buch by one exhibitor-1 and 3 How I Greenway. Two calves under 1 year, buch by one exhibitor-1 and 3 How I Greenway. Two calves under 1 year, buch by one exhibitor-1 and 3 How I Greenway. Two calves under 1 year, buch by one exhibitor-1 and 3 How I Greenway in year, buch by one exhibitor-1 and 3 How I Greenway in year, buch by one exhibitor-1 and 3 How I Greenway in year, buch by one exhibitor-1 and 3 How I Greenway in year, and a How I Greenway in year, buch by one exhibitor-1 and 3 How I Greenway in year, and a greenway in year, and year

ribbon GRAMME CATTLE BITTL Cow. years or over 1 John M Kennedy, Windpeg Heiter, 1 year 1 F J Collyer. Welwin, Assa

Welwyn, Assa
GRADL CATTLE, DAIRY Cow, 4
soars or over 1 A B Potter 2 and 3
Munroe Creamery Co Cow, 3 years 1
W V Edwards, Sourt - Heiter, 2 years
-1 J Oughton, 2 and 3 Munroe Creamery Co, Heiter, 1 years 1 Munroe
Treamery Co, 2 M Gughton, 3 J Oughton, Heiter calf 1 M Oughton, 2 and
3 Munroe Creamery Co, Herd four periods, over 1 year, owned by one exhibitors 1 Munroe Creamery Co, 2 M
Oughton. Oughton.

FAT CATTLE, ANY BREED Steer. FAT CATITAE, VXY 1931.141 Steer, 5 years and under 5 1 Low & Carry, Filot Mound Steer, 1 years 1 Hon T inconway. Cow, 3 years or overs-1 Hon T Greenway. Herer, under 3 years 4 Hon T Greenway.

SHEEP.

Judge-J. McQueen, Carievale, Assa
COTSWOLDS.- Ram, two shears or
over-1 W.H. Thorspoor, East Selkirk,
2 F.W. Brown, Portage la Prajrie Ram,
famb-1 F.W. Brown, 2 and 3 W.H.
Thompson, Ram, any age, diploma F.
W. Brown, Two ewes, aged 1 and 2 F.
W. Brown, 3 W.H. Thompson, 2 F.W.
brown, Two ewes, lambs -1 and 2 F.
W. Brown, 3 W.H. Thompson, 2 F.W.
brown, Two ewes, lambs -1 and 2 F.
W. Brown, 3 W.H. Thompson, Pen, ram
age, diploma, F.W. Brown, Pen, ram
age, diploma, F.W. Brown, Pen, ram
age, diploma, F.W. Brown, 2 W.H.
Thompson, Pair ram, and ewe, any
age, owseld by one exhibitor, special
by Sheep and Swine Breiders' Association of Manistoba, F.W. Brown
LEICT STERS, Ram, two shears, or Judge-J. McQueen, Carievale, Assa

tion of Manitoba I W Brown

LEICESTLES Ram, two shears or over 1 and 2 A D Gamley, Brandon 3 and 4 Dimean Sin hair Cakyille Ram, hearing 1, 2 and 3 A D Gamley, 2 Dimean Sinclair Ram axis age, difform 1 A D Gamley, I wo ewes aged 1 and 3 A D Gamley, 2 bound 1 A D Gamley, I wo ewes aged 1 and 3 A D Gamley, I wo ewes aged 1 and 3 A D Gamley, I wo ewes lambs 1 and 3 A D Gamley 2 and 4 D Sinclair I wo ewes, bambs 1 and 3 A D Gamley 2 D Sinclair I wo ewes, bambs 1 and 3 A D Gamley 2 D Sinclair I wo ewes lambs 1 and 3 A D Gamley 2 D Sinclair I wo ewe any age, diploma 1 A D Gamley, 2 D Sinclair Fen, ram, and two ewe lambs 1 and 2 A D Gamley, 3 D Din an Sinciair Pair, ram and ewe are age owned by one exhibited we are age owned by one exhibited we are age owned by one exhibited we are age of Manitoba 1 A D Gamley 2 Dinean Sinchair

or Manitolar I. V. D. Gan bey. 2. Dimean Sanchare.

LANCOLNS: Ram. 1 wo. Positis. or over 1. and 2. W. I. Lytte. Beacondideld. Man. Rem. Positises 1. 2. and 3. W. T. Lytte. Ram. and according W. T. Lytte. Ram. and according W. T. Lytte. Two cases aread 1. 2. and 3. W. T. Lytte. Two cases aread 1. 2. and 3. W. T. Lytte. Two cases aread 1. 2. and 3. W. T. Lytte. Two cases. Lytterial with a lytte. Two cases. Lytterial with a lytte. Two cases aread 1. 2. and 3. W. T. Lytte. Two cases aread 1. 2. and 3. W. T. Lytte. Positions area and cases. A second 2. W. T. Lytte. Positions are discovered by a second according to the case exhibition of the cases. Should be according to the case. Should be second according to the case. Should be second according to the case. A constron of Marchell W SERROPSITIRE S. R. a. 12 of over 1 D. F. Carlo I. Preston Peter Mesond in and 2, D. F. Carlo I. 3, G. Panto a visco diado a 12, J. Walley a visco diado a 12, J. Walley D. F. Carlo I. 3, G. Latte 2, D. F. Carlo I. 4, J. Latte 2, D. J. Carlo I. 4, J. Latte 2, D. J. Carlo I. 4, J. Latte 2, D. Sagebiton a 12, J. Walley and J. Marchell I. 4, J. Latte 2, D. Sagebiton a 12, J. Walley and J. Marchell I. 4, J. Latte 2, D. Sagebiton a 12, J. Walley and J. Latte 2, D. J. J. Carlo I. S. Latte 2, D. J. Latte 2, D. J. J. Carlo I. S. Latte 2, D. J. Latte 2, D. J. J. Carlo I. S. Latte 2, D. J. Latte 2, D. J. Latte 2, D. J. J. Carlo I. S. Latte 2, D. J. Latte 2, D. We take the second of the seco

Liano Harap Haran Wall La Lal

A Haward 2 i. Warsher Heed Land and 2 W M Smith 3 defend W M Smith, and three states all lander 2 years of age W A forwards here, three and talks been in Macrobia XW L, or B C, the set of one fact i W A Lowards Two concess saider i lead of also special by Physical Library Carlot and A W M Smith, it wo can be a Sons; 2 W M Smith, it wo can be a Sons; 2 W M Smith, it wo can be a Sons; 2 W M Smith, it wo can be a Sons; 2 W M Smith. I we are a Sons; 2 W M Smith. I we are a Sons; 2 W M Smith. I we are a Sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we we had a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W M Smith. I we are a sons; 2 W

DORSTIS - Ram. two sheats of over -1, 2 and 3 W H. Thompson. Ram, thearling-1 and 2 W H. Thompson. Two ewes, aged 1 W H. Thompson. I wo ewes, shearing-1 W H. Thompson. I wo ewe lambs-1 and 2 W H. Thompson. Two ewe lambs-1 and 2 W H. Thompson. Ten, ram are two ewes any age, and two ewe fambs-1 W. H. Thompson.

ANGORA GOVIS - Buck-Jas Bray.
Longtonn Poet Jas Bray.
Longtonn Poet Jas Bray.
FAT SHELD Wether, shearling-1 D
E. Corbett, 2 A D Gamity, 3 D Fraser
A Sons Tiwe, shearling-1 and 3 D E.
Corbett, 2 R S Preston, Wether lamb1 D I Corbett, Live land, 1 D E. Corbett, 2 D Fraser & Sons, 3 A D Gamley, Pen, three stoombase, 1 D E. Corcett, 2 A D Gamity.

SWINE.

SWINE.

FIETER SHIRES Boar. 2 years and over 1 Hon T Greenway. Crystal City, 2 J A Arcfoll, Neepars a floar. I year and under 2-1 ard 3 I W Brown. Portage la Prairie, 2 J M Ewens. Minnedosa, 4 H L McDiarmad, Headingly. Boat, over 6 morths and under 1 tear-1 iron T Greenway 2 and 3 J M Ewens. I A B Porter Boar of calendar tear-1 and 2 J A McGill 3 A B Porter. Broading sow. 2 years or over-1 and 3 Hon T Greenway. 2 Jas M Lwyrs. I J A McGill Breeding sow. 1 year and under 2-1 and 3 Hon T Greenway. 2 Jas M Lwyrs. I J A McGill Breeding sow. 1 year and under 2-1 and 3 Hon T Greenway. Sow of calendar vear-1 J A McGill Sow, over 6 months and under 1 year-1 J A McGill. Sow, over 6 months and under 1 prairie. Sow, any age different allon T Greenway. Sow of calendar vear-1 J A McGill. 2 and 3 F W Brown. Portage in Prairie. Sow, any age different hoar and three lengths, any age, deplona Hon T Greenway. Poor, any age, deplona Hon T Greenway. 2 J A McGill; 3 F W Brown fleed, boar and three lengths, any age, owned by one exhibitor, fee ales to be bred in Mannisham, N-W T, or B C i Hon T Greenway. 2 J A McGill; 3 F W Brown fleed, boar and three fer ales, any age, owned by exhibitor 1 Hon T Greenway. 2 J A McGill; 3 J M Ewens. Boar, any age, special by Pominion Swine Breeders' Association Hon T Greenway. Sow, any age special by Pominion Swine Breeders' Association.

HON T Greenway

AMPROALD YORKSTIRES Boar, 2-years and over-1 Pios II Cantield, lake Park, Minn., 2 Andrew Graham, Pomeroy, 3 A B Potter, Mentyomery, Assa Boar, 1 year and in der 2 4 Hon T Greenway, 2 Andrew Grakam, Boar, over 6 months and under 1 year 1 thos II Cantield, 2 flon T Greenway, 3 II 1, Medaamad, 4 Andrew Graham, Boar of catendar year, 1 Thos II Cantield, 2 sond 3 A B Potter, 1 Hon T Greenway, Breefing over-1 and 2 kho II Cantield, 3 flon T Greenway, Breefing over-1 and 2 kho II Cantield, 3 flon T Greenway, I A Grahama Breeding ow, I year and a rise 2 1 Andrew Grahama, 2 and 4 Tho II Cantield, 3 flon T Greenway, I Amaria II Cantield, 3 flon T Greenway, I and 4 Tho II Cantield, 3 flon T Greenway, I and 4 Tho II Cantield, 3 flon T Greenway, Sow of conclusive and under I year, 2 and 4 Hon I Greenway, Sow of conclusive and I A B Potter 3 Thos II Cantield, Sow and 1 A B Potter 3 Thos II Cantield, Sow and a title of page, not best flow one of the Cantield, I also flow and a title of page, not best flow one grade the case 2 flow 1 Greenway; 3 S J Flore and A Son lived local met and the case 2 flor 1 Greenway; 3 S J Flore and A Son lived local met well the case 2 flor 1 Greenway; 3 S J Flore and A Son lived local met well the case 2 flor 1 Greenway; 3 S J Flore and A Son lived local met well the case 2 flor 1 Greenway; 3 S J Flore and A Son lived local met well the case 2 flor 1 Greenway; 3 S J Flore and A Son lived local met well the case 2 flor 1 Greenway; 3 S J Flore and A Son lived local metals and the case 2 flor 1 Greenway; 3 S J Flore and A Son lived local metals and head and h - IMPROVED YORKSHIRES -Boar, 2 Chromwayi 3 S. J. Francisco, W. S. Berd, Iront and three consecutives, owned by one exhibited follows. It has the field 2 Andrew Cetars. 3 Horotroesway Herd control of the field soft and control of the field soft and control of the field for the field soft and owned at one exhibited exhibited and Swings Based A. Andrew Swings and Swings Based A. Andrew Combandary Andrews and Swings Based A. Andrews Based A. Andrews Bandrews Based A. Andrews Based A. Andrews Based A. Andrews Based A

TYMWORTHS

over 1 W Metros

B and 1 W 1 1

Econ 1 year one

S Preston Pilot V

Sons 1 metros

Grange 1 boar o

Inder 1 year 1 so

Man tou 2 W Met

Sont of calcuta

J and 1 R S P

Scotland Crt 1

or over 1 Wrs V

I and 1 W 1

I vear and 1 W 5

and Son o

vear 1 V

strains

Son W 1 Borth

Son W 1 Bort

Son W 1 Borth

Son Williams Data

Practical

or over Wan Mellites. Boar, 2 years or over Wan Mellite. Portage the France. Boar, 1 year and under 2 were Mellite. Boar, 1 year and under 2 were Mellite. Boar, over 6 months and under 1 year-Win Mellite. Boar of calcidar year-1, 2 and 3 Win Mellite. Sow, 1 year or over-1; 2 W. Mellite. Sow, of calcidar year-1, 2 and 3 -W. Mellite. Sow, any accomplomation of Mellite. Sow and little in pigs, not less than four, under 1 months 1 and 2 Win Mellite. Boar, any age diplomation of the Mellite. Sow and little in pigs, not less than four, under 1 months 1 and 2 Win Mellite. Boar, any age, special by Dominion Swing breeders' Association—W. Mellite. Sow, any a c, special by Dominion Swing Breeders' Association—W. Mellite. Poll AND-CHINAS.—Boar, 2 years of CHESTER WHITES, Boar, 2 Arm

Breeders' Association—W McBride,
POLAND-CHINAS.—Boar, 2 years or
over—I W L Trann, Crystal City, 2 W
M Smith, Boar, 1 year and under 2 1
W L Trann, 2 W M Smith, Boar
guder one year—I W M Smith, Boar
or calendar year—W L Train, Breeding
sow, 1 year or over—I and 3 W I
Trann, 2 W M Smith, Sow, under 1
year—I and 2 W M Smith, Sow or
calendar year—W M Smith, Boar, any
lage, diploma—W L Train, Sow and
itter of pigs, not less than four, under
I months, I and 2 W I, Train, Herd
tour sows, any age, owned by one exhibitor, special by Sheep and Swine
Breeders' Association of Manitoba, diploma riblom W L Train, Boar, any
age, special by Dominion Swine Breeders' Association—W L Train,
Sow, any
age, special by Dominion Swine Breeders' Association—W L Train. age, special by Dominion Swers' Associations W. L. Traun.

ers' Associations W. L. Traun.

JERSEY RED OR DUROC-JERSEYS. Boar. I year or over—J Oughton. Stonewall Boar, under I yearW.M. Smith. Scotland, Ont. Boar or
calendar year. I J Oughton: 2 W.M.
Smith. Breeding sow. I year or over—
J. W.M. Smith: 2 J Oughton. Sow.
in der I year. I and 2 W.M. Smith. 3 J.
Cughton. Sow of calendar year—I J.
Ought n. 2 W.M. Smith. Sow, any age,
ciptoma—W.M. Smith. Boar, any age,
uitoloma—W.M. Smith. Sow and litter
of pigs, not less than four, under 4 andoma: W. W. Smith. Sow and litter of pigs, not less than four, under 4 months 1. J. Oughton: 2. W. M. Smith. Herd, four sows, any age, owned by one exhibitor; special by Sheep and Swine Breeders' Association of Manitoba-W. M. Smith. Boar any age, special by Dominion Swine Breeders' Association—W. M. Smith. Sow, any age, special by Dominion Swine Breeders' Association—W. M. Smith.

BACON HOGS—Best pen of three

Association—W.M. Smith.

BVCON HOGS.—Best pen of three grade or cross-bred hogs, most suitable for the bacon trade. Special donation by J.Y. Griffin & Co., pork packers, Winnipeg—I.W.I. Trann. Crystal City, 2 and 3 S.J. Thompson & Sons, Judge Prof. J. J. Ferguson, Michigan Ageisultural Cellege.

DAIRY PRODUCTS.

Judge -A. Smith, Strathroy, Ont. CHEESE - Cheese, three, factory colored, 60 lbs or over, each made in 1902; exhibits a gold, silver and bronze medals—1 J. P. O. Allaire; 2 LaRochelle metals, 3 P. O. Allaire; 2 Larkochelle Cheese Factory, 3 Emile Lubois, Cheese, three, factory (white), 60 Hs or over, each made in 1902—1 J. P. O. Allaire, 2 St. Picite, Cheese Factory, 3 Ben Dut-con Cleese three, factory (white or concede, sweepstakes, J. P. O. Allaire, Howemade whole-milk cheese—1 Mrs. A. Harter 2 Mrs W H Alcock: 3 Mrs J thereington — Collection, cheddar, twin and yourg America—1 St Pierre Cheese Lactory, 2 Finale Dubois: 3 Mrs W P

wherek BITTER Two packages creamery, it not he satian 56 lbs each, for extent, condition of package to be considered, exhibition gold, silver and brother metals, or 830, 825, 815, 810 to Jacobs V Scott 2 Wm Newman; 3 A Schweider, Two packages creamery, packages creamery His each, for export rystal City Dairy As ter 50 to relations 3. d Gu tauson, 4. Brandon (wen'x Its creamery, prints Scott, 2 Mex Scott, 3 Wm 1. brandon Creamery, As-knew of resumery butter, 14, oth in weight, condition, of secules of 1 Jas. A Scott, 2 a 3 Mex Scott, 1 Brandon 4 Brandon B. Mey Scott I Brandon steel free last best creamery but a feet of creamery but a creamer score Jas A receive dairy. Not less will Mr. Scott 2 Mrs. Lear Scott, 4 Munroe and print starting dairy. The Robi Contest 3 Mrs. V. From Package fatting the 20 Hs, made by second of the Mrs. M. Landscott I Mrs. Length Scott I Wenty pounds. a Scott 2 Miss Lena Scott Liventy pounds, it is defined by years of the first set wart. 2 M C live set wart. 2 M C live mest farm dairy of packages or factor, with highest N Scott Tenavity made from the first set wart. Alpha Baby i Melt or 2 Mrs M live open to compete the best 10-lb Separator Co., Separator Mrs Victors in farm Select points on Vicxandra Cream a owner of separative scales for SIng 20d, barsy but I care but for Nat Scott 2 Sept. ofen to home
see or female:
serior or spast
serior of the total
serior of the total
serior of the total
serior of the total R F V Fd-

Lappear next issue.



Strength for to-day is all we need. As there will never be a to-morrow For to-morrow will prove but another to-day, With its measures of joy and sorrow.

Travelling Notes.

INTERLACHEN, SWITZERLAND.

This morning I was awakened by the musical clash of cow-bells. In the spring the cattle which have been stabled all winter in the valleys are driven up to the mountain pastures, as the snow recedes. After their long imprisonment, they smift Cagerly the free air of the mountains. As I watched, they thronged the village, a herder leading the way, and the head cow, with the largest bell, striding in front. Such immense bells they carry, some of them globular shaped and almost as big as the cow's head! Every animal has a bell-sheep and goats, and sometimes the horses also. Following in the rear were some men and small boys, who guard these cattle and simply live with them upon the mountain-sides the whole

Then comes the work for the men and women. to carry the milk up and down the mountains in long, flat-shaped wooden buckets on the back, strapped over the shoulders, or if you step into one of the chalets up there, you will see men making the great Swiss cheeses, like grinding stones, that are famous in commerce. Switzerland is beautiful. I cannot speak of it too high-Politically, at peace with all the world; socially, honorable, honest and pure, industrious and painstaking, kind, quiet and gentle. What struck me from the beginning was the simplicity of the people, who are still satisfied with their simple dress, although, I am sorry to say, the real Swiss artistic dress is fast disappearing, but even yet one can see the women in the quaint Bernese costumes of white linen and velvet bodice, with long and many strands of silver chains suspended from neck to shoulder, falling under the arms and fastened with huge filagice silver brooches. We turn and admire the pretty costume, but they appear unconscious, and are much too modest to stare at us, nor are the inhabitants spoiled by the rush of tourists, as is the case in many countries. One is not asked exorbitant prices for anything, and never a beggar to be seen!

I was amused the other day in watching a young Swiss scholl mistress drilling a class of boys, aged, I should say, from ten to thirteen. It was quite in the \country, in a little village out from Interlachen and not far from that world renowned importain called the Yungirau (Young Virgin), covered with everlasting snow. They were a happy, healthful lot of youngsters full of mischief, but obedient and rediculously stupid. As the patient young Fraulem gave her directions or instructions in German, for this i in German Switzerland, I could only infer what she said, which evidently was "turn about," right about, face," "march." etc. Never by any possible chance did they ever all turn the same way, and although two boys might turn and glower at each other, they did not seem to know enough to turn all in one direction, and so the poor teacher would have to come to the tescue, and in her gentle, painstaking way, place them in order before beginning the whole thing

over again. The drill played but a small part in my amusement. The tears actually rolled down my cheeks at the sight of those poor suits of clothes. and not altogether from pity, for they were so happy! They were fully dressed, too that is, their nakedness was covered-and they also had bootand shoes on, but of the original material in their garments, in some cases there was not a piece left much larger than your hand, but, all I'm same, these coats and trousers made up of Latches of various colors, with good long states, made a picture. They were literally nathing! One boy had on a mother's or sister spac with short sleeves and a big puff at the randfather's trousers, not reduced in size.

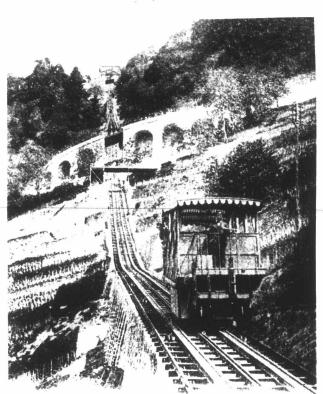
of the hours are marries at e arcades, which I ned zas Nin Illi walls on both ride of t carrie this boards. The

connected by running water down the middle of the thoroughfare. There is a good deal to be seen that is interesting and peculiar. A curious clock, for instance, which proclaims the hour at midday by the crowner of a cock, and a procession of bears marchene around a sitting figure whilst an old man turns the hourglass.

The bear, of whose name the word Perne is the equivalent, is in especial favor in this city, and figures in everything from the richest carvings in wood and ivory, in gold and silver, even to gingerbread hears. Nobody ever misses seeing the bear-pit, even if one has to omit the historical museum. They are always hungry, and sometimes amusing: everybody feeds them with bread, fruit, or carrots, and overyone laughs at them, so perfectly confical and playfully top-heavy are they. Dogs are important members of society in Switzerland. They are harnessed and attached to heavy milk-carts and with a man or a woman in the shafts, assist greatly in pulling heavy loads: they are strong, and go along wagging their tails in a happy mood.

The women work very hard, in the fields, in the mountains, on the soil, sweep the streets, saw and split the wood, carry heavy loads, hoe the potatoes, and one pitrable old woman I saw

drawing a cart. The artistic Swiss chalets, with the overhanging roofs, browned with the sun (such as we are all acquainted with in pictures), are beautifully neat and clean, and I wonder where one can live more cheaply than in Switzerland. For five or six francs a day (about \$1.00) one can live here in hotels and pensions equal to any I ever stayed at in Canada for \$2.50 or \$3.00 per day. Everything beautifully clean, and with the cuisine most excellent. If any of my readers think of a



SWISS SCENE VISITED BY "MOLLIE.

trip to Switzerland and a visit to Interlachen, I can recommend Hotel Belloven as being a perfect

Sometimes the country people great me in a kindly, modest manner, and I now understand why all who visit Switzerland love it, as also MOLLIE. 0000

THE QUIET HOUR.

Fighting to Win.

Arise! for the day is passing. And you lie dreaming on:
The others have buckled their armor.
And forth to the fight are gone: A plue can the ranks awaits you.

Each man has some part to play:
The Past and the Future are nothing. In the tace of the stern To day.

It has been holdly declared that the ta words run, out a considert 5 as David's challer of double-breasted; another one vore probably (to his gheat fee . . The day will the Lord de never thee into be early and I will summe thee and take thee bend took thee. . . . that are conditather's trousers, not reduced in the control of the legs in some control of at the legs in some could one canother, for they were all after absorbed the gath have that there is a field in the gath have not that there is a field in the canother that the gath have not that the canother that the second of the canother that the canother that the second of the canother that the canother that the second of the canother that the canother which the set is the feet the porce and entirely the leader of the leader of the leader. ica no car band: tord and for Tor is to the dimensional

always springs from unbelief. Gamaliel knew what he was saying when he declared that if Christianity came from God its enemies could never overthrow it. Looking back on the wonders it has accomplished since then, the storms it has weathered, the foes it has defeated, we cannot doubt that it is indeed the kingdom which, as Daniel said, should be set up by the God of Heaven a kingdom which should never be destroyed, but should stand for ever.

The one false word of life is Ichabod, The glory is not departed; They lie who say it, being heavy hearted.

What a difference it makes in the fighting powers of each soldier whether he is fighting to win, with victory ahead, or whether he is struggling on hopelessly against overwhelming odds I don't believe the Boers would have kept up the struggle so long if they had not been deceived into thinking that they were going to win. When God sent Gideon with only three hundred men to right against the countless hosts of Midian, He assured him beforehand that victory would be Then, because even one coward might do untold harm, thirty-two thousand who had come out to fight were sent home again. They were dismissed for a very good reason: it was because they were "fearful and afraid." Even the chosen three hundred were not allowed to go into battle without the cheering assurance: for the Lord hath delivered into your hand the host of Midian." God was on their side, and it was as easy for Him to win by few as by many.

We may not be winners, but it will be our own fault if we fail to share in the triumph, for "he always wins who sides with God." David could hever have conquered Goliath if he had been airaid to attack him, as his fellows were; yet it was a very easy victory, after all. The first stone went straight to the mark, because it was slung confidently and aimed with prayer. Any child could have done it, with God to help him. It is false humility to refuse to do great things because we feel ourselves too insignificant. God often chooses weak and imperfect instruments with which to accomplish His great purposes. Discouragement never yet helped anybody to climb uphill, and we have every reason to feel encouraged, for we never know how near at hand success may be. Our orders are to sow beside all waters, and we can't do that if we waste time and nerves in worrying about the seed we have already scattered let us trust God to give the

Then there are our troubles, difficulties and temptations to be met and conquered. Some people have put forth the strange theory that pain is not a reality at all. They shut their eyes to pain and death, deny the existence of evil, and seem to think that this denial blots them out altogether. That way of meeting trouble seems to me as sensible as if a man suffering from a dangerous disease should refuse to believe in his danger, and take no measures to fight his invisible foe. We can't conquer by shutting our eyes or turning our backs, but by bracing up our courage and going straight ahead in the path of duty, no matter what difficulties be in our way. Once, when travelling in England, I was surpriced to notice the number of tunnels the train passed through. Don't you think we might learn a lesson from that British fashion of going straight on through obstacles? The hills are not avoided for that would be swerving from the straight track, but a passage is bored right through, and then the road is made easier for the next person wko comes that way. A good man once said. "I would not have you like a weeping willow, with your branches hanging down and swamped in the river of human miseries; I want you to be like a strong oak tree, or like a poplar which springs straight up to heaven. The tree is sometimes swayed by the wind, but that does not prevent it from standing upright."

We are fighting to win, and every day should see part of the great victory. The battle is a clorious one, even though it is mostly made up of small triumphs over selfishness and worldliness. Some day our strength will be tested suddealy and perhaps severely. If we have been conquerors in the everyday battle, conquerors in the might of Christ our Lord, then there is very little danger of defeat when the strain comes as yesterday's fight a winning or a losing one " How is the fight going to day? "Be strong and o'a good courage, be not afraid, neither be thou di-mayed for the Lord thy God is with there whithersoever thou goest."

"Rise from your dreams of the future Of gaining some hard fought field; Of gaining some hard fought field;
Of Jorning some gaint fortress,
Or bidding some gaint yield;
Your Future has deels of glory.
Of honor (God grant it may b),
But your arm will never be stronger.
Or the need so great as To day.
Rise! for the day is pressing.
The low sound you secreely he if
I the enemy marching to bottle
Arise for the form been!
Stay and to sharnen your we from so
Of the hone will still as he!
We entrean dream as a stay health
You may take to but to entre

HOPE.

Make Your Home Beautiful.

Make your home banged barg to it flower Plant them around you to ind and to rion Let them give life to your lonellest he us Let them bring light to enlaven your green Make your own works one that more has somewed Of music and sunshme, and good sampler an A home-world whose forehead care he er in furrowed And whose cheeks of bright beauty shall ever be to

Make your home beautiful weave round its joita's Wreaths of the jasmine and delicate sprays Of red-fruited woodbine, with gray imprortelle That blesses and brightens wherever r strays. Gather the blossoms, too one little flower. Varied verbena, or sweet mignonette, Still may bring bloom to your desolate hower, Still may bring something to love and to pet

Make your home beautiful-sure 'tis a daty Call up your little ones teach them to walk Hand in hand with the angel of beauty Encourage their spirits with Nature to talk Gather them round you, and let them be learning Lessons that drop from the delicate wires Of the bird and the butterfly ever returning To Him who has made all these beautiful things

Make home a hive, where all beautiful feelings Cluster like bees, and their honeydew bring, Make it a temple of holy rescalings And "love" its bright angel with "shadowing wings Then shall it be, when afar on life's billows

Wherever your tempest-tossed children are flung. They will long for the shades of the home-sweeping willow,

And sing the sweet song which their mother had sung

Summer Laundry Work.

The charm of the summer wardrole depends largely upon its freshness. A properly laundered garment, no matter how simple or inexpensive, is always attractive and in good taste. For the benefit of the women who have this work done in their homes. I have written the following directions. If they are followed with care the work will be found simple and the result most satisfactory

WHITE COTTON AND LINES ARTICLES. Soak the articles in cold water for half an hour. Wring from the cold water; soap and rub the soiled places drop into hot water; wash well. Soap again and drop into boiling water. Partially cool in this water rinse in several clear waters, then in bluing water. Wring dry and starch. Dry in the sunshme. An hour or two before beginning to iron, dip the articles in boiling water, and pass through the wringer Roll m a sheet or towel. Iron on the right side, leans careful to pre-s until perfectly dry. Embroidery and lace should be ironed on the wrong side and over piece of clean flannel, that the pattern may be brought

COLORED COTTON FABRICS Materials with colors printed on a white pround should be washed in two tepid soapsuds. Ruise in several cold water- and finally in bluing water Starch, and dry in the shade. About an hour before ironing, sprinkle and roll in a cloth.

Fabrics in dark colors or in solid delicate shades should not be washed with soap. Starch will clean them perfectly and leave the goods practically the Any kind of starch may be employed the best Dying cornstarch or flour, or the water in half a pirt of rice). The starch many be strained and ceremonial officers all assembled. used topid, not hor. Wash the garments in two starch waters, then rime and blue I nough south will remain in the fabric to make it about as still a wite new, business to a green rich about a very thin solution of the action of the production of the surface and stated production they are the back Dampen, and non on the year and

SIMPLWAISTS, CITTS Voc. 134 AB waists are no looper worm server. The when has cutts and collars are wern with the a tree nare to made stiff enough to keep their tonic by warshing directed. Dip the cults and collars in the the " stair and clap and rub the article, between the Land until every thread is saturated with it. Draw through the hand to remove the apprilment carchage legter told in a cloth and pass through the we see the quickly, days in topol water, a state is a also also When may see extend a to on characters to

Is the article are whiactive. have the new year had a

difficult to launcher si painstakine. Heré etc a tew To the work quoth to Press or shake out the No. When the washing is comclean, dry sheet or cloth and hour's, or less, time Silk or If it get too dry dampen it by to If you care for a little stiffening in isinglass or gelatine

I for not use a very hot iron, always have a piece so loth between the iron and the silk, and and until the silk is perfectly dry.

tor white tilk, shave fine one ounce of white soap, a direct it in a bowl with half a pint of alcohol and a go of white honey. Stir over hot water until the soup is melted. Spread the garment on a clean table, rub the soiled parts with the preparation, using a on boash or sponge. Rinse in several cold waters.

for light and colored silks and pongees, make a trong sads with hot water and fine white soalp. Put tills in two tubs or bowls. When tepid put the garnent in Wash by rubbing between the palms of the hards. Wash in the second suds in the same manner. Riese in cold water. Roll in a clean, dry sheet and iron as soon as possible. If stiffening is liked, dip in , cliute preparation of isinglass or gelatine - [Marla Parlou, in Ladies' Home Journal.

Sympathy Lightens Sorrow.

Since our last issue the glad tidings of the King's almost certain recovery to health has from time to time reached us, with the probability of an early date, Aug. 9th, being fixed for the coronation.

nation's prayers have been graciously answered, and a lesson taught, and, let us hope and believe, learnt, which cannot but have its deepest meaning for both king and people. That there was some very wise and perhaps immediate purpose in the restraining hand of our God being laid upon the almost completed plans of the English nation at such an important crisis of its history, no one dare doubt. 'It is the Lord, let Him do what seemeth Him good," and with this the rebellion in the hearts of the subjects of the King of Kings had to be stilled. Even now there has been granted to us some faint sense of the "why and wherefore" of the startling lesson. Out of the suffering of the one, a suffering most royally borne; out of the anxiety of the other, itself a test of faith and courage, has grown a bond of love and lovalty, of mutual trust and interdependence, which was well worth all it cost to ruler and ruled alike. They were sharers in a great calamity. Each also tried, for the other's sake, to hide all suffering, and to make light of its load of The King was full of tender solicitude for the disappointment of his people, and his people only wanted him to know that the prayers of countless thousands were daily ascending to the Throne of Grace that the life so precious might be spared.

Amongst the gathered records of the coronations of the past, it was expected that none would be so glorious as that of Edward VII. Now it must be shorn of much of its outer magnificence. The actual presence of representatives from kindred nations cannot grace it, but there must still remain its truest significance, that in which breathes the spirit of the whole coronation rite, the consecration of the man and his office to the service which God has called him, which is, as Ruskin says, "not that of a king merely, but the very justice of God and His Perhaps in the calm of his hours of eternal law." slow recovery, King Edward has taken even more deeply into his heart than he could have done in the turmoil of the earlier preparations, the words of St. Dunstan, uttered at a coronation service nearly a thousand years ago: "Oh, loved lord, think of this often, that thou shalt at God's judgment lead forth and lead up to the Shepherd those over whom thou art made shepherd in this life, and how thou must keen this generation that Christ himself bought with His blood.

Truly, amongst the records in connection with the coronations of the past, there will be none so unique and so full of meaning as that which has called an Historic Service at Westminster Abbey upon the day when it was already prepared which rice has been holled (three quarte of water to for the coming solemn service, clergy, choir and

The situation, when the sad and sudden announcement of the King's illness and the nation's extremity had to be made, was intensely dramatic, weighted with a suspense of grief and fear which could find no more heaven sent outlet than that found in the words of the Bishop of London, who, after giving his heart-breaking message, said

We who are here cannot do better than join at once in earnest intercession to Almighty God. portion of the Litany provided in the service will be sung; and I invite you to join in it with all your

Who that was present can forget the august and touching act of worship? "Kneedies at the faldstool where he and Dr Paget should have intoned it together on the name row, the Eshop of Bath and Wells began to sing Litany, set to Tallis's dirge-like music:

upon us meetable sinners. "Tear a bound all restraint ran down faces, and the first response of the choir was at feeble. But the harmony gained richness. It was

wailing and wailing up to heaven. Westman Abbey the mansoleum of English kengnobles, of poets and heroes, of queens. ingland loved. But is it possible others n poignantly affecting, so and anv serv demnity, can have been bound! thrilling at within its wills "The deary in their mere cassocks, the upplied has action not represented

nation not represented 11 1.1 W 1.1 D (V 31) 1 to agony and bloody swe . . 117 ssion: by Thy, precious

a glorious resurrection and

Tross dillel

burbal: by

and by the coming of the Holy Ghost, good

deliver us.!
"In all time of our tribulation; in all I our wealth; in the hour of death and in the d judgment, good Lord, deliver us!

In the midst of all that paraphernalia of rethe old words were too bitter for endurance. fort came with the noble hymn that followed God, our help in ages past! Then, once more, little congregation went upon their knees; and the Venerable Dean, bent with the weight of his in score years, in faltering accents gave them his bloom

Can any one presume to portray the feelings of the royal sufferer when he was told of the reverent manner in which the first announcement of the sad tidings was received in the grand old Abbey, of the great multitudes of sorrowing people whose joy was hushed into silence as they awaitad, in holiday attire and bathed in glorious sunshine, the verdict from within the Palace gates, or when, also, mention was made to him of the old man with silvery hair, uncovered, as he approached the great iron railing without, and uttered aloud a fervent prayer for his king's recovery? The cry of that King in his extremity had been, "Comfort ye, comfort ye, my people, O Lord, and truly the prayers of both were answered, for both alike were comforted of God.

Sofa Pillows.

II.

Last month we were talking about the everyday pillow. This time, we shall consider the gala-day one not the exclusively ornamental, for such pillows are an unending source of tribulation. The baby is sure to try to pick off the flowers with his sticky ingers. and callers are apt to throw damp or darty wraps over them, and Tom doesn't see what sofa-pillows were meant for if not to lean his head upon. And so, very often, the exclusively fancy pillow is the cause of much vamity and vexation of spirit. But is this day of cushions one can easily combine the ornamental with the useful, and beautiful pillows certainly lend an air of grace and elegance to a room.

To begin with, there is the painted pillow-for those of us who know how to mix colors and apply them. Satin or velvet makes a good foundation to work on, and felt is fairly good, and it is well to choose some dark shade that will not soil easily. Water-colors may be useful for the satin, but oils are preferable, as the former are liable to rub off-Pink or cream roses or trab-apple blossoms on a black-satin ground makes a hand-ome pillow. Make the back of satin, the same shade as the flowers, and timsh the edge with a heavy black-and-gold or blackand pink cord. A black-and-white pillow that is unusually striking, but the execution of which demands considerable artistic ability, is of white satin decorated with a wash drawing in India silk, or sepia from some of the productions of the leading illustrators. This one is finished with a black-and-white ford knotted at the corners, or maidway between them

A pillow that was much in favor a short time ago was the silk; join (ich on It is made of small squares of silk pleated at the sides, tacked on a smaller sapare of liming, and billed with cotton batting to form a pull. When enough jours have been finished for a custion, the values colors are arranged artistically, and are all sewed together, and are ready to be somed to the back. The pillow done in tinted emboddery is very pretty. The emay be bought with flowers or figures surject on the decim in the attiral colors, and are to be outlined with silk or the border of the deagn worked in long an hout embroidery. The "Assertion Girl" pillow is allo year attractive, though why it should be called the ' American Gui'' I do not know, for surely the Caradian curl as every let as charming. This pillow to an oddly-shaped on te of wite dack, on which continued with the red of the features and elegant has a two that a death it is a appliqued on a reduction, which is done and with a black or white and, in sero is the anti-all the fellows is of ar tilter are seed in forst work.

etty, was the control and of a square of a defined a vicine and again you like, with and all also of silk, and with a . the locks pround the edge sales, or pare blue and old ... by the pillows may be (a, way is to do the and a work, inn bul-s ... and line with · A. H.r way is to secral color and the health with ~ ... of twit red-

on the first in

CHRYSOLITE

i.

Ingle Nook Chats.

My dear Guests,— The essay on "The Wild Flowers of Our Province" did not elicit as general a response as I had expected, only three provinces competing. viz. Ontario, Prince Edward Island, and Manitoba. The awards, governed by the rules given, are as follows: Ontario's prize goes to Miss A. L. Mc-Diarmid, Ormond, Ont, but the essay is too long for publication in our columns. Walter Jose, "Marie" and Janet Waterman also sent excellent papers. The latter took great pains in preparing papers. The latter took great pains in preparing hers, but did not comply with all the regulations. Maud Jose and Florence Fortner also sent very good essays. Prince Edward Island had but three representations and the prince is given to Ministry. sentatives, and the prize is given to Miss Elsie R. Matthews, Alberton, P. E. I. The other contributors from this Province are Georgina Matheson and Annie Matheson. Manitoba's prairie beauties have but two admirers: Miss Jean Murray, Lyleton. Man., to whom the prize is awarded, and Maggie McWilliam.

One of our former prizewinners writes: "Highly as I appreciate seeing my name receive more than honorable mention in the 'Advocate,' I value still more the opportunities offered by the contests of improving myself in penmanship and composition. This is the main object for which the contests are intended; the giving of prizes is but an incentive to

further that end.
"Jewess."—The Chats are always written several days before they appear in print, consequently the remark, "there is nearly a month," was correct. hope this will not discourage you from future effort. I am a great flower-lover, and the "wildings of nature," as Coleridge calls them, are great favorites of mine, but I must admit that I am not nearly so well acquainted with their names as are my Guests. The trailing arbutus I have often heard of, but have never seen. I do not think it grows near my home. I wish some of my more favored friends would send me a spray of bloom next spring. How did your correspondence progress, "Jewess?"

"Annie Laurie."—Did you receive the addresses I sent you?

THE HOSTESS.

I sent you? Ingle Nook Chats, Pakenham, Ont.

The Wild Flowers of Prince Edward Island.

BY ELSIE R. MATTHEWS, ALBERTON, P. F. I.

As I have opportunity for seeing only a small portion of this Province of Prince Edward Island, the number of flowers I shall write about will be limited. As soon as the snow is off the ground in spring, and the sun begins to shine warmly on fields and woods, the pink and white Mayflowers begin to develop their buds, and they are out in bloom about the middle of May; but if the spring be early, they are out in April.

My favorite wild flower is the golden-rod, which grows best in damp places in the woods. The plant grows to the height of about one foot, and the flower, which is yellow, extends for about three inches along the top.

The marsh marigold resembles very much our garden marigold, and it gets its name on accouns of its growing in marshy places.

marshy places.

The dandelion grows in our country very profusely if allowed to, and, as it spreads very rapidly, it soon becomes an enemy to any tiller of the soil. Its flower is yellow, and sometimes grows as large as a fifty-cent piece.

The wild daisy usually grows in pasture land, in a clearing in the woods, or in any piece of untilled land, and sometimes in grain fields.

in the woods, or in any piece of untilled land, and sometimes in grain fields.

The wild mustard is a great enemy of the farmer, for almost the only place it is found is in the grain fields; the flower is yellow, and the plant grows as high as the grain amongst which it is found.

The buttercup is a well-known and a much loved flower. It usually grows in damp places, but it sometimes grows in drier lands also. The plant grows about one foot and a half high, and the flower (of which there are three or four on one plant) is yellow.

plant) is yellow.

The violets, of which there are two kinds, the blue and the white, bloom generally in May and the first part of June, and they grow in the meadows, but also in the woods.

The Wild Flowers of Manitoba.

BY JEAN MURRAY, LYLETON, MAN.

The wild flowers which grow on the prairie in Manitoba are very beautiful and varied. The first flower of the year is the anemone talso called crocus and windflowers. Some of them are white and others are blue. The anemone is a very brave flower, coming as soon as the snow is off the ground. To smell a pressed anemone is a

as the snow is on the ground. To six it a present which is a pretty little yellow bloom, growing along the banks of the ravines and other damp places.

The milk yetch and the violets come about the same time.

The world belower to the near family, and has a yery strong

yetch belongs to the pea family, and has a very strong The blue and yellow violets grow all over the prairie, while

white violets grow in the bush only. The violets have a vacety heart-shaped leaf. red.

three-flowered avens and the primroses grow with owers on one stem. The avens are little cream colored almost completely hidden by their sepals, which are the primroses are yellow or purple flowers; both they avens belong to the rose family.

Adaisy, cowslip, wild candytuft, and Pennsylvania e are to be found growing all over the prairie.

Adaisy is of a white or heliotrope colour, while the is a little yellow flower, which the cows are very fond a candytuft and Pennsylvania ancimone are white. The objust resembles the tame candytuft, and the Pennsylvania is very much like strawberry blossoms.

mustard and shepherd's purse are very much alike,

ell mustard and shepherd's purse are very much alike, belong to the same family. The shepherd's purse is the ball mustard is yellow.

Illilowers and beard-torgue are blue. The bellethe shape of a bell.

Id flax and fringed gentian are about the same size the last two mentioned.

I rose is one of the prettiest of wild flowers. Rose iso very pretty. The colors of the rose are pitch, ted. The rosebush is very variable in the growing where to four feet high.

I sunflower, come flower and gold a rod are all belong to the family of sunflower. At all fames of looks like a bunch of gold, asslipper is also yellow, and it a gold labe a

resipper is also yellow, and i e-quel like a

age red lily is a large and beautiful and 2.comin2 p places. Its sister, the water lily, a yellow, grow

ing only in deep water, and can entirelling the orange lily in built at intervals along the path, and each shelauty.
The three-flowered his related decealed wild tomato, is

The wild bergamet and lead a set grow in the bush. The bindweed is a vine which of the total of the highest trees.

Just as summer takes be a aparture, the anemone comes back to say Good-bye.

There is Ever a Song.

There is ever a song somewhere, my dear There is ever a something simes alway There's the song of the lack when the skies are clear, And the song of the thrush when the skies are grey. The sunshine showers across the grain And the bluebird thrills in the orchard tree : And night and day when the leaves drip rain.

There is ever a song somewhere, my dear Be the skies above or dark or fau: There is ever a song that our hearts may hear There is ever a song somewhere, my dear There is ever a song somewhere.

The swallows are twittering ceaselessly.

There is ever a song somewhere, my dear Be the night black or the midday blue The robin pipes when the sum is here. And the cricket chirps the whole night through The huds may blow and the fruit may grow. And the autumn leaves be crisp and sere

But whether the sun, or the rain, or the snow There is ever a song somewhere, my dear. -James Whitcomb Riley

THE CHILDREN'S CORNER.

Miss Sunshine.



Here is a dear little maiden With eyes like moo And somewhere a sunbeam is hidden In this bright lassie's hair.

And another's gone erceping, creeping, Down into her heart—ah, deep But sometimes you'll see it peeping At you when you want to weep.

For she has a way entrancing, With arms so soft and round; She can set the dimples dancing. And brighten the whole playground.

You must smile, you can't repress it, And vanish will every tear. For sadness, you will forget it. When this little girl is near.

About Dogs.

Many stories have been told about the gallant St. Bernard dogs who spend their lives in the noble work of saving traveilers lost in the snow on the mountains. Perhaps it may surprise you to hear that when anyone needs one of these does now he can telephone for his rescuer! No. 1 don't mean that the dogs stand at the telephone. listening for orders. Clever as they are not quite wise enough for that yet. One day last summer an American was clumbing the Alps, and about half-way up to the Ho-pice of St. Bernard he was stopped by a dense fogs

This is go no to be quite an adventure. he said to himself. "I shall be rescored by does, and have somethers very raters tags to talk at our when I go home."

reply a Then her learned that shelters had been origin.

ter was provided with a telephone. If a fog came up, the traveller had only to go to the nearest shelter and telephone. Then a man and dog would be sent immediately to his assistance. The American was so disgusted to think that all the romance was knocked out of mountain climbing, that he left Switzerland at once.

However, you must not think that dogs have quite given up rescume travellers in the oldfashioned way. A short time ago a man was cutting wood near one of the mountain hotels, when he was suddenly buried under an avalanche of snow. His two dogs which were not St. Bernards—were with him. They rushed down to his house in the valley and made such a fuss that it was plain something had happened. The man was soon dug out of his snowy grave, very little the worse for his exciting adventure, but very grateful to his two clever dogs, who had certainly saved his life by leading the rescue party to the spot as quickly as possible

I used to know a dog that went regularly to the post office every day with a basket for the mail. But that is nothing compared with a dog living on a farm in New York State that meets one particular train every day. The conductor throws a newspaper to him and he picks it up with his teeth and trots home with it. conductor is the farmer's son, and takes this plan of sending a daily paper to his parents.

Carlo never meets the wrong train, and never fails to be on duty, rain or shine, at the proper hour. How he knows the time it is hard to tell, but he certainly doesn't look at the clock.

Bulldogs are said to be animals that never learn and never forget. Whether they never forget or not, they certainly do learn new tricks sømetimas. A bulldog named Grip was so fond of fighting that he had to be muzzled. Then all his camine elemies, and he had a good many-pitched into him at once, for dogs have very little idea of inghting fair." Things looked decidedly bad for poor Grip, who could not use his teeth. Luckily for him, one of his men friends was a noted wrestler, and the dog had often watched him training for a match. The knowledge thus gained was not thrown away, and before the other degs had time to say "Jack Robinson." Grip was practising on them the tricks he had seen the wrestlers use. Soon a whole army of limping, broken limbed dogs appeared in the streets. Grip has the floor to himself now, and no other dog ventures to attack him even in his muzzled con-

But in our talk about dogs we must not overlook the famous pet of a certain old lady well known to you all:

> "Old Mother Hubbard, On Morner Humbard.
> She went to, the cupboard.
> To get her poor dog some bread.
> When she got there
> The cupboard was bare.
> So the quadruped atc her instead.

> "To this she objected "To this she objected. As might be expected. But he, with a shrug of his face. Said, 'Dear Mrs. Hubbard, The state of your cupboard. Has long been a perfect disgrace! 'It's always the same

No poultry, no game, Not a vestige of knuckle of pheasant, Not a loin of roast ham, Not a wing of cold lamb. t even a sausage of apricot jam And I find it distinctly unpleasant.

COLSIN DOROTHY

A Rare Accomplishment.

It you had asked her about her accomplishments. she would have told you that she had none, and would have been quite sincere in her answer. She did not know how to play the piano, and she had never tried her hand at water colors, or crayon ketching. She had never found time for embroidery. She got off the key when she tried to sing. In fact, one might run through the list of what are called accomplishments without marking one at which she was an expert.

Yet this sunny-faced, sweet voiced gull had one accomplishment which outwers and all tho e-he lacked:

wherever she went planus to She was a Lappone - maker. Children stokped freeling when she came mar. O'd people came back from dreams of the part and found the present sweet Without being wile or witts or beautial, there was an atmosphere of prace about her like the tragrance of a flower. Her smale had the comforting warmth of on line. The tone, of her glad young time stirred

he beart like a same You girls, who are fitting your e'r for fire and to adorn life, will do well to take new account this rare and valuable accomplishment. You have on ed

No does arrived heave or since waited that the Holper for it and teat when the divised by the solution of the Holper for it is the above of the solution of the does in an a dangerous for the solution of the does in an a dangerous for the solution of the does in an a dangerous for the solution of the does in an another than the solution of the does in the does in the solution of the does in the does in the solution of the does in the d



VIEW IN ALPINE VALUEY,

Different Methods of Cooking Meats.

BY L. B. C., IN THE "AGEICULTURAL STUDENT.

Cooking answers most important purposes in connection with food, in improves or develops agreeable flavors, especially in animal food, and by action of high temperature on meat, generally agreeable gustatory properties which they do not possess in the raw state, are developed, thus rendering them capable of giving pleasurable excitement to the sense of taste. Cooking also enables food to be more readily masticated and more easily digested. The mustication of animal tood is greatly facilitated by cooking, for in the raw state it is tough and tenacious and torn apart with difficulty. After cooking, the muscular tipers lose much of their toughness and are tar more readily divided by the teeth, while the fibrous tissue connecting them is softened. The digestibility is greatly increased by embling the digestive mices to come into intimate contact. with it and to penetrate readily into its substance. Cooking thus leads to important mechanical and chemical changes which facilitate diges tion. Exposure to high temporature also affords a safeguard in destroying parasites or germs which may accidentally be present in it. The of fect of a certain degree of heat on meat is that the albumen is coagulated and the abrou- connective tessues converted into getatire

Borbing is one of the simplest and most convenient ways of cooking. Then a piece of meat with its surfaces cut across the bandles of fibers is placed in cold water and heat gradually applied, the gelatine and albumen will be steadily drawn from the cut surfaces into the water, and as warmth increases, the dissolving of the gelatime, out of the fibrous tissues forming the cellwalls and the ubrous natronk which lands the cells together, grows more rand. This renders meat soft and loose in texture and the cell walls weak and this, permitting the escape of the nourishing and flavoring albumer into the water not merely from cells which were cat but also from those which were wearered by their warfs being dissolved away. A the texture locate is the continued decides a away of bross tessue for me's not of the sets of warms extend rapidly into the substance in the most which he concer toward and follows which the topic billed with the alberton \mathcal{A} is the Historian to be made the alor relid would be use played, but to get, in the Bosnows the meat Should be plunged us to beging water. By the means the adminiscre faitter is raisely coae ulated and forms a nort or whose of any shorp over the our particle which not a section page, and soluble centities to in the exterior of the next and presents their eachies to the water than keeping the next mick and relative After helt in the fill har and a few order gesthought e ' e a lest t. 170 T' different cothat of other

Constag int. and the filter of

6.0

nuces of the meat. The joint is removed a great er distance from the fire and a lower temperature allowed to peretrate slowly to the interior. By this means the albumen and colored juices of the desh are slowly coaguiated without any great shrinking and hardening of the muscle fiber. Continual basting with the fat is an important paid of the process, as it tends to diffuse the heat unformly over the joint, prevents scorching and too great hardening of the surface. As the surface becomes browned by influence of higher temperature, several new odorous and sapid substances are developed, which give to roast meat its characteristic odor and taste; if too strong heat is employed, the fat is apt to undergo decomposition and fatty acids are developed, attended with the freeing of volatile products having a peace trating and disagreeable odor.

Stewing may be regarded as intermediary be tween braising and boiling, requiring a tempera-Ture little above 170 F. The meat, cut into small pieces and just covered with water, is cooked slowly for some time. Boiling should not occur or the meat becomes tough and hard. Much of the nutritive matter passes into the liquid, to which vegetables and other ingredients are added The whole of the stew being eaten. Mere is no los of the nutritive constituents

Braising is a process in which the meat is just covered with a liquid in a closely-covered vessel. from which as little evaporation as possible in cermitted, and is exposed for considerable take to a surrounding heat just short of boiling - By this treatment, the tough, fibrous flesh is made tender and easily digestible; moreover, becoming filled with the odor and flavor of fresh vegetables and sweet herbs with which it is cooked. In the way meat with little natural flavor, as year be comes saturated with substances which render the should be provided with a lid so arranged as to heat downward to the top of the portion not

covered by the liquid. To prevent the measurement getting too hot on top, it may be covered with a buttered paper, which will have to be removed each time of basting.

Broiling is the same as roa ting, but, being applied to smaller portions of meat, is a much more rapid process and a far larger surface is exposed to the direct action of the heat. The same principle is applied as in roasting, in order to preserve the juices in the meat. Broiling develops the flavors of the meat very completely, and is rapid and convenient.

In baking, the flavor of meat is inferior to that of meat roasted before the fire, for when cooked at a high temperature in a confined space, volattie fatty acids are unable to escape, and are therefore retained in contact with the meat.

Frying is a method of cooking meat ill same for the purpose of increasing its digestibility Frying, as usually conducted, is rather a combination of broiling, toasting and scorching, and the use of a deep pan of boiling fat, which is essential to a projet performance of the process and especially to preventing greasiness, is the rare e ception. At the moment of contact with the almost boding fat, a thin film of every part of the surface of the object is coagulated, so that the puicescant liavors cannot escape. The oil should be in sufficient quantity and hot enough to effect this result at once.

"The Sound of Ough."

A set of verses, which appeared some two decades ago in America, showing the varied expressions of 'ough' in English is worth quoting

The ploughboy whistied tekind his plough, For his lungs were sound and he had no cough He guided his team with a pliant bough And watered it well in a wayside trough

The toil was hard, for the land was rough, It lay on the shores of an Irish lough But his well-fed team was stout and tough And he plied his bough to flank and hough

Tie toiled all day, and the crow and chough Hew 'round his head, though he oft cried "Shough! But his plow at eve struck a hidden sough With a force that sent the share clean through

The frightened team ran off with the plough With the speed of the wind, and the ploughboy though

He shouled "Whoa!" And into the slough It plunged where the mud was roft as dough The ploughboy west for the wreck was thorough.

The syllable "ough" has awakened the ingenuity of Englishmen as well. From an old number of Note: and Queries a correspondent has dug the following which make more for confusion than for guidance

> "Its not an easy task to show How orugeh sounds! Since though An Irish Lough, and English Slough And Cough and Hiccough, all allow. Inner as much as Tough and Through There seems no reason why they do!

Humorous.

Papa - Where is your mamma 2. Little Daughter: "I fink she had gone to Mr. We send's : At House

The braising part — Papar's End ske say so ?? so arranged as to — Little Daughter (No. but I heard ber , av she contain hot coals or charcoal, which transmos we had Mrs. Westerd in Jericho, an' she went out



2 21 26 1 51

HOLG

o -ed

rin-

1110-

arre

mbi-

I the

5011

e al-

ould

fleet.

ade:

W.IIIG

for



The Leading Western Undertakers and Embalmers.

Rosser Avenue, Brandon.

Write for furniture catalogue.

Great West Saddlery Co.

make the best and most perfect fitting Horse Collars and Harness in Canada. Our Saddles and Strap work are Gems of perfection of the leather workers art. Branches and agencies everywhere. Ask your dealer for our Horseshoe Brand Horse Collars, and take no other make if

WINNIPEG, MAN.

FOR SALE, I Yearling Shorthorn Bull. J. H. TAYLOR, om KEENE, ONT.

Horses for Sale

150 horses for sale, consisting of brood mares and young stock. Also ranching outfit. Would exchange for good city or farm property in Western Ontario. Particulars may be had from

FRANK PETCH. LANGENBURG, ASSA.

The REID Hand Separator is the closest skimmer, as is the closest skinning, as well as the easiest running and most economical sepa-

any-

Days'

Very Simple and Durable. Capacity 150 to 500 lbs per hour. Prices \$60 to \$100. Hand separator circular and illustrated catalogue of dairy supplies free A. H. REID

30th and Market St. Philadelphia, Pa.

NOTICES.

A CHOICE FARM, the property of Pirie Bros., Putnam, Ont., is being offered for sale. Those desirous of investing in an up-to-date, well located farm should read the advertise ment in this issue.

ment in this issue.

MANT FACTI RERS PROTECTED.—
Mr. Justice Street recently gave decision at Osgoode Hall, Toronto, Ont., in the long-pending case of Gillett vs. Lumsden, for infringement of registered trade-mark, declaring that the defendants, by using the word "cream" as applied to their yeast, have infringed the plantiff's right. Gillett & Co. were granted a perpetual injunction restraining traineden Bros. from using the words, and they were also required to pay the cost of the action. Gillett & Co. bad made and sold, under label, large quantities of "Cream Yeast" from 18.7 to 1885, when they introduced "Rocad Yeast," but did not relimquish their right and title to the other preparation the label of which was registered at thrawa in 18.77 and 18.94. In January, 1901, defendants began the sale of "Cream Yeast." They pleaded imnorance of "Cream Yeast." They pleaded evidently copied verbatim portion of the print directions from Planty-Spackages. As already stated, deed in was given against them.

Was given against them.

LERS The question of suitable ladsecome a live one in this counter the counter of the counter is past; it goes with the old the kindling wood pile. The later, eavestrougher or hayfork property up to the procession, must be that made by the Waggoner Ladsof London, Ont., ranks among a have bought them for our own them light, strong, and handy, ompany will send its illustrated on application. The managers heir goods, and guarantee satistry purchaser. See their advt. in

THE FARMER'S ADVOCATE.

GOSSIP.

Any person interested in Yorkshires should have a look at Gus Langelier's ad., offering a young imported boar delivered at your -tation for only \$40,00.

Mr. Ed. Robinson, Markham. Ont , reports recent sales of thirteen good Shorthorns to different parts of Canada and the United States. He has just got home a lot of choice imported cows and heifers of Scotch breeding, which will make a valuable addition to his herd.

Our readers will do well to note the change of advertisement by W. J. Shean & Co., "Rosevale Stock Farm," Owen Sound, Ont., breeders of Shorthorn cattle. They are making some choice offerings in cows, heifers and young bulls. Look up their announce-

Of the many choice animals to be sold at the Hamilton sale, we would draw the reader's attention to the photo-engraving in this issue of Nonpareil of Lakeview 3rd, owned by W. D. Flatt. This beautiful, smooth, even-fleshed 3-year-old heifer comes from the famous Nonpareil family so highly prized by Cruickshank and Campbell, and on this continent. Two other contributions to the sale by Mr. Flatt, Lady of the Boyne 5th (imp.) and Mistletoe 21st (imp.), were portrayed in our last issue.

HINTS TO SHROPSHIRE BREEDERS.

As this is the season to wean lambs, they should be carefully marked with ear labels should be carefully marked with ear labels before separating them. If you do not have the labels write to the undersigned. It will be well to record all of your lambs while their pedigrees are fresh in mind. The high price of beef has materially increased the demand for mutton, and higher prices will be paid for pure-bred sheep this season than ever before. Registered Shropshires are still maintaining their lead as the most profitable wool and mutton sheep. Our membership increased more during the past year than ever before in the history of the Association.—Mortimer Levering, Secretary, Lafayette, Ind.

IMP. WANDERER'S LAST AND ROAN QUEEN.

The two animals portrayed in this issue, which are being contributed by Capt. Robson, Ilderton, Ont., to the Hamilton sale, are of unusual merit both in breeding and individuality. The low-set, blocky, thick-fleshed 2-year-old bull, Wanderer's Last, bred by W. S. Marr, Uppermill, Aberdeenshire, Scotland, has be hind him an ancestry of which there are none more famous. The yearling heifer, Roan Queen, a grand individual possessing substance and quality hard to surpass, is likewise descended from noted stock. Her sire, First Choice, belongs to the Aberdeen Lady family, that famous prizewinning branch of the Marr Missie tribe.

RAMS FOR N.-W. T.

RAMS FOR N.W.T.

I am directed to call your attention to the importation of pure-bred rams, under Government auspices, which with the carried-on under an arrangement with the Canadian Pacific Railway Company, whereby the rams (which must be delivered at some convenient point on the said railway in Ontario) are gathered and forwarded by carload lots to the West, in charge of a reliable/man, and distributed at desired points upon the C.P.R. main line or branches in the Territories. The Government and Railway Company defray all expenses over and above the sum of \$2.0) per head, which must be deposited by the applicant. Assoon as parties are/in a position to make appli which must be deposited by the applicant. As soon as parties are/in a position to make application to the Department for the transportation of stock, blank forms will, upon notification, be supplied them, which are to be filled out and returned to this Department, accompanied by the sum of \$2.00 for each ram. Flockmasters availing themselves of this offer will be available to make their own arrangements. expected to make their own arrangements, through friends or o herwise, regarding the purchase of their rams. If unable to do so, they will, upon application to the Department, purchase of their rams. If unable to do so, they will, upon application to the Department, be placed in communication with the Secretary of the Live Stock Associations of Ontario, who will purchase for them what stock they require for a nominal commission. It is not necessary for applicants for transportation of rams under this arrangement to make their purchases in the East prior to filing their applications with the Department. If anyone desires to obtain the reduced rate in question, he should file his application at once, and he can then purchase what stock he requires in the East at his convenience. As the shipment value of the place until the end of October, there will be ample time to complete such arrangements. Should he fail to do so, the deposit in the hands of the Department will be returned to him. As above indicated, only slock can be accepted for transportation under the arrangement outlined, and no more than four head can be shipped to any one applicant at the \$2.00 rate. The Department will, how ever, he able to arrange for the transportation of pure bred ewes also, on the understanding that applicants pay the full proportionate cost of transportation, at natures arisk only but seems of transportation, at natures arisk only but seems or precaution will be taken to ensure soft scans portation, at natures arisk only but seems of the present limited, applicates will be exercised to bring into the Territoric during the considered in this Department on a basic of trarity. CHAS W. PETERSON Deputy Commissioner.

TESTIMONIALS.

Yes, we have over 35,000 of them from satisfied users from the Atlantic to the Pacific, and from Hudson's Bay to the Gulf of Mexico, besides many times this number from all over Europe! We don't claim the earth, but when it comes to perfection in cream separators the DE LAVAL is IT.

It apparently costs a little more money, but you get value received in the fullest sense of the word, and will save its first cost over and above what the others can do for you several times during its natural life.

MONTREAL. POUGHKEEPSIE. NEW YORK PHILADELPHIA. CHICAGO. SAN FRANCISCO.

THE DE LAVAL SEPARATOR CO.

OFFICES, STORES AND SHOPS:

248 M°DERMOT AVE., WINNIPEG.

MOTHERS

THE skin of infants causes half their discomforts.

Baby's Own Soap cleanses, soothes and heals irritations. Keeps the pores open, and leaves a deliciously fresh sensation to the little bodies.

Don't Be Misled by storekeepers who, to make more profit, sometimes urge the purchase of other soaps instead of Baby's Own Soap.

The quality and purity of this soap are such that you cannot buy a better one for any money, nor as good for the price of Baby's Own Soap.

ALBERT TOILET SOAP CO., MFRS.

MONTREAL.

CLYDESDALES FOR THE N. W. T.

Mr. A. A. Cameron, of Oak Lake, Man., hat recently imported four well bred Clydesdale purchased from Mr. W. S. Park, Hatton, Bi-hopton. They are three filles and one cold. One of the former is Lady Ethel, sometimes known as the Belle of the Ball, which, as a yearling in the hands of Mr. James Klipatrick and Mr. Alexander McIntyre, Dunallan, waters at Galston, first and champion at the Bute Show, and third at Kilmarneck, and again this year as a two year-old was third at Kilmar nock. She was got by the Williamwood horse, Frince Alick, and is well bred on the damestowed by Mr. Barr, Shieldhall, Mearns, An other filly was Lady Renwick, by the Prince of Glamis (18180). From Mi. Me. James Bowman, of Guelph, Ont., we I are sowned by Mr. Barr, Shieldhall, Mearns, An other filly was Lady Renwick, by the Prince of Glamis (18180). From Mi. Me. Wellaten, Mc. Bowman has bought a branching reader, Mattern and got by the noted prize horse. Lothiaus Best, out of that celebrated colt, Lord Dundonald, winner of numerous first prizes a a yearling and the cold cast a very year old, and exported to Au trid, call a very Abertheen is a land of Pride of Pourism M. P. West of the Hall, Intrinsic Prince of Ben to 1250 and prize mare, Kate, Park, the datu of the numerous first prizes a a yearling and the conductor of the datus of the celebrated colt. Lord Dundonald, winner of numerous first prizes a a yearling to a disconstitute and two year old, and exported to Au trid, call a very Abertheen is a land of Pride of Pourism M. Schene and Schene of Pride of Pourism All Chement Stephenson, and brites to a set of the cold prize for a given by the cold prize for a set of the cold pri

long price. Along with these, Mr. Cameron bought the yearling colt. Royal Ascot, which gained second prize at Bishopton and Kilbar chan this year. He was got by the Baron's Pride premium horse, Ascot, out of a mare by Craichmore Darmley 6667), gr. dam by the father than the price of the control of the con

FOR SALE:

DRAFT HORSES

OWING to lack of range, we have decided to cut our herd of draft horses down to one-half and sell 2,000 head at greatly reduced prices. This great selection of mares, geldings and growthy youngsters of all ages represents the results of seventeen years of judicious mating to strictly high-class Percheron, English Shire, Clydesdale and Hackney sires. We can furnish high-grade brood mares and fillies with foal to imported and home-bred registered stallions, and have always on hand a large and first-class selection of registered and high-grade Percheron and English Shire stallions, also registered mares and fillies of same breeds. Correspondence solicited. Inspection invited.

LITTLE MISSOURI HORSE COMPANY, GLADSTONE, NORTH DAKOTA. W. G. CLARK, SUPT.



Alex. Galbraith,

JANESVILLE, WIS., and BRANDON, MAN.,

JAMES SMITH, AGENT, Beaubier House, BRANDON, - MANITOBA.

W. W. OGILVIE MILLING CO.

H.R.H. PRINCE OF WALES

Ogilvie's Hungarian,

THE WORLD'S BEST FAMILY FLOUR.

W. S. LISTER,

MARCHMONT STOCK FARM.

MIDDLECHURCH, MAN.



SCOTCH SHORTHORNS

Prince Alpine (imp.), of the celebrated Glenythan family, and Baronet (imp.), of the Sittyton Secret family, at head of herd.

6 BULLS over 1 year, all by imported Scotch bulls, 3 from imported dams, and many younger.

2 white bull calves at half value Farm seven miles north of Winnipeg. Telephone connection

PRAIRIE HOME STOCK FARM



BERKSHIRES and YORKSHIRES. Shorthorn herd headed by Judge, imp. Jubilee, and Ribbon's Choice. Ayrshires of the best quality; herd headed by Surprise of Burnside. Oak Lodge Mighty 7th and a large number of high-class sows represent the approved bacon type of Yorkshires. The Berkshire boar, Victor (Teasdale), sweepstakes at Brandon and Winnipeg, 1900, and 30 sows of faultless conformation and superior breeding, make up the Berkshire herd. Farm one mile from the station. Visitors welcome. Prices and quality right.

THOMAS GREENWAY, PROPRIETOR, Jas. Yule, Manager. Crystal City, Man.



Mill Grove.

splendid young August boar nqueror, and out of Linden bred by April Ist. Orders

A. E. THOMPSON, HANNAH, N. D.

Please Mention the Farmer's Advocate.

TO FARMERS AND STOCKMEN

\$175 in Gold.

For years farmers and stockmen have been sending their cream to the creameries, and, as a consequence, calves have suffered. Our Carnefac Stock Food makes an excellent substitute for the cream, and to encourage the use of it we offer

THREE PRIZES AT WINNIPEG FAIR IN 1903.

THE PRIZES ARE AS FOLLOWS:

First - For the Heaviest Calf, any pure breed or grade, born after the 1st of January, 1903, fed on Carnefac Stock Food, \$100 IN GOLD.

Second - For the Second Heaviest Calf, any pure breed or grade, born after the 1st of January, 1903, fed on Carnefac Stock Food, \$50 IN GOLD.

Third — For the third Heaviest Calf, any pure breed or grade, born after the 1st of January, 1903, fed on Carnefac Stock Food, \$25 IN GOLD.

Only One Entry will be allowed from each farmer or stockman. The lithographed face of each package must be produced at time of exhibition, to show that Carnefac Stock Food has been used.

Carnefac has proven a decided success, bringing into condition and fattening where other foods fail. Send for leaflet, giving the views of veterinarians as to the merits of Carnefac. They all sneak birothy of it.

They all speak highly of it.

Put up in 1½, 3 and 6½ pound packages, and 25-pound pails.

Sold at 25c., 50c. and \$1 per package, and \$3.50 per pail.

G. DOUGLAS.

WINNIPEG, MAN. PRINCESS ST.,

ASK YOUR DEALER FOR CARNEFAC.



STALLIONS!!

Stock Show, Chicago, 1901; also in Scotland. All must be sold to clean out. Intending purchasers should not miss this chance of buying first class individuals of the very best breeding at reasonable prices.

For all particulars apply to

P. O. BOX 483,

BRANDON, MANITOBA.

YOUR MONEY BACK

Imperial Maple Syrup

Return it to the dealer of whom you bought it, who is authorized to give you your money back.

ROSE & LAFLAMME, Agents, MONTREAL.



How About That New Watch?

Haven't thought much about it, have you? We have, and are prepared to please you in any style or price you may desire. Drop in and let us show you. We can and do please the hard-to-please customer. Among the best watches we sell are Waltham, Elgin, Hampden, and our special—the Hamilton. We do only first-class work in our repair department. We have pleased others, why not you? Orders received by mail have our prompt attention. Remember the place.

W. H. MALLETT, Jeweller and Rosser Ave., Brandon, Man.

OVER 21 YEARS' EXPERIENCE.

ISSUER OF MARRIAGE LICENSES.

GOS

AUGUST 5, 1902

Beech Ridge stoc County of Perth, miles north of Sha the main line of the property of Mr. Ja the main line of the property of Mr. Ja porter and breeder In the herd at the thirty head of imperature, which, under management of Mr in perfect condition, which is being fit shows this year. Jot is the prizewin ported Captain M Donald Fisher, P. Scotland; sired Guard; dam Mayff George. He is a mr. Guard; dam Mayn George. He is a ming 2,300 lbs., quality can be judg as a two-year-old Toronto, and last aged class, he wor show and second the imported cows (imp.), Vol. 15, Village Daisy, by a roan, and won o old at Toronto a her is a roan heifer Mountain Hero, the don. She was Another of her off heifer, Ballechin present stock bull. be seen in the ri something extra nie ed cow is Gem of 15, by Mutineer; 3rd, by Gem of Per show cow, and ou year-old heifer, Ge by Diamond Jubil taird last year a and sweenstakes. George. He is a maining 2,300 lbs., third last year a and sweepstakes a very sweet eight-Hallechin Daisy 4t Daisy (imp.), by Canadian-bred anii Canadian-bred anii Rosabel family, ar of breeding cows the breed, big, level-bac all reds. One espe two-year-old heifer, stock bull, and c 26627. This heifer last year as a year one is Red Ruby 2 Crown Jewel: da one is Red Ruby 2
Crown Jewel; da
by Laird of Kinell
of the Canadian-b
3rd, by Scotsman
year-old and a go
young ones this
calves, all sired by
ported Captain Ma
an extra good anim
out of imported Be
others are all out of
ran from two to se
Crearer reports sa

IMP

IMPOF

Included is

also t

MR.

UNDED 1866

PEG

TREAL.

New

GOSSIP.

GOSSIP.

Beech Ridge stock farm lies in the County of Perth, one and one quarter miles north, of Shakespeare station on the main line of the G.T.R., and is the property of Mr. James A. Crearer, importer and breeder of Shorthorn cattle. In the herd at the present time are thirty head of imported and home-bred cattle, which, under the skillful care and management of Mr. Harry Coltham, are in perfect condition, especially the group which is being fitted for the leading shows this year. At the head of this lot is the prizewinning stock bull, imported Captain Mayfly, bred by J. Donald Fisher, Pittochry, Perthshire, Seotland; sired by Captain of the Guard; dam Mayfly, Vol. 42, by King George. He is a massive red bull weighing 2,300 lbs., and his form and quality can be judged from the fact that as a two-year-old he won first at Toronto, and last year, showing in the aged class, he won third at the same show and second at London. Among the imported cows is Ballechin Daisy (imp.), Vol. 15, by Mutineer; dam Village Daisy, by Village Chief. She is a roan, and won first as a three-year-old at Toronto and London. Out of her is a roan heifer, three years old, by Mountain Hero, that won first at London. She was imported in dam. Another of her offspring is a year-old heifer, Ballechin Daisy 3rd, by the present stock bull. This youngster will be seen in the ring this fail and is something extra nice. Another imported cow is Gem of Ballechin (imp.), Vol. 15, by Mutineer; dam Gem of Verona 3rd, by Gem of Pennan. She is another show cow, and out of her is a two-year-old heifer, Gem of Ballechin 2nd, by Diamond Jubilee (imp.), that won third last year at Toronto and first and sweepstakes at London. Another very sweet eight-months-old heifer is Ballechin Daisy (imp.), by Captain Mayfly. The Canadian-bred animals are all of the Rosabel family, and include a number of breeding cows that are models of the bieed, big, level-backed, smooth animals, all reds. One especially nice one is a two-year-old heifer, Rosabel 4th, by the stock bul

and the demand for the right kind of stock increasing. There is always something of that sort for sale on this noted Shorthorn Cattle and Standard-bred Horses.

"VETERINARY EXPERIENCE," by Dr. S. A. Tuttle, 66 Beverley St., Boston, is the title of a booklet of 100 pages, describing the symptoms and methods of treating the principal diseases of the horse. The special value of Tuttle's remedies are also explained, and numerous testimonials are given. A free copy may be secured from the above address.

Herd headed by Sittyton Stamp (imported). Females bred from or tracing to Windsor (imported).

A. TITUS, NAPINKA, MAN.

Breeder of Shorthorns.

Imp. Baron's Pride 2855 at head of herd.

B. P. Rocks and Bronze turkey eggs for sale.

J. H. KINNEAR, SOURIS, MAN.

****** MAIL ORDERS.

SHOPPING BY MAIL is easy and convenient It saves you money every time you deal with us. We sell almost everything you can need to wear, eat or use. Write for our complete catalogue.

The F. O. MABER CO., Ltd.,

WESTERN CANADA'S EXCLUSIVE MAIL ORDER HOUSE,

WINNIPEG, MANITOBA. ¥\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$

enough for near nearers YORKSHIRES.

—A few young sows to farrow in May. Orders booked for spring pigs.

PLYMOUTH

ROCKS.—Some echoice cockerels. RYE GRASS.—Large quantity of clean, bright seed, also clean Flax Seed.

SHORTHORNS. Will sell either of my stock bulls, Robbie O'Day = 22672 = or Veracity = 31449 =. Also a number of young bulls, some good enough for herd headers VORKSHIRES.

Andrew Graham, Forest Home Pomeroy, Man. Carman and Roland shipping stations.

GALLOWAYS: Shorthorns, Tamworths & Yorkshires Bulls and heifers for sale.

Herd headed by Sittyton Stamp (imported). Females bred from or tracing to Windsor (imported).



"What a Wise Old Chap!" He has left his hide in good hands. Send for our circular in reference to custom tanning. We send samples of work with circular.

CARRUTHERS & CO.

TANNERS, and dealers in hides, wool, sheepskins, furs, tallow, etc. 9th Street, Brandon, Man.

OAK GROVE FARM. Shorthorns and Yorkshires.

MASTERPIECE = 23750=, red-roan, by Grand Sweep (imp.). Three young bulls by Masterpiece, and heiters by Knuckle Duster (imp.), Village Hero and Masterpiece.

Improved Yorkshire sows in pig. Boars fit for service. Orders booked now for young pigs. Pairs

not akin. White Plymouth Rock eggs. JAMES BRAY, LONGBURN, MANITOBA,



FOR SALE: Young bulls, cows and heifers (in calt), sired by Pom-T. M. CAMPBELL,
"HOPE FARM,"

St. Jean Baptiste, Manitoba.

APPLY TO

St. Jean Baptiste, Manitoba.

SHORTHORNS FOR SALE

of Scotch breeding, seven bulls and forty cows and heifers, mostly all in calf or calf at foot. A few Clydesdales of both sexes. Geo. Rankin, Melrose Stock Farm, Hamiota, Man

Shorthorn Bulls

FOR SALE.

All nearly 2 years old. Apply for pedigrees and particulars:

THE FOREMAN, Castle Farm, Teulon, Man. Or C. C. CASTLE, WINNIPEG, MAN.

SHORTHORNS

Gold Medal herd of 1899-1900. Bulls in service are: Nobleman (imp.) and Topsman's Duke. Some good young bulls for sale.

J. G. BARRON, Carberry, Manitoba. MAPLE GROVE STOCK FARM.

SHORTHORN BULL CALVES FOR SALE.

From three months to eight months old. Sired by Lord Stanley 25th —29247—. Also have left a few

P. R. COCKERELS. WALTER JAMES, ROSSER, MANITOBA.

15 mile west of Winnipeg, on main line C. P. R. D. FRASER & SONS,

Breeders and importers of Durham Cattle, Shropshire and Southdown Sheep, and Pure-bred Poland-China Pigs a specialty. Young stock for sale.

LAKESIDE SHORTHORNS FOR SALE

3 young bulls, 11 to 14 months old; quality and prices right.

R. MCLENNAN, HOLMFIELD, MAN.

Lakeview Stock Farm.

SHORTHORNS FOR SALE.

I am offering for sale bulls and heifers of good quality. Cheap if sold soon.

THOMAS SPEERS, OAK LAKE,

IMPORTANT COMBINATION

OF 65 HEAD OF

High-class Shorthorns

IMPORTED AND CANADIAN-BRED, SCOTCH AND SCOTCH TOPPED

AT AUCTION IN THE NEW SALE PAVILION OF THE HAMILTON STOCK-YARDS COMPANY, HAMILTON, ONTARIO, ON

Wednesday,

THE CATTLE ARE ALL YOUNG OR IN THE PRIME OF LIFE, AND ARE SELECTED FROM THE FOLLOWING WELL-KNOWN HERDS:

W. G. PETTIT & SON, Freeman, 12 Head. W. D. FLATT, Hamilton, 10 Head. ROBERT MILLER, Stouffville, 10 Head.

CAPT. T. E. ROBSON, Ilderton, 6 Head. GEO. ISAAC, Bomanton, 1 imported bull.

J. M. GARDHOUSE, Highfield, 5 Head. JAMES DOUGLAS, Caledonia, 5 Head. GEORGE AMOS, Moffat, 6 Head. A. C. PETTIT, Freeman, 4 Head. H. SMITH, Hay, 5 Head.

Included is imported WANDERER'S LAST = 36129 = (80213), chief stock sire for the last two years in the herd of Captain Robson; also the imported bulls, ROYAL HOPE, PRINCE GEORGE (79620) and SCOTTISH HERO (79921), and a number of first-class Canadian-bred bulls. The females of breeding age will have calves or will have been bred to the high-class sires in the several herds represented. Look for notes in Stock Gossip.

Catalogues will be mailed on application to

FLATT, MANAGER, HAMILTON, ONT. MR.

AUCTIONEER: COL, F. M. WOODS, ASSISTED BY CAPT. T. E. ROBSON AND OTHERS IN THE RING.



You can insure your horse against Curb, Splint, Spavin, Sprained Cord and all forms of Lameness, by using

Tuttle's Elixir.

The safe plan is always to have a supply on hand.

Tuttle's American Condition Powders -a specific for impure blood and all dise arising therefrom.

TUTTLE'S FAMILY ELIXIR cures rheumatism, sprains, bruises, etc. Kills pain instantly. Our 100-page book, "Veterinary Experience," FREE.

Dr. S. A. TUTTLE, 66 Beverly St., Boston, Mass.
Reware of so-called Elixirs—none genuine but Tuttle'u,
Avoid all blisters; they offer only temporary relief, if any. LYMAN, KNOX & SON, Agenta, Montreal and Toronto, Canada.

YORKSHIRES!

Bred sows all sold. Orders taken for spring pigs from large and matured sows. Send your orders in early and have first choice. Price: \$10 each, \$18 a pair. Address:

KING BROS., Wawanesa Man.

English Flat Coated Retriever Pups

TWO MONTHS OLD.

By Imp. Winniper Carlo Champion Right-(C. K. C. 5593). Champion Right-away. Tattle. Imp. Nita (C. K.C. 5594). Black Drake. Carlo is a winner of 7 first prizes and 9 specials.

A. H. M. CLARK. 55 Sherbrook Street, WINNIPEG, MAN.

Nome Bank Farm OF LARGE ENGLISH BERKSHIRES

Are still to the front. Some grand sows, bred for the spring trade. Have two fine litters ready to ship about March 15th. Now booking orders. Call or write for prices.

Jos. Laidler, Neepawa, Man.

Pave the way to victory by investigating the merit of Chambers' Barred Rocks. They are always among the winners at the leading shows. Also Buff Rocks (Nugget strain), B. Hamburgs, and S. C. B. Leghorns. Eggs, \$2 for 13; \$4 for 30. Thos. H. Chambers, Brandon, Man.



IN THE DAIRY QUEEN TRIPLE CREAM SEPARATOR

The water is not mixed with the milk-the most perfect and latest improved Separator made. Pays for itself in a short time. Separates all the cream without labor Men and Women can make good profits. Where we have no agent we will send a Separator at agent's price to introduce it. Write for ca alogue and prices. Economy Sup-ply Co..541 Main St., Kansas City, Mo.

SOMERVILLE



Steam Marble and Granite Works.

ROSSER AVE., BRANDON, MANITOBA Represented by W. Somerville, M. E. Bucknam, F. A. Ferguson, A. McCuaig.

WHEN WRITING MENTION THIS PAPER. -m

IMPORTED LARGE YORKSHIRES.

FOR SALE

An imported young boar, it to win at the fall shows and good enough to head any herd. Can. Record, No. 9070. Summer Hill Dalmeny Chief 2nd (imported), farrowed March 17th, 1902; bred by the Earl of Roseberry, Dalmeny Park, Edinburgh, Scotland. Price \$40, delivered anywhere in Ontario, Onches or the Maritime Provinces. Write to

LAST CALL FOR THE HAMILTON SHORT-HORN SALE.

An auction sale of pure bred cattle in August is a comparatively new feature in the business in Canada, and is therefore somewhat of an

experiment.

To some it may seem unseasonable, but the fact is that the fall months are so filled with fart work, such as the corn harvest, and with fairs, that it is not easy to fix upon a date that is not liable to be taken for some other important event either in some section of the Dominion or in the neighboring States, from which prospective buyers of good cattle are likely to come; that, taking all things into consideration, there is perhaps no more suitable season in this half of the year for a disposal of this kind. There will be not a few cattle in this selection from first-class herds to be offeed at the sale advertised to be held at Hamilton on August 13th that are good enough to show to win at not only county and district fairs, but at State and Provincial fairs, and this sale will afford an excellent opportunity to pick up a show herd or individual animals of merit to full up and strengthen weak places in cvisting herds. Breeders who feel the need of into their herds in order to bring them up-to-date, will infind in this sale just what they want, and farmers who see the need of better cattle on their own price useful animals that have been kept in a natural way, without forcing or their own price useful animals that have been kept in a natural way, without forcing or pampering, coming fresh from the pastures and in the best possible condition to go on breeding and multiplying, to the benefit of those who buy them. The grain harvest will be well over in most of the Provinces and States by the 13th of August, and where it is not finished, the improved machinery of the present day enables the work to go on while the master is away for a few days. Stockmen and breeders cannot well afford to miss the opportunity of seeing so many good cattle sold and of meeting men looking for stock, who, if they fail to secure what they require at the sale, will visit other herds and seek for what they want. In this way it will be seen that the benefit of a public sale of this character is not confined to the breeders

MONUMENTS,
HEADSTONES,
MANTELPIECES,
CEMETERY FENCING
TABLETS, ETC.

AVE., BRANDON, MANITOBA.
ted by W. Somerville, M. E. Bucknam,
F. A. Ferguson, A. McCuaig.
F. A. Ferguson, A. McDuaig.
F. A. Fergu

promising and valuable heifer. A red two-year-old daughter of the Royal Champion bull, Maringo, and a Crombie Diamond 25th, an im-ported red-roan two-year-old, by Lordly Archer, bred by Duthie and got by Scottish Archer, completes a choice quartette which should be eagerly sought after. A calf out of the same cow as the last-named was sold for \$600 at seven months old.

completes a choice quartetie which should be eagerly sought after. A calf out of the same cow as the last-named was sold for \$600 at seven months old.

Mr. Robert Miller's consignment comprises Baron Nonpareil, a choice red ten-months-old bull calf of the favorite Cruickshank Nonpareil tribe, that is described as one of the best ever bred by Mr. Miller, and one that is bound to grow into a great show bull and sire. Sittyton's Gloster 9th, a red three-year-old, and Sittyton's Gloster 11th, a red-roan two-year-old, are heifers from the same herd of the excellent Cruickshank Duchess of Gloster family, and bred as well as the best of them. The latter is a beautiful heifer, and in calf to Bapton Chancellor (78286), bred by Willis, used by Marr, and imported last season at a large sum. The Kinellar Ury family, a sort always in favor, is represented by the roan two-year-old, Muriel, and the growthy red yearling, Lady Roberts, that looks like making a big cow, both by Royal Marcher, by Imp. Royal Don, out of a Mina cow, by the Mysie bull, Favorite = 4833. Roan Lady, a four-year-old Mina cow, by Roan Sittyton 2nd, is another very desirable number in the catalogue, as is also Lily of Pickering, of the Atha family, a good, big, smooth cow, and a good breeder. Among the heavy milkers is Marjory 6th, a short-legged six-year-old cow, by Roan Prince (54923).

Mr. J. M. Gardhouse contributes one imported three-year-old cow, Lady Emma, a grand breeder and good milker, bred by Mr. Reid, Cromley Bank, Aberdeenshire; sired by Morning's Pride, a Unthie-bred bull of the Uppermill Flora tribe, with such noted bulls as Pride of Morning, William of Orange and Athabasca in his pedigree. From the same herd comes a deep-bodied two-year-old, Clarissa's Pride, a Kinellar Claret, by the Collynie-bred bride in his pedigree. From the same herd comes a deep-bodied two-year-old, Clarissa's Pride, a Kinellar Claret, by the Collynie-bred bride in his pedigree. From the same herd comes a deep-bodied two-year-old, Clarissa's Pride, a Kinellar Claret

ister, a massive heifer of good standard Canadian family, tracing to Imp. Jenny Lind, a first-prize cow at Provincial fairs, completes this consignment.

Mr. Douglas' contribution consists of four yearling and two-year-old daughters of Imp. Christopher, the stock bull now at the head of his herd, who is proving a very impressive sire, as might be expected of his good breeding and individuality, being a son of Emancipator, the sire of Mr. Flatt's Golden Fame, and of the Fairy branch of the Cruickshank Lovely tribe, his dam being a daughter of the Brawith Bud bull, Gravesend. The fifth number in the Caledonia contingent is a daughter of Duncan Stanley, a Toronto prizewinner of the Miss Ramsden tribe, and sired by Stanley, who was the sire of the champion Topsman and of the first-prize young herd at the World's Fair at Chicago. These are said to be a very useful lot, straight, smooth and thick-fleshed.

Royal Hope, a red yearling bull, imported and contributed to the sale by Mr. Geo. Isaac, Bomanton, is described as a bull showing good character and much smoothness and quality in his make-up. He is of the Jilt family, from which came Justice, sold by Mr. Flatt to N. P. Clarke, of Minnesota, one of the best show bulls in the U. S. Royal Hope is a son of Scottish Prince, bred by Mr. Duthie, and of the popular Uppermill Prince Royal family, whose sire was a grandson of William of Orange, out of a daughter of Scottish Archer.

Mr. Harry Smith's offering comprises a breedy three-year-old, Bowhill English Lady, descended from the imported cow of that name bred by Mr. W. S. Marr, and sired by the great Heir of Englishman, his top crosses being of sound material. She is nursing a big calf by Imp. Governor-General, and is well along in calf to the same sire. A three-year-old and a yearling, Bruce Rosebud, close to the imported cow, Roselind, by the Cruickshank bull, Stockwell; a nicely-bred, thick Kinellar Claret; a pair of well-bred Scotch Syme heifers; and the roan yearling Marr Beauty bull, Checkmate, by Imp. Knuckle Du

this issue also a lifelike photo-engraving of Roan Queen.

Mr. W. D. Flatt's quota comprises the imported Duthie-bred four-year-old, Mistletoe 21st, of the Marr Missie tribe, and another of the same family, also in her four-year-old form; a three-year-old Nonpareil (portrayed elsewhere in this issue of the "Advocate"); a yearling Rose of Strathallan; a Kinellar Rosebud; a Duthie Marchioness; a Crimson Flower; an imported Matilda, and a yearling daughter of the \$5,000 bull, Lord Banff, from an imported dam, sired by a son of Scottish Archer.

Messrs. W. G. Pettit & Sons' contribution was described in the Gossip notes in the "Advocate" of July 21st.

Dissolves Easily.

Windsor Salt is very soluble. Its pure, white, delicate crystals are quickly absorbed in the butter. It makes buttermaking easier and more profitable.

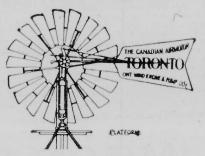
Windsor Salt.

Farms.

If you are thinking of going to the Pacific Coast, try British Columbia. No extremes of temperature. No cyclones. No dust storms. No cloudbursts. No droughts. No blizzards. Fertile land, and the heaviest crops per acre in Canada; we make this statement without fear of contradiction. The land is cheap, and the markets and prices for farm produce the best on the Pacific Coast. Write for farm pamphlet to

THE SETTLERS' ASSOCIATION OF B.C. BOX 540, VANCOUVER, B. C. When writing please refer to this paper.

WINDMILLS



A GOOD ARTICLE IS WORTH A FAIR PRICE. A

CANADIAN

UILT TO WEAR AND TEAR—VIZ.: WEAR LONGER THAN OTHERS; TEAR AWAY ALL THE TIME.

A little oil frequently and the wind will do the rest.

ONT. WIND ENGINE & PUMP CO. om LIMITED. TORONTO, ONT. Manitoba Agents: BALFOUR IMPLEMENT COMPANY, Winnipeg, Man.

A Fireproof Roof

AND SECURE AGAINST LIGHTNING.

What every one wants, and what you at moderate cost-by using

Eastlake Steel Shingles, Galvanized or Painted,

The most widely-used shingles in the Dominion for all farm buildings.

Quickly and easily applied by any handy man. Can't leak, and most durably economical.

Up-to-date farmers praise them en-

Metallic Roofing Co., Ltd. TORONTO MONTREAL WINNIPEG

Winnipeg Address: P. O. Box 542.

The Covers are Printed in Six Veterinary Department that ' Hogs and Poultry of All Kinds

AUGUST 5, 1902

THIS RUNT GAINE

BY EATING INT

This Book Mai

ESTABLISHE

HAVE MANY PATENTA NOT FOUND IN THAT WILL WELL INVESTI

BY THOSE WHO DESIR THE BES J. & J. T. TORONTO SA TORC

MONTREAL

WOODS

STEEL WI Galvanized

Painted. Power

Pumping.

Windm with Graphite Bearing itself in the storm.

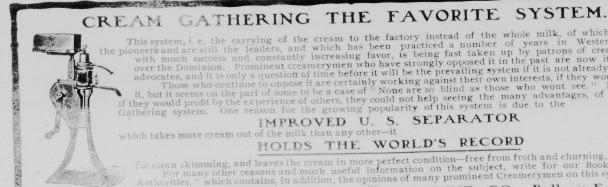
GRINDERS, PUMP WATER TANKS, DRINKING BASIN

SAW BENCHES.

WOODSTOCK WII WOODSTOCK

ADVERT

THE FARMER'



This system, i. e. the carrying of the cream to the factory instead of the whole milk, of which 'we were pioneers and are still the leaders, and which has been practiced a number of years in Western Ontario with much success and constantly increasing favor, is being fast taken up by patrons of creameries all over the Dominion. Prominent creamerymen who have strongly opposed it in the past are now its warmest advocates, and it is only a question of time before it will be the prevailing system if it is not already.

Those who continue to oppose it are certainly working against their own interests, if they would but see it, but it seems on the part of some to be a case of "None are so blind as those who wont see." For surely, if they would profit by the experience of others, they could not help seeing the many advantages, of the Cream Gathering system. One reason for the growing popularity of this system is due to the IMPROVED U. S. SEPARATOR which takes more cream out of

HOLDS THE WORLD'S RECORD an skimming, and leaves the cream in more perfect condition—free from froth and churning.
For many other reasons and much useful information on the subject, write for our Booklet "Dairy rities," which contains, in addition, the opinions of many prominent Creamerymen on this system.

VERMONT FARM MACHINE CO., Bellows Falls, Vt.,

UNDED 1866 es

are thinking of are thinking of
o the Pacific
try British ColNo extremes of
ature. No cyloudbursts. No
ile land, and the
mada; we make
f contradiction.
rkets and prices
the Pacific Coast.
om TION OF B.C.

er to this paper

LNADIAN AIRMOTUR OTHORK

IS WORTH

IZ.: WEAR LONGER

nd will do the rest. L PUMP CO.

NTO, ONT. IMPLEMENT

alvanized r Painted,

ingles in the olied by any nd most dur-

ise them en-Co., Ltd.

WINNIPEG 0. Box 542.

THE FARMER'S ADVOCATE.

THIS RUNT GAINED 360 LBS. IN 160 DAYS. BY EATING INTERNATIONAL STOCK FOOD!

YOU CANNOT DENY ACTUAL FACTS

A Wonderful Growth of 360 Pounds in 160 Days By a "Runt" That Had Been Badly Stunted for Nearly 2 Years and Only Weighed 60 Lbs.

Dow City, Iowa.

International Stock Food Co., Minneapolis, Minn.

DEAR SIRS:—I have a runt 2 years old which only weighs 60 pounds.
It stands 18 inches high, 42 inches long, and 4 inches wide on widest part of the back. I would like to try "International Stock Food" and see if it will make this runt grow. Four of my neighbors owned it before I got it, and none of them could make it grow. I enclose a photograph which shows this hog is too weak to stand alone, and it will not eat.

F. C. HOWORTH.

DEAR SIRS:—I enclose a photograph of the "runt" taken five months after our commencing to feed "International Stock Food." It weighs 420 lbs. and has developed into a fine looking hog. "International Stock Food" is a remarkable preparation for making hogs grow, and the two photographs I mail are positive proof. Yours truly, F. C. HOWORTH.

IT CONTAINS ** 183 LARGE FINE ENGRAVINGS OF HORSES, CATTLE, SHEEP, GOATS, HOGS, POULTRY, ETC. The Covers are Printed in Six Brilliant Colors. It sees us \$3000 to have our Artists and Engravers make these Engravings. Our International Stock Book contains a finely illustrated. Yeterinary Department that Will Save You Hundreds of Dollars. This illustrated Stock Book also gives Description and History of the different Breeds of Horses, Cattle, Sheep, Goats, Weterinary Department that Will Save You Hundreds of Dollars. This illustrated Stock Book also gives Description and History of the different Breeds of Horses, Cattle, Sheep, Goats, The Editor of this Paper will tell you that you ought to have our Stock Book for reference.

The Editor of this Paper will tell you that you ought to have our Stock Book for reference.

WE WILL GIVE YOU \$14.00 WORTH OF "INTERNATIONAL STOCK FOOD" IF BOOK IS NOT AS REPRESENTED.

This Book Mailed Free, Postage Prepaid, If You write Us (letter or postal) and IF Answer These 3 Questions:

Hame this Paper. 2nd—How much stock have you? 3rd—Did you ever use "INTERNATIONAL STOCK FOOD" for Horses, Cattle, Sheep, Hogs, Colts, Calves, Lambs or Pigs? International Stock Food Co., MINNEAPOLIS, U. S. A.

DEALERS SELL THESE INTERNATIONAL STOCK FOOD INTERNATIONAL POULTRY FOOD GUARANTEE INTERNATIONAL LOUSE WILLER

ESTABLISHED 1855

HAVE MANY PATENTED IMPROVEMENTS NOT FOUND IN OTHER MAKES THAT WILL WELL REPAY AN

INVESTIGATION BY THOSE WHO DESIRE TO SECURE THE BEST SAFE

J. & J. TAYLOR. TORONTO SAFE WORKS. TORONTO. VANCOUVER MONTREAL WINNIPEG

WOODSTOCK

WINDMILLS

Galvanized Painted. Power

Pumping.

Windmill with Graphic

runs easy and controls itself in the storm. GRINDERS, PUMPS, WATER TANKS, DRINKING BASINS SAW BENCHES.

WOODSTOCK WIND-MOTOR CO., WOODSTOCK, ONT.

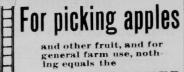


real good improvements; in fact, a perfect be a uty. Write for prices. See our Disk, page 597.

om T. E. BISSELL, ELORA, ONT,

3 a Day Sure

ADVERTISE IN



WAGGONER LADDER and the Lindenwood Extension Step-ladder.

For Lawn Swings see advertisement in "Advocate" of April 21st. Illustrated catalogue free.

The Waggoner Ladder Co., Ltd. LONDON, ONT.

Crystal Harvester

AN OIL THAT Will not thin out and run off of the bearings in warmest weather.

Lasts Three Times as long as the ordinary "pulp" mineral castor oils.

A SAVING Of time, trouble, and money.

"The best is most economical." Crystal Harvester

Is the best oil made for use on Manufactured by

Zanzibar Paint Company, Ltd. TORONTO, ONT.

Write us for sample and price.

PLEASE MENTION FARMER'S ADVOCATE,

Is the title of a short, commonsense treatise on this subject which we have just issued, and which we desire to place in the hands of every one interested.

It is brimful of information and advice, and no householder should be without it.

If you send us a card, saying you are interested, we shall send you a copy immediately, free of charge.

CLARE BROS. & CO., PRESTON, ONT.

How to Get Rich.

Take a quantity of silica costing one-fourth the price of oil; mix it with oil, and sell the compound to the public at the price of pure oil; offer "prizes" with the compound to make it sell. It is such a compound the public get when they buy common soaps. In Sunlight Soap—Octagon Bar—the public buy a pure and well-made soap. Sun-light Soap reduces expense by prolonging the life of the articles washed with it, which is much more profitable to the public, than common soaps with "prizes." 204

STALLIONS AND MARES. A new importation of

Clydesdales, Shires and Hackneys

will arrive about the end of August

Mr. James Dalgety is now in Great Britain making selections. The character of the last consignment will give an idea of the high class of horses they import, and the next shipment will be the best they have ever made, a number of prizewinners having already been secured by the firm. Intending purchasers should not miss seeing this consignment, om

DALGETY BROS., London, Ontario, and Dundee, Scotland. LARGEST IMPORTERS IN CANADA.



Ulydesdales and Shorthorns

FOR SALE: Seven choice young stallions and several young mares and fillies. Five young bulls and bull calves, and thirty-five excellent young cows and heifers. Mostly registered in the American Herdbook.

JOHN BRIGHT, MYRTLE, ONTARIO.

Family Knitter



Dundas Knitting Machine Company, DUNDAS, ONTARIO,

The Central Business College,

TORONTO. Twelve regular teachers. 100 typewriting machines. The best courses obtainable. Fall session from Sept. 2nd. Address: W. H. Shaw, Principal.

Malkerville Wagon (o

WALKERVILLÉ, ONT WRITE FOR CATALOGS

AGRICULTURAL COLLEGE

(1) Two Years' Course for Associate Diploma
—Sept. 13, 1902.
(2) Three Years' Course for Associate Diploma and Specialist Certificate in Agriculture or Horticulture—Sept. 13, 1902.
(3) Four Years' Course for B. S. A. degree—Sept. 13, '02.
(4) Three Weeks' Creamery Course—Dec 2, '02.

'02.
(5) Twelve Weeks' Dairy Course—Jan. 3, '03.
(6) Two Weeks' Course in Stock and Grain
Judging—Jan. 8, '03.
(7) Four Weeks' Course in Poultry-raising—
Jan. 9, '03.

Ladies admitted to Dairy and Poultry Courses. Send for Circulars.

JAMES MILLS, M.A., PRESIDENT. Guelph, July, 1902.



DR. PAGE'S ENGLISH SPAVIN CURE

For the cure of Spavins, Ringbone, Curbe, Splints, Windgalls,
Capped Hock, Strains or Bruises,
Thick Neck from Distemper,
Ringworm on Cattle, and to remove all unnatural enlargements.
This preparation (unlike others)
acts by absorbing rather than blister. This is the
only preparation in the world guaranteed to kill a
Ringbone or any Spavin, or money refunded, and
will not kill the hair. Manufactured by DR. FREDRICK A. PAGE & SON, 7 AND 9 YORKSHIRE ROAD,
LONDON, E. C. Mailed to any address upon receipt
of price, \$1.00. Canadian agents:

J. A. JOHNSTON & CO., DRUGGISTS.

171 KING STREET, EAST, TORONTO, ONT.

ROSEDALE STOCK FARM.

Clyde and Shire Horses, Shorthorn Cattle, Leicester Sheep.

Shorthorn Cattle, Leicester Sheep.

The imp first-prize Shire stallion, Newharris Duke, and the four-year-old Clyde stallion, Gay Gordon, half brother to Hiawatha, now in service. The imp bull, Ch'ef Ruler, bred by W. S. Marr, Uppermill, heads the herd. Young bulls and females for sale. Our flock of Leicesters has won at the leading shows of Canada and U. S., and we have a grand lot of rams and ewes for sale. My motto: The best is none too good. J:- M. GARDHOUSE, HIGHFIELD P. O. MALTON, G. T. R.; WEBTON, C. P. R.

IMP. CLYDESDALES AND AYRSHIRES. The three imp. stallions, Copyright, Baron Frederick and Baron Laing, and the Canadian-bred stallion, Laurentain. Ayrshires all ages; and poultry, utility breeds. Eggs for sale.

ROBT. NESS & SONS, Howick, Que., P.O. & Sta.

Newton's HEAVE, COUGH, DIS- CUTE



Newton Horse Remedy Co. (D), Toledo, O. Trade supplied by Lyman Bros. & Co., Toronto.

WM. SMITH, COLUMBUS, ONT.,

Clydesdale Horses & Shorthorn Cattle

The Sawrence, Williams Co Sole Amporties & Proprietors for the CLEVELAND.O.

The Safest, Best BLISTER ever used. Takes the place of all infiments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle, SUPERSEDES ALL CAUTERY of FIRING. Impossible to produce scar or blemish. See y softletswarranted to give satisfaction. Price \$1.50 per bottle. Sold by Druggists, or sen \$2.50 pe

Catalogue Printing Our Specialty.

Many of the best Catalogues in Canada are produced by us. Latest type faces, designs, ornaments, and modern machinery.— Best in America. Up-to-date covers designed by special artists without extra charge.

London Printing & Litho. Company, Ltd., LONDON, ONTARIO.



FOR WAGONS. Made to fit any axle, any sized wheel, any width tire. Every farmer should have a set. They are low and handy. They save labor, and the wide tires avoid cutting the farms into ruts. Write for Prices. Dominion Wrought Iron

om Wheel Co., LTD., 9 AND 11 BROCK AVE., TORONTO, ONT.

BINDER TWINE

SEASON 1902.

"Farmers' Special" binder twine supplied to FARMERS ONLY at 114c, per 1b., baled in cotton grain bags, bound with rope halters, and weighing 60 lbs. to the bag; length over 500 ft, per lb.; quality and length guaranteed. Cash with orders; purchaser pays freight. Address orders, J. T. Gilmour, Warden, Central Prison, Toronto. Further particulars, address James Noxon, Inspector, Parliament Buildings. Toronto.

J. R. STRATTON. Toronto, June 10, 1902. Prov. Secretary.

INGLESIDE HEREFORDS.



A few choice heifers and young bulls by Mark Hanna sweepstakes bull at Pan-American.

Shropshire Sheep and Tamworth Swine.

H. D. SMITH, Compton, Quebec, om

High-class Herefords

We have for sale the following choice young stock, which have been bred from imported and American sires. Intending buyers will do well to inspect the following: 18 young bulls, 2 aged bulls, 20 young heifers. Correspondence invited. -om

A. S. HUNTER, DURHAM, ONT.

High Park Stock Falm Galloway Cattle. A few choice young heifers and bulls for sale. Inspection invited. SHAWA MARSTON (Late A.M & R. Shaw) P. O. Box 291, BRANTFORD, ONT,

Spring Brook Holsteins

and Tamworths A few choice 2 year old heiters, I yearling and 2 calves, all sired by my mp. prizewinning bull,
Judge Akkrum De Kol 3rd, and
out of rich bred cows. Stock strictly
ethorer. A few Tamwerlisch offer, ou
A C HALLMAN, Breslan Waterloon Co , Out. (Formerly New Dundee)

The Sunny Side Herefords.



O'NEIL BROS., Scathgate, Ont. Lucan station, G. T. k. Hderton station, I., B. & B.

Aberfeldy Stock Farm, Se whand speed tog i so ves. Over fort, head to select from, of such controls as simply fields, Clarets, Lovel s. R. (1998) on s. Circes, Roses, and other obeys the JOHN GARDHOUSE, HIGHFIELD P. O.

GOSSIP.

Among the old, time-honored beef breeds of cattie, none have stood the test of time as easy-reading, hardy rangers, and come through with higher laurels than the Galloways of the largest and best herds of this breed in Canada is owned at High Park Stock Farm, which hes in the County of Brant, four index from Brantlord and about the same distance from Paris. This grand old herd of Galloways is the property of Mesers. Shaw a Marston (formetly A. M. & R. Shaw). There are at present in the herd thirty-five head by the prizewinning built, imported the prizewinning built, imported by the prizewinning built, imported by the prizewinning built, imported trief of Castlemik, bred by Sir Robert Jardine, Bart., Castlemik, Lockethe, Scotland, and sired by Lodestar of Castlemik; dam Lady Vaudeville, by Merle of Tarircoch. He is four years old, and was shown at London, where he won first and sweepstakes last fall. He is a pure, typical Galloway with a heavy, smooth, even body on the shortest kind of legs. The herd was founded on the imported cow, Flora McErin, bred by T. Biggar & Sons, Dalheattie, Scotland; sired by John Frost, dam Sally of Penninghame, by Glouzester of Carsenestock. This cow, besides being a prizewinner herself, is a producer of winners. A three-year-old daughter of hers won as a two-year-old, first and sweepstakes at London last year, and first at Fat Stock Show, Guelph. There is another year-old daughter that has never been shown, but has the form and quality of a winner. Her call this year is a sixmonth-sold buil. He is a perfect model of perfection. There are also two others in the herd out of her that are now breeding. They are both good. One of them, Minnie May, has won every time she was shown; the other, Relle B. of ligh Park, is also a winner. Both these cows, this year, has won every time shown a great number of times and never yet left the ring without being awarded a place. A full-brother of hers, Sir Arthur, sold at Chicago, last winter to here is Irvena, by MacCartney 9739. This cow has been sh

Maple Lodge Stock Farm.

ESTABLISHED 1854.

SHORTHORNS. First-prize milking strains, best Scotch breeding. Young bulls and heifers for sale, LEICESTERS.—A grand lot of ewes, bred to our imported rams, and a few choice rams, now for sale. A. W. SMITH,

Maple Lodge P. O., Ailsa Craig Station, G.T.R., 31 miles.

W. C. PETTIT & SONS

FREEMAN P. O., ONT.,

IMPORTERS AND BREEDERS OF

Scotch Shorthorns and Shropshire Sheep,

Make a Special Offering for May and June:

One of our imp, stock bulls, 3 years old, red; one imp, bull, 2 years, roan; two bulls imp, in dam, 15 months; four bull calves from imp, cows, 12 and 14 months; four home-bred bulls by imp, bulls, 15 to 18 months; seventy-five imp, and home-bred cows and heifers, all ages. Catalogues on application, om

Burlington Jct., G.T.R. Stn., Tele. & 'Phone.

SALEM, ONTARIO

(POST AND TREESRAPH OFFICE), BREEDERS OF-

Shorthorn Cattle, Clydesdale Horses, Leicester and Oxford Sheep, and Berkshire Pigs.

Our herd contains such families as Matchlesses, English Ladys, Mildreds, Village Ruds, Misgies, Stam-fards: Wysies, Vanillas, Clareis, and Marthas. The imported bulls, Scottish For and Coming Star (a processing at Chicago in 1984), look head the herd. From 2 miles from Flora Stn., G.T.R, and $c \in \mathbb{R}$. It miles north of Goelph.

EHP, COTSWOLD SHEEP

the and dams imp ; the architecture and dams imp ; the architecture and dams imp ; PLOOKS & LANGMAIL COURTICE P.O.

Good ones. Choicely bred, Moderate prices. Send for bull catalogue Also Scotch-bred cows and heifers.

SMITH, HAY, ONTARIO.

Exeter station on London and Wingham branch of the G. T. R. adjoins the farm.

Hillhurst Shorthorns

AND HAMPSHIRE DOWN SHEEP.

THERE are few herds on the continent that can boast of three as good stud bulls as Joy of Morning 153003, Scottish Hero 145553, and Scottish Beau 145552. These are all imported bulls, of the richest breeding, and right well do they reflect the possibilities of the future character of the Shorthorns being bred at Hillhurst. The breeding cows at Hillhurst are of Scotch and English breeding, and are especially noticeable for their size.—Lirc Stock Indicator, May 15, 1902.

M. H. COCHRANE, COMPTON CO., P. Q., G.T.R., 117 MILES EAST OF MONTREAL. HILLHURST STATION.

Scotch Shorthorns

BREEDING FEMALES ALL IMPORTED.

Imp. Golden Drop Victor our present stock bull. Eleven young bulls and some young cows for sale at reasonable prices.

H. CARGILL & SON.

Cargill Station, G. T. R. CATALOGUE FREE. OM

Cargill, Ontario.

BREEDER AND IMPORTER OF

SHORTHORNS ONLY.

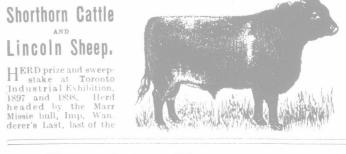
FOR SALE: Imported bulls and bull calves. Home-bred bulls and bull calves, from imported cows and by imported bulls. Home-bred bull calves. A large and excellent lot of young cows and heifers GREENWOOD, ONT., P.O. AND TELEGRAPH OFFICE.

PICKERING, G. T. R., 22 MILES EAST OF TORONTO. RAILWAY STATIONS: PICKERING, G. T. R., 22 MILES EAST OF TORONTO.

Spring Grove Stock Farm.

Shorthorn Cattle AND

Lincoln Sheep. HERD prize and sweep-stake at Toronto Industrial Exhibition, 1897 and 1898. Herd



get of the great sire, Wanderer, of the Cruick-shank Brawith Bud tribe. High-class Short-horns of all ages for sale. Also prizewinning Lin-colns. Apply om

ILDERTON, ONT.

Rapids Farm Ayrshires.

REINFORCED BY RECENT IMPORTATIONS of 2 bulls and 20 cows, selected from noted Scotch herds, and including the male and female champions at leading Scottish shows last year. Imported Douglasdale of Dam of Aber, champion at the Pan-American, heads the herd. Representatives of this herd won the first herd prize at the exhibitions at—

Toronto, London and Ottawa in 1900, and at the Pan-American in 1901.

Come and see or write for prices.



Young Bulls and Heifers for Sale, bred from High-class Imported Stock.

Robert Hunter, Manager

for W. Watson Ogilvie, Lachine Rapids, Quebec.

SHORTHORNS SHORLINGANS, SHROPSHIRES, COTSWOLDS

Fashionably bred, of both sexes and all ages om Nothing reserved.

H. PARKER, Durham P. O. and Station.

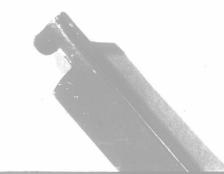
JOSEPH RELL ESTATE, Bradford P.O. & Sta.

SCOTCH SHORTHORNS, both seves. As good as the best.

Meaford Station, JAMES The Rose of the State of the grand stock boar, Meaford Station, om Strathene Park State GROFF, ALMA, ONTARIO.

LAKE VIEW STOCK FARM. Shormorns, Berkshires, Leicesters by at present the grand stock boar, the same solds some young ones.

PLEASE MENTION THE PARMER'S ADVOCATE.



1866

0

future t Hill--Live

ION.

oung

ario.

ed cows heifers

FICE.

ONTO.

OTHC.

at sire, Cruick-h Bud s Short-for sale.

ng Lin-

bson,

ONT.

A. Wa

d from

ger

WOLDS

ers and mber of as the eep. -om

esters

ek boar, ARIO.

ATE.

S.

SHORTHORNS FOR SALE: 6 yearling bulls, cows and heifers in calf to Sir James, deep milkers.

Shorthorns and Berkshires

Four young bulls, 6 to 12 months old. Pairs supplied not akin.

Pigs. 2 to om

H. E. HIND, Hagersville P. O. and Station, MAC CAMPBELL, NORTHWOOD, ONT. G. T. R. and, M. C. R.

SHORTHORN BULLS FOR SALE: A choice lot of Shorthorn bulls from 10 to 16 months old, sired by Imp. British Statesman (63729) =20833 =; and cows of the Mara family. They must be sold at once. Prices away down to suit customers. FITZGERALD BROS., om Elmvale Station, G.T.R. Mount St. Louis P.O.

SHORTHORNS (IMP.)



Cows and heifers, imp. and home - bred. Bulls, imp. and home bred—all ages. Represent-ing the fashionable blood of Scotland.

EDWARD ROBINSON, MARKHAM P. O. & STN.

SHORTHORNS: We are offering 3 extra choice yearling bulls, all from imported sires, straight Cruickshank, with Lavendar and Miss Ramsden dams, THOS. ALLIN & BROS. Oshawa, Ont.

FOR SALE: 5 Scotch Shorthorn Durhams (bulls), 5 to 16 months; 5 young cows and heifers. Berkshire pigs, both sexes. Prices reasonable. "Camden View Farm." A. J. C. SHAW & SON, Thamesville P. O.

om y Rosevale Shorthorns

We are offering for sale several cows and heifers bred to Maringo's Hyden Duke (imp.), son of the great champion Maringo. Also several bred to Golden Able, imp. in dam. Also some choice young bulls. Any wishing to purchase apply at once. -om

W. J. SHEAN & CO'Y, OWEN SOUND, ONT.

SPRINGBANK FARM Shorthorn Cattle, Oxford Sheep, and Bronze Turkeys. Young bulls for sale.

om JAS. TOLTON, WALKERTON, ONT.

SPRUCE HEDGE SHORTHORNS. We are offering females of all ages. Among them are prizewinners and youngsters that are sure to win. JOHN McKENZIE, Keward P.O. and Chats-worth Station, C P R.

For Sale: Very heavy, massive cows of Bates and Cruickshank breed. Two-year-old heifers in calf. Stock bull, Imperial 2nd, No. 28883. Bull calf, 11 months (Cancopper Boy 2nd = 39878=), dam Flora = 32974=; also dark red heifer calves. John McFarlane, Dutton, Ont.

Mercer's Shorthorns

Are represented by Missies, Stamfords, Floras, Claret Princesses, Red Roses, Fashions, Crimson Flowers, and Matchless families. Headed by Village Squire 24993, a son of Abbottsford. Stock of both sexes and

T. MERCER, MARKDALE P. O. & STN.

SHORTHORNS

Scotch and Scotch-topped. War Eagle =27609 at head of herd. Young bulls, cows and heifers for sale Ry. station: Coldwater, Midland branch, G. T. R Write for prices. om S. DUNLAP, Eady PO, Ont.

We are now offering a few young bulls, from 6 to 11 months; also a few heifers, from 6 months to 2 years; all showing No. 1 quality.





HIGH-CLASS SCOTCH SHORTHORNS

of the following families, for sale at moderate prices: Village Girls, Broadhooks, Beaufort Roses, Missies, Clarets, Marr Floras, Nonpareils, Minas and other choice families. Write for catalogue. Shropshire rams and ewes for sale as usual.

ROBERT MILLER, Stouffville, Ont.

"ORCHARD HILL" SHORTHORNS.

Herd comprises representatives of best Scotch-bred families, with Lord Lavender at head. Young animals of both sexes for sale.

om ARTHUR JOHNSTON, Vandeleur, Ont.

SHORTHORNS.

CHORNHILL HERD. ESTABLISHED 27 YEARS.

REDMOND BROS., Millbrook Sta. and P. O.

CEO. ISAAC, BOMANTON, ONT., ERFEDER AND IMPORTER OF

Scotch Shorthorn & Clydesdale HORSES.

head of Shorthorns arrived from quita March. One Clydesdale stallion for sale. COBOURG STATION, G. T. R. Om



DISK HARROW has a peculiar knack of working dry, hard land or tough, stubborn soil better than any other cul-tivator. Write for full particulars.

Large sizes made for ELORA, ONT. Northwest farmers, om

QUEENSTON HEIGHTS SHORTHORNS

In service: Derby (imp.) = 32057 = ; Lord Montalis, by Collynie Archer (imp.) = 28860 = . Some choice heifers and young cows with calf at foot or in calf to

SCOTCH AND SCOTCH TOPPED

imported bull at moderate prices. HUDSON USHER,

QUEENSTON, ONT. om FARM 3 MILES NORTH NIAGARA FALLS

WE HAVE FOR SALE 10 SHORTHORN BULLS

From 6 to 18 months old, Nearly all from imp. dams, and sired by the imp. Golden Drop bull, Royal Prince. Catalogue upon

John Miller & Sons, Brougham P.O. CLAREMONT STATION, C. P. R.

Shorthorn Gattle, Lincoln Sheep

Imp. Prime Minister at head of herd. Imp. Clippers, Miss Ramsdens, and other Scotch families. Lincolns won more than half the money and first for flock at the Pan-American; International, Chicago, 1901 and 1902.

J. T. GIBSON, om DENFIELD, ONT.

SHORTHORNS (IMP.) FOR SALE: My stock bull, Imp. Capt. Mayfly, a prizewinner, and calves by him and out of imported and home-bred cows. Various ages. om JAS. A. CRERAR, Shakespeare Sta. and P.O.

JAS. GIBB, Brooksdale, Ont. OF SHORTHORN GATTLE.

Imp. Prince William at head of herd. Stock for sale.

JOHN DRYDEN, BROOKLIN, ONTARIO,

BREEDER OF CRUICKSHANK SHORTHORNS AND CHOICE

SHROPSHIRE SHEEP. in shearling rams and 30 shearling ewes of extra size, substance and quality now for sale. Prices are interesting. Visitors welcome.

Shorthorns and Yorkshires In Shorthorns we voung bulls from 7 to 9 months, also a few heifers. In Yorkshires we can supply either sex of various ing prices. Iona Sta. and P.O., Elgin Co.

SHORTHORNS. SHROPSHIRES, YORKSHIRES, SCOTCH COLLIES.

D. G. GANTON, ELMVALE, ONT.



T. DOUGLAS & SONS, STRATHROY, ONT., BREEDERS OF

based of herd, which are all bred on straight Scotch than, and are of the up-to-date kind. Present offering: some choice young bulls. Shorthorns of Clydesdales Shorthorns of Shorthorns @ Clydesdales

Herd bulls (imp.) Diamond Jubilee = 28861 - and bouble Gold 37852. We offer for sale a choice of of young bulls, cows and heifers of all ages. Also me 3 year-old stallion, and one 4 year-old brood nare. Farm one mile north of fown.



HAWTHORN HERD

of deep-milking Shorthorns for sale. Six young bulls of first-class quality and breeding and from Al of deep-milking quality and breeding and from bulls of first-class quality and breeding and from dairy cows.

WM. GRAINGER & SON,
Londesboro, Ont.

For Sale: TWO CHOICE SHORTHORN BULLS, registered: sires, British Hope (30946) and Royal Charlie (30118). Also Yorkshires and Berkshires, both sexes. Write:

C. & J. CARRUTHERS, Cobourg, Out. GREEN GROVE SHORTHORNS :

I am now offering a few heifers, Clarets, Floras and one Missie; also a choice year-old bull, by Aberdeen of Markham.

W. G. MILSON, GORING P.O. and MAREDALE STATION.

One imported and one Canadian-bred bull, A few cows and heifers. THOS. RUSSELL, EXETER. ONT.

LEONARD BURNETT, GREENBANK, ONT., Shorthorn cattle and Shropshire sheep.

4 HOLSTEIN BULLS 4 For Salk: From 4 to 7 months old, having sires in their pedigrees from such strains as Inka, Netherland, Royal Aaggie, and Tritonia Prince, and out of imported females that have proven their worth at the pail. THOS. B. CARLAW & SON, om Warkworth.

Ridgedale Farm Holstein-Friesians for Sale. 2 yearling bulls; also bull and heifer calves; all of choice breeding. Prices always reasonable. Write, or come and see them. R. W. WALKER, Utica P. O. Shipping stations: Port Perry, G. T. R.; P. O. Shipping stations: Port Perry, G. T. R. Myrtle, C.P.R. om

LAWNRIDGE STOCK FARM.

Jerseys for Sale. Yearling bull and bull eight months old. Registered cows and heifers of choicest breeding and individuality. Some fresh and others coming in scon. 100 head

J. L. CLARK Norval station: G. T. R.

CHOICE

CATTLE.

EXHIBITION AND DAIRY ANIMALS.

2

MALE AND FEMALE. ALL AGES. MRS. E. M. JONES.

BOX 324. BROCKVILLE, ONT., CAN.

72 Head of High-class Jerseys 72 IN THE BRANTON MERBY HERD NOW FOR SALE.

Two yearling bulls of first-class dairy breeding and sure prizewinners. Seven bull calves, the best we ever had. Also a large number of cows and heifers. We have what you want. Come and see, or address, taking what you want.

B. H. BULL & SON, BRAMPTON, ONT. C. P. R. and G. T. R. stations within 2 miles of farm,

F. L. GREEN.

BREEDER OF

Jersey Cattle and Yorkshire Pigs. Choice stock of each sex for sale.

PICKERING STATION, G. T. R. CLAREMONT STATION, G. P. R. GREENWOOD P. O.

JERSEYS FOR SALE, A few choice Jersey bulls and bull calves for sale at very low prices, Choice breeding; good colors, Write for prices,
w. w. EVERITT, CHATHAM, ONTARIO.
"Dun Edin Park Farm," Box 555.

BURNSIDE JERSEYS. For Sale: Two year old bull, Champion of Burnside: 1st prize Western Fair, London, last year, size John Bull of Grovesend; dain tested Eilbe, milk daily, 18 lbs. butter in a week. Yearling bull by Champion. Also young cows, heiters and calves. Five inhestron London. J. A. Lawson, Crumlin, Ont. on

FOR SALE :

Three grandly-bred Ayrshire bull calves, 12 to 15 mos, old. Also young calves, by Napoleon of Auchenbrain (imp.), whose dam has a record of 72 lbs, of milk per day. A few choice young Berkshire and Yorkshire sows could be served before shipping, Collie pups, from Perfection Queen. Address— T. D. McCALLUM,

Danville, Oue.

THE ONTARIO VETERINARY COLLEGE

TEMPERANCE ST., TORONTO, CANADA

Governor of Ontario. Fee \$65.00 per session. Apply to Andrew Swith, F.R.C. S. Pr.A. ipal. 18-2-y om

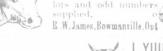
Wm. Willis, Newmarket, Ont.

Breeder of A. J. C. C. Jerseys and registered Cotswold slicep. Have yet two fine young bulls from Count, fit for service; also Yorkshire swine. -om

LIVE STOCK EAR LABELS REDUCED



Send for a circular and order early, before the rush. Large and small lots and odd numbers supplied.





J. YUILL & SONS Carleton Place, Ontario,

Imported bulls at head of herd: Glencairn 3rd, Napoleon of Auchenbrain, and Lord Dudley. Forty imported females, selected from leading Scotch herds, and their produce from above-named bulls. Size combined with quality and style, well-formed udders, good-sized teats, and capacity for large milk production. Bull calves for sale; also a few young cows and heifers. For prices and particulars address. JAMES BODEN, Mgr., St. Anne de Bellevue, Farm close to St. Anne Station, Quebec. G.T.R. & C.P.R., 20 miles west of Montreal.

Ayrshires and Yorkshires A yearling bull and several choice calves from heavy milkers, fit for exhibition purposes.

Three Yorkshire boars fit for service; three sows ready to make also a number of sound piece fit to the ready to mate, also a number of young pigs fit to ship, om ALEX, HUME, MENIE, ONTARIO.

Ayrshire Bulls, Two choice August (1901) bulls, ported bull and out of dams from imported stock. All good ones. W. W. BALLANTYNE, ("Neidpath Farm" adjoins city.) Stratford, Ont. Main line G. T. R.

EUROPEAN ADVERTISEMENTS.

Ayrshire HERD OF 150 cows and heifers, bred from deep milkers, with large teats, of a commercial stamp. Established over half a century. J. & A. Wilson, Boghall Farm. Houston, Renfrewshire,

PEDIGREE AYRSHIRES. Cows and heifers, all bred from prizewinning stock at the leading shows. Robert Wilson, Mansurae, Bridge of Weir, Renfrewshire, Scotland.

English Shorthorns.

Booth and Bates Shorthorns, topped with Cruickshank bulls. Young cows, bulls and heifers always on hand for sale. Eligible for the American herdbook. Royal and Highland prizewinners included for the last two years. Close on £400 won in prizes last year and this.

WM. BELL,

Ratcheugh Farm, Alnwick, Northumberland, Eng.

W. W. GHAPMAN,

Secretary of the National Sheep Breed-

Secretary of the Kent or Romney Marsh Sheep Breeders' Association, and late Secretary of the Southdown

Pedigree Live Stock Agent, Exporter and Shipper. All kinds of registered stock personally selected and exported on commission; quotations given, and all enquirles

Address: FITZALAN HOUSE, ARUNDEL ST., STRAND, LONDON W. W. Cables-Sheepcote, London.

FAMOUS ALL OVER THE WORLD ALFRED MANSELL & CO.,

LIVE STOCK AGENTS AND EXPORTERS, SHREWSBURY.

BRITISH STOCK selected and shipped to all parts of the world. Write for prices to ALFRED MAN-SELL & CO., Shrewsbury, England, or to our American representative, Robert Miller, Stouffville, Ont.,

WALTON HERD

OF PEDIGREE PIGS.

The property of Sir Gilbert Greenall, Bart., Walton Hall, Warrington, England.

This herd is unrivalled for its true type, large size and strong constitutional vigor. It is the premier herd in England at the present day. Its show yard career is unique, the champion prize for the best Large White pig at the R. A. S. E. having been won by pigs bred in the herd in 1896, 97, 30 and 1901, besides leading prizes too numerous to us notion at all the principal agricultural shows in Lugland. A choice selection of bears and show for sale Inspection in ited. All purchases and discharged For partnerlies, upp. for the Variage, M.K. J.

W. S. CARPENTER, "MODEL FARM," SIMCOE, ONT.,

IMPORTER AND BREEDER OF SHROPSHIRE SHEEP. Am offering 19 choice shearling rams, sired by Chancellor (imp.). Ram and ewe lambs for the fall trade, sired by Ruddington Knight. Also one imported shearling ram, good size and quality. Come and see them.

Station One-half Mile from Farm, Wabash and G. T. R.

SHEEP BREEDERS' ASSOCIATIONS American Shropshire Registry Association, the largest live stock organization in the world. Hon, John Dryden, President, Toronto, Canada. Address correspondence to MORTIMER LEVERING, Secrecorrespondence to MOR tary, Lafayette, Indiana.

American Leicester Breeders' ASSOCIATION.

A. W. Smith, Pres., Maple Lodge, Ont. Pedigrees now being received for Vol. 4. For information, blanks, etc., address:

A. J. TEMPLE, SEC., CAMERON, ILL. U.S A.

PRIZEWINNING COTSWOLDS. Imported and home-bred stock, prizewinners at all the leading fairs. FIGIN F. PARK. om Box 21, Burgessville, Ontario, Canada.

CHAS. GROAT, BROOKLIN, ONT ..

OFFRES FOR SALE Cotswold Ewes and Ewe Lambs

of good quality and breeding. Also a 3 year-old Clydesdale fil'y from imported stock, registered No. (3025). A Shorthorn heifer calf 8 months old from imported stock; Meadow Flower strain. Write for

Dorsets Chesters Young stock in Dorset Sheep and Chester White Hogs of good quality for sale, reasonable. R. H. HARDING, THORNDALE, ONT. "MAPLEVIEW FARM."

FAIRFIELD LINCOLNS

Imported ewes and lambs. Can supply show flocks. -om J. H. PATRICK, ILDERTON, ONT., CAN.

Oxford Sheep Bred from noted prize winning strains, om FOR SALE. London Exp.

A. ELLIOT, Pond Mills, Ont. BROAD LEA OXFORDS. We are offering for sale 30 shearling ewes of first-class quality, and 6 extra good ones in show condition; also 25 good shearling rams and 1 three-shear imported ram, and all of this seas m's lambs, which are a good lot. Write us for prices or come and see our flock.

W. H. ARKELL, TEESWATER, ONT. Successor to Henry Arkell & Son.

Mildman, G. T. R. Trrswater, C. P. R.

SUMMERHILL OXFORDS. Present offering: A choice lot of ram lambs and ewe lambs. Also 50 extra nice yearling ewes, PETER ARKELL & SONS, om Teeswater P.O. and Station.

LINDEN OXFORDS A choice lot of ram lambs (yearlings) and a few two and three shear rams fit for show and to head puregood quality, on R. J. HINE, Dutton, Ont.



Agents Wanted

for the New Pictorial Stock Doctor and Live Stock Cyclopedia, revised to 1901 with the assistance of the Professors of the Ontario Agricultural Celego, touchph. The finest illustrated, cheapers on laws, book of its kind ever published. Tance wages to agents. A full page supportance of its laws, uppeared Partyrite to and him Alex Printagers to their and

WILLOW LODGE BERKSHIRES ARE



WW WILSON, SNELGROVE, ONTARIC

THE FARMER'S ADVOCATE.

GOSSIP.

By a generally rectanized that there is no class of hogs helding their own with the ordinary farmer better than Brasslees. Finer easy-bedding qualities, already took took too the constitutions, prolific becoming balats, with improved bacon 1, pe and form, all go to make them an ideal and profitable hog to keep, class is Willow Lodge herd, owned by Mr. Wan Wilson, Snelgrove, Ont. This noted Berkshire farm lies in the County of Peel, about four and a half infles from Brampton, and at present the herd numbers buty head. The main stack hoar is the 900-pound hog. Longfellow 10th 8623, bred by G. I. Hood, Lowell, Wass. He is sired by Longfellow of Brand Farm 8632, dam Highelere of Brand Farm 8631, by imported Wantage king of H. F. This hog was well named as his length and depth are remarkable, while as a sire he has no superiors. Among the fourteen brood sows on the farm none show a better form or more quality than the Hood-lied sow. Stratton Lizzie 17th 8630, by Highelere king of H. F. 8625; dam Stratton Lizzie 17th 8630, by Highelere king of H. F. 8625; dam Stratton Lizzie 17th 8630, by Highelere king of H. F. 8625; dam Stratton Lizzie 17th 8630, by Highelere king of H. F. 8625; dam Stratton Lizzie 17th 8630, by Highelere king of H. F. 8625; dam Stratton Lizzie 17th 8630, by Highelere king of H. F. 8625; dam Stratton Lizzie 17th, solve tompestitions ever seen in Canadas Another of the good ones is Willow L. Berte 9125, by Dickator 5841; dam Ledy Inflock 7266, by imported Enterpress She won third as sow under 15 months at the same show. Willow L. Lizze 1929, by Longfellow 10th, out of Stratton Lizzie 17th, is another that observes mention. In fact, this lot of brood sows all through were selected as such for their perfect bacon conformation rotaled with their smoothness and quality. They are now all safely in legal to the imported stock boar, with the exception of two which are daughter Millom During the last year Mr. Wilson has shipped not one complaint has ever seen of Catswold both seve varying in age. conized that there helding their own farmer better than

Brooks & Langmaid, the well-known sheep, Yorkshire and Tamworth hogs, of Solina, Ont., are just now showing an extra nice flock of one hundred head of imported and home-bred Cotswolds, at the head of which is their big, heavy-boned and well-covered imported Garnesbored ram. This ram, besides being a grand individual, judging by the lambs he has left this season, will prove a bonanza to his owners. His offspring are not only showing a perfect form and covering, but are extra large, weighing now from 100 to 135 lbs. each. On hand at present are five yearling rams, sired by imported Swanwick and out of imported ewes, that for size, quality and build are hard to equal. There are also ten yearling ewes by othe same site that are winners. All these, together with the season's crop of lambs, will be offered for sale in the fall. This firm is making another importation this year through Mr. R. Barding, which they expect to reach Toronfo very soon—in time to make a strong showing at the fall fairs. Their York hims are of Brethour breeding, being up to the usual standard in conformation and quality. They have for sale young stock of both seves, also, sale young stock of both seves young Lamworth stock, as usual.

The greatly increasing demand for breeding animals which Holstein breedings are now enoying would seem to addicate that this breed is becoming more papallar where dairying is the name source of income to the farmer. One of the largest and most important bords of Holstein cattle in the County of Northmeberland is owned by Mr. T. Is trained & Son, whose P. O. is Warkworking and whose farm lies about six pales from Campbellford station on the H. T. It. This head was originally forested on the imported row, Lovelia 1964s, and Berson in 1764 by Quarantine King, imp. 2. 21es of dam Hokkileng (imp.). Soom after an addition was made by the purchase of the cow. Margaret 1th's Sepsige Mercede (the car, by Seinkie and Margaret 1th's Sepsige Mercede (the car, by Seinkie and Margaret 1th 720 whose record was east 100000 lbs or nells and 110 lbs in latter in a year From these cows the present herd secretary and for its quality, events and smoothness that are second to home in the herd are a maker givper 72 lbs, of milk a division grass. The wask bull is Tene a France 1744 wood by Heime 2nd Prince done from the rest of Trytomia. He are how, deep set settically-built are as a local a great with the received a set of the proposition of the propo

imposted Poland-China Hogs. We are offering extra thich seves, any age more not akin), from check, and of the trib type. Easy feeders, ares. ROBT L. SMYTH & SONS, Fargo P. O. and Station, M. C. R.

Horn Fl

Keeps flies off animals, Kills vermin,

A splendid disinfectant.

Sold in Cans (with directions)-QUART, each, 25c.; doz., \$2.70. GALLON, each, 60c.; 1 doz., \$3.30

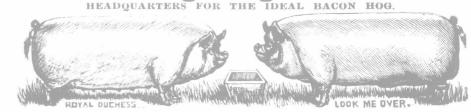
BY EXPRESS OR FREIGHT AT PURCHASERS' EXPENSE. Ask your dealer, or send direct to WM. RENNIE, JARVIS STS., TORONTO.

CEYLON GREEN Tea, it's all pure, undoctored tea: no coloring; no foreign leaves; no dust. It's as far ahead of Japan Tea as "SALADA" black is ahead of all other black teas. Sold only in lead packets, 25c. and 40c. per pound, by all grocers.

\$75.00 CASH EGG PREMIUMS FO

INTERNATIONAL STOCK FOOD CO., MINNEAPOLIS, MINN.

SUMMERHILL HERD OF-



Our winnings at the large shows, for 1901, are as follows: At Toronto every possible first prize and five seconds, two silver medals, and first for pen of pure-bred bacon hogs, also sweepstakes on bacon hoge over all breeds; at London every possible first but two; while at the Pan-American, where our herd was divided, half going to Toronto, we won six out of ten possible firsts, also sweepstakes on boar any age. At the medals and every first prize but six won by the Summer Hill Yorkshires. When in need of the best write D. C. FLATT & SON, MILLGROVE, ONT. Telephone: Millgrove, Ont.

Our present offering is both seves, not akin, as good as the country produces. Viso eggs from B. P. Rocks, B. B. and C. I. Genoes, S. G. Dorkings, G. Sebright Bants, Monarath levkin danks. Id prize winners—\$1.50 per La. Sex extra B. L. Gaime cockerels or pairs for sale.

GEO. BENNETT, CHARING CROSS P. O. AND STATION.

A fine lot of your pairs supplied a kin. Brars sows old enoughered. Also of Scotch Sharthleth was a supplied a kin. Brars sows old enougher brack and supplied by the supplied

shires made Importer and Box 200

Yorkshives and debdeins

English Berksh'res

Consists of imported and show sows; the sires are big, long fellows, of the bacon type. For sale: a few grand young sows from 3 to 6 months old.

No. LAHMER, Vine, Ont. om

YORKShires—For the next 3 months I can supply either sex, that for ideal bacon, type, smooth, even finish, are unsurpassed. I'm es reasonable. WM.TEASDALE, om Theredull Sta., and electric cars. Dollar P. O.

mproved large Yorkshires, Coldspring Herd Tamworths

Other choice Oct. and Nov. boars and sows. Also my stock boar, Advance. This is the spot for the best. Write for prices. They are moderate, quality considered. NORMAN M. BLAIN, ST. GEORGE, ONT. BRANT CO.

NEWCASTLE HERD OF TAMWORTHS

We are now offering several choice hoars and sows four months old.
Also few choice sows, bred and ready ONT. from Fronte prizewinners. om COLVII.L BROS. NEWCASTLE, ONT.

A. M. W. O. R. T. H. S. and sther good ones, sired by Imp. Starburg and Fold Boy, Toronto BOHN HORD & SON,
Parkhfill P. O. and Station.



reen.



The popularity of green is strongly in evidence. Green is the color of the season, and may be seen everywhere. Green shutters are still in vogue, and the favorite brands of the Canada Paint Company are preferred. The brands are:

> MISTLETOE, FRENCH PERMANENT, ROYAL PERMANENT, AND CROWN IMPERIAL.

The Canada Paint Company manufacture their own dry colors and guarantee satisfaction. Painters and house-owners should examine the package carefully and insist upon the imprint of

The CANADA PAINT CO'Y, Ltd.

Strathy Wire Fence Co. OWEN SOUND, ONT., SHEWING HINGE MOVEMENT OF manufacture the best metal gate

on the market. Low prices and fullest guarantee of satisfaction.

ead

, Ont.

om

LE. eady to sonable.

ONT.

an sup-r ideal passed.

P. 0.

rths

d sows. is the ney are

ONT.

RTHS

l choice hs old. d ready es. All

ONT.

gow, O. p. Star-Foronto

atlon.

STAYS CANNOT BEND & WILL SPRING BACK TO PLACE WHEN PRESSURE IS

LOUDEN'S GOODS ARE

A prominent dealer writes: "I have never sold any other goods that have given such satisfaction as your Hay Carriers, and I have made more money out of them this year than I have out of binders."





We make twelve different styles of Hay Carriers, all up-to-date. Our Double-Tread Barn-Door Hangers are "the best on earth." Dealers who want "A Good Thing"—something that will sell and give satisfaction—should write at once for the agency. Catalogue and prices

LOUDEN MACHINERY COMPANY, WINDSOR, ONTARIO

LIMITED.

Threshing Machinery

Highest Grade.

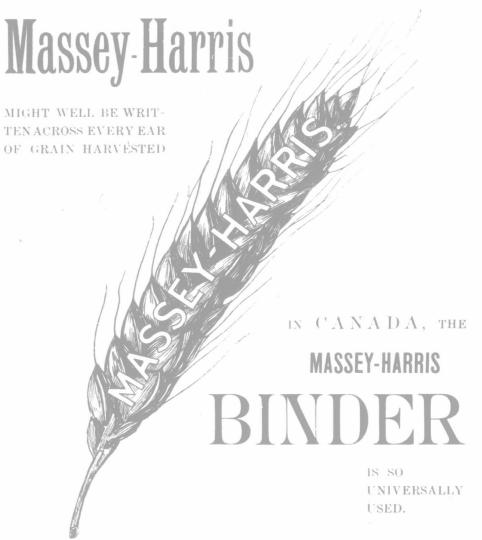
AMERICAN-ABELL ENGINE AND THRESHER CO., LTD., TORONTO.

NORTHWEST AGENCY: 760 MAIN ST., WINNIPEG, MANITOBA.

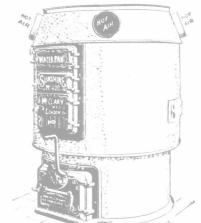
NOTICE.

sible for those in hilly sections to grow SHING MACHINERY - The grain in a small way. We refer our are shing machine has had a readers to the advertisement of the ee in the Northwest in the last Belle City Mfg. Co., Racine, Wis., By owning his own machine, tour d on another page. This firm has aves the big threshing bills. basish others 'brough the Northwest machine can be operated at While to them for printed matter and a tof a large gang necessary if a felested in the cost of a machine a large outfit. It is easily send for the middless or their ignrest any roads, making it possitions. Northwest branch.

THE NAME



Made for Farmers' Homes



Burns coal, coke or wood.

Wood can be used in spring and fall, and coal in severe winter weather.

Large feed-doors will admit rough chunks of wood.

Will extract more heat from the same amount of fuel than any other heater, and no other good furnace is so'd so cheap.

RANGE.

4 or 6 cooking holes.

Burns coal, coke or wood.

Large fire-doors will admit rough chunks.

Oven is extra large.

Has every latest improvement, and sells at from \$13 to \$25 less than any imported steel range.



Catalogues on the above, or any other lines of our chave and a sace will be sent FREE to any address.

M°CLARY'S.

LONDON, TORONTO, MONTREAL, WINNIPEG, VANCOUVER; ST. JOHN, N.B.

Some watchmakers harp on Railroad Watches. More than twenty

Elgin Watches

have been sold for every mile of railway trackage in the world. Sold by every jeweler in the land; guaranteed by the world's greatest watch works.

> ELGIN NATIONAL WATCH CO. ELGIN, ILLINOIS.

Fleming's 3 are free if they fail.

FLEMING'S LUMP JAW CURE has been on the market for years. It

has been used by nearly every prominent stockman on the continent. A careful record shows that it does not fall once in a hundred times in the severest cases.

We Have a Thousand Such Reports: Kinsley, Neb., May 24, 1901.—We sent to you some time ago for your Lump w Cure. One application made a complete cure. The lump had been on G. W. SMITH.

Don't risk loss or endanger your herds or pasture. Let us Send You our Valuable Book

and POLL EVIL **CURED**

Free

DE HOPE'S

INY

ABLET REAT MENT

KIDNEY

For LIVER

You can't get

and NERVE

well without it.

In 15 to 30 Days

Continuous tests for two years prove that Fleming's Fistula and Poll Evil Cure cannot fail. Easy to use, prompt in results; cures in half the ordinary time. Simple, humane, scien-tific; guaranteed. Write for circular today.

Cerro Gordo, Ill., Feb. 15, 1901,—I applied the liquid as directed, and one application has removed the spavin. It is wonderful how it takes hold so soon. L. Mellinger. We have some important information for you-FREE.

It is worth while to write us today for circulars describing the above remedies. Mention this paper.

FLEMING BROS., Chemists, 36 Front St., Toronto, Ont.

McLachlin Treatment Gasoline Engine

IS MOUNTED IN 5, 10, 15, 20 OR 25 HORSE POWER.

SPAVINS

Cured Quickly

Or There's

NO COST

One 45-minute application of Fleming's Spavin Cure will remove any ordinary spavin, curb, ringbone, etc.

LIMITED,

201 Queen St. E., TORONTO,

for catalogue and

PARMER'S ADVOCATE.

A flying visit and ϵ short look over the banner herd of Scotch-bred Shorthorns, the property of Mr. W. G. Pettit & Sons, of Freeman, Ont., was lately enjoyed by a representative of the "Farmer's Advocate." As usual this immense herd of 100 head of imported and Canadian-bred animals were found in the pink of condition, many of them being in show-ring form. The herd is made up of thirty-one imported females, six insported males, and one female and

Among the men who to-day bid fair to become formidable rivals of the more illustrious Canadian Shorthorn breeders a place of honor must be accorded Mr. Israel Groff, owner of Maple Leaf Stock Farm, in the County of Wellington, Ont., three miles from Alma station, on the G. T. R., and five miles from Elora, on the C. P. R. Mr. Groff, in addition to his sulendid herd of Shorthorns, pays

on the C. P. R. Mr. Groff, in addition to his splendid herd of Shorthorns, pays considerable attention to the breeding of Berkshire hogs. The Shorthorns are headed by that perfectly-built and richly-bred bull, Royal Hero 34679, by imported Royal Saulor 18959, dam Mildred 4th 22241, by imported Hospodar. Royal Hero is a rich roan. He is one of the short-legged, thick-fleshed sort, and is a sire of more than ordinary worth, proof of which is easily established by a look over the young stuff, especially a nine-months-old roan bull call. It is a prizewinner in form and quality without doubt, and a living image of its sire. Mr. Groffs cows are unsurpassed for size and quality. They belong to the well-known Scotch Atholstane family, although there are a few Mayflowers, Standords, Marr Beautys, and Lady Fannys. An extra ecod cow is Duchess of Athelstane A. by Sittyton Chief. Abother to a family for size of Athelstane.

stane family Mayflowers, and Lady is Duchess ton Chief. Athelstane. old roan sany show-splendid to Marr Beaut

is another one; whill Lady Sar

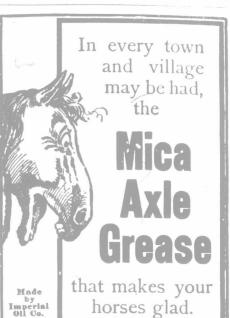
many a can onl his side of both for sale care is breeding

Wagon World A



our own wagons wagons. It is the determines the wagon, and this is lived wheel made. a low down Hand-use about the place

Electric Wheel Co., Box 253, Quincy, Ills.







before purchase is binding.

500 good 2nd - hand wheels \$3 to \$8. MEAD GYCLE CO. Dept. £60 R Chicago.







E. W. GILLETT COMPANY TORONTO, ONT.

__ THE ___ Excelsior Life

INSURANCE CO. Othce: - Toronto, On The Protection. Profitable Invest the 41. Agents wanted.

The three most prevailing causes of the present century. The Dr. Hope Medi-Limited are so positive of the efficacy of Treatment that they send Free Sample their large treatise entitled "How to Long" on receipt of name and address. As at once to DR. HOPE MEDICINE CO., LIMITED, TORONTO, ONT.

PISASE MENTION THE