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MERS ADVOGATE

AND HOME JOURNAL WEEKLY AGRIGULTURAL

REGISTERED IN ACCORDANCE WITH THE COPYRIGHT ACT OF 1875

MAY 8, 1907

WINNIPEG MANITOBA

Cover your Barns and Sheds with Corrugated Iron It is fireproof, waterproof and easily applied.

IS CHEAPER THAN TIMBER | If your dealer does not carry it, Write to us.

WINNIPEG CEILING AND ROOFING CO., Winnipeg, Manitoba.

VOL. XLII, NO. 763

Central Business College WINNIPEG, MAN.

For full particulars get cur new catalogue "H"

F. A. WOOD

WM. HAWKINS

LLOYD'S HANDY

FARMERS This is just what you want;

handier, easier riding, more durable

and safer than any other seat on the market. If your Implement dealer

or hardware merchant does not han

dle them send us \$3.50 and we will send you one, express prepaid to any express office in Manitoba, Saskat-

Wawanesa Wagon Seat Company, Wawanesa : Man.

You will double the life of your watch if you let us make any needed repairs on

it and give it a thorough cleaning every

year. We are fully equipped to do every kind

We are fully equipped to do every kind of repair work and our workmen take special pride in repairing watches. When they finish a job of this kind everything has been done that should be done. This kind of watch repairing is worth more but costs no more than makeshift repairing.

repairing.
Send your name and address for mailing box.

D. A. REESOR "The Jeweler"

Issuer of Marriage Licenses

Official Watch Inspector C.P.R. & C.N.R.

BRANDON, Man.

chewan or Alberta.

Give Your

Watch a Chance

WHEN GOING HOME

it is lighter,

WAGON SEAT

DID YOU GET ONE

of those Farms on a 10% basis?

If not you will regret it. The chance does not occur every day to buy improved farms on the same terms as School Lands, viz.: 10% cash, and the balance in nine equal annual instalments with interest at 6% on deferred payments. Write us for maps, etc.

McINNIS & CLARK

Box 6

BRANDON, MAN.

easily applied.

DELAYS are DANGEROUS Losses Promptly Adjusted if you are INSURED in the HUDSON BAY INSURANCE CO. LTD. Address P.O. Box 1059, Yoose Jaw, Sask

Live Agents wanted in unrepresented districts

ALEX. NAISMITH,

WM. PATERSON, Vice-President, C. D. KERR,

President.

HEAD OFFICE: WAWANESA MAN. A. F. KEMPTON, SECRETARY-MANAGER

Amount of insurance in force Dec. 31st, 1906 - - - \$17,447,679.00 Assets over Liabilities - - - - - - - - - -224,006.56

The Number of Farmers Insured December 3/91, 1906, over 15,248 Over 15,248 farmers Insured. The largest agricultural Pire I surance Company west of Lake Superior. Agents wanted in unrepresented districts.

KINGSTON

TORONTO

WINNIPEG

Jas. Richardson

Highest prices paid for all kinds of

in carload lots. Special attention paid to low grade samples WHEAT, OATS, BARLEY, FLAX. Write for shipping instructions and price ciculars.

GASOLINE

WE HAVE THEM 8, 12, 16, 20 and 25 HORSE POWER

The Portage Iron & Machine Co. Ltd. Portage la Prairie, Man.

Machinists Bollen

Ship your farm produce of all kinds direct to us-none too large and none too small-fair treatment and prompt payment our motto.

WILTON BROS.

1427 Erin St., Winnipeg

Licensed and Bonded Grain Buyers

DON'T DELAY

Every spring we get in a number of orders that are received too late to fill. If you have not yet ordered your fruits, trees, shrubs, etc. for spring, do not delay a moment. Seed potatoes, 10 choice varieties. Get our free catalog at once.

BUCHANAN NURSERY CO. St Charles, Manitoba. Guaranteed Home Grown Stock Only

POTATOES and consignments of EGGS, BUTTER, GRAIN, on commission. We are open for car lots of POTATOES. If you are going to load a car write or wire us, or ship it in our car. References — Bank of Hamilton (Grain Exchange Branch, Winnipeg); Bradstreet's or R. G. Dunn & Co.

LAING BROS., 234 & 236 KING ST., WINNIPEG

Your Watch Wanted

Send us your watch by mail for repair. A post card will bring a small box for mailing; and we will report cost of work. If you are satisfied we will repair it and return it to you post paid. Your watch will receive prompt and careful attention. All work is guaranteed.

D. E. BLACK,

Expert Watchmaker and Manufacturing Jeweler, The largest Repair Trade in Alberta

130 8th Ave. East, Calgary, Ata

Prices are Good-Take advantage of them by Shipping through us.

Write To-day for Prices and Shipping Directions. Thompson, Sons and Company

Commission Merchants

P.O. Box 77B, WINNIPEG Can.

Wanted

1000 farmers who wish to put their horses in good condition: also 10,000 dairymen who are interested in increasing the quantity and quality of the milk received from their herd, to write for a special offer of Peel's Stock Food (the old reliable), Peel's Gall Cure, Peel's White Linimnet, Peel's Worm Powder.

IT WILL PAY YOU.

The Peel-Richards Co., Winnipeg.

Going to School or Learn a Trade? If so, write for our fine new catalogue giving complete information about the special opportunites offerd for obtaining an education in almost any subject and learning some of the best trades. Address

O. H. Longwell, Pres. Highland Park College,

Bes Maines, Is. Des Moines, Is.

We Own 80,000 Acres of the

Wheat Land

in Western Canada.

Prices from \$7.00 per Acre up.

We can sell you a farm cheaper than any rea estate firm in the West, simply because the land we sell is our own; you do not need much cash to buy from us; write for particulars

FARMER'S COLONIZATION and SUPPLY COMPANY 6 Stanley Block, Winnipeg, Man.



COMMON SENSE EXTERMINATOR

Kills Roaches, Bed-bugs, Rats and Mice

All Dealers and 377 Queen St. W., Toronto, Ontario.

Write for Testimonials.

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DOMINION EXPRESS

Money Orders and Foreign Cheques

The Best and Cheapest System of Sending Money to any place in the World.

A receipt is given purchaser. If order or cheque is LOST or DESTROYED the amount will be promptly REFUNDED. No Red Tape. Full information from any ocal Agent Dom, Exp. Co. or C.P.R.



SYNOPSIS OF CANADIAN NORTH-WEST HOMESTEAD REGULATIONS

ANY even numbered section of Dominion Lands in Manitoba, Saskatchewan and Alberta, excepting 8 and 26, not reserved, may be homesteaded by any person who is the sole head of a family, or any male over 18 years of age, to the extent of one-quarter section of 160 acres, more or less.

Entry must be made personally at the local land office for the district in which the land is

The homesteader is required to perform the conditions connected therewith under one of the following plans:

(1) At least six months' residence upon and cultivation of the land in each year for three

cultivation of the land in each year for three years.

(2) If the father (or mother if the father is deceased) of the homesteader resides upon a farm in the vicinity of the land entered for the requirements as to residence may be satisfied by such person residing with the father or must.

(3) If the settler has his permanent reside to upon farming land owned by him in the vicinity of his homestead, the requirements as to reside may be satisfied by residence upon the said large six months' notice in writing should be given to the Commissioner of Dominion Lands at Ottawa of intention to apply for patent.

W. W. CORY,

Deputy of the Minister of the Interior.

N. B.—Unauthorized publication of this advertisement will not be paid for.

ALL ADVERTISING CONTRACTS ARE MADE SUBJECT TO A GUARANTEE OF 20,500 SWORN CIRCULATION

Farmer's Advocate and Home Journal

The Only Weekly Farm Journal in Western Canada. PUBLISHED EVERY WEDNESDAY BY THE PARMER'S ADVOCATE OF WINNIPEG, LIMITED. GENERAL OFFICES .

> 14 and 16 Princess Street, Winnipeg, Man. Branches at London, Ont. and Calgary, Alta.

BRITISH AGENCY-TW. W. CHAPMAN, Mowbray House, Norfolk Street, W. C., London, Eng. TERMS OF SUBSCRIPTION.—In Canada, England, Ireland and Scotland, \$1.50 per year in advance; \$2.00 when not paid in advance. In the United States, \$2.50 per year in advance. All other countries, \$3.00.

ADVERTISING RATES—Single insertion, 15 cents per line, agate. Contract rates furnished on application.

application.

REMITTANCES should be made direct to this office, either by Express or P. O. Money Order or Registered letter, which will be at our risk. When made otherwise we will not be responsible. THE DATE ON YOUR LABEL shows to what time your subscription is paid.

CHANGE OF ADDRESS—Subscribers when ordering a change of address should give the old as well as the new P. O. address

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. Contributions sent us must not be furnished other papers until after they have appeared in our columns Rejected matter will be returned if accompanied by postage.

ANONYMOUS communications will receive no attention

LETTERS intended for publication should be written on one side of the paper only.

THE PARMER'S ADVOCATE is sent to subscribers until an explicit order is received for its discon-

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

Address all communications to PARMER'S ADVOCATE OF WINNIPEG, LIMITED.
WINNIPEG, MAN

Contents of this Issue.

Winnipeg

GRAIN COMMISSION

Reference: Bank of Toronto

Consign your grain to us to be sold at best possible prices on arrival or afterwards, as you may elect. Liberal advances on bills of lading. Prompt returns. Futures bought and sold. Twenty years experience in grain commission business. CORRESPONDENCE SOLICITED LICENSED AND BONDED.

McMILLAN FUR 228 King St., WINNIPEG, MAN.

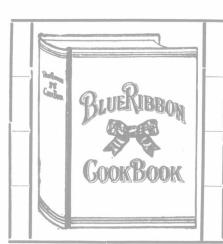
YOUR BUTTER will bring you a higher price and will also find a ready buyer if properly done up in nicely printed wrappers. We quote the above

at the folio	Mill F	offices.			
$8\frac{1}{2}$ x 11 or 9 x 12	1000	add. 1000	$\frac{1}{2}$ x 11 or 9 x 12	1000	add. 1000
Single Brand	\$2.75	\$1.00	Combination S.B. 4	\$1.85	. 65
Single Brand	2.00	.75	Single Brand 9 up	1.50	.45
Single Brand 4	1.75	. 65	Com. Brand S.B 9 up	1.70	.45

Victoria

Box 345, Winnipes, Manitoba.

Should be in every home in Western **Ganada**



The price puts it within the reach of all. A good cook book is a necessity —not a luxury.

YOU CAN HAVE IT FOR ONLY

Or if you are already a subscriber to the FARMER'S ADVOCATE, send us the name of one new balance of the year subscriber, at the special price of 75c, and we will mail you the Cook Book, postpaid.

It is only necessary to show a copy of the Farmer's ADVOCATE to your friends to secure numerous subscribers.

Address--

The

Farmer's

WINNIPEG, MAN.



FOUNDED 1866

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MAY 8, 1907.

Ship your WHEAT, OATS, BARLEY, FLAX to us and obtain highest prices

G. B. MURPHY & CO., Winnipeg, Man.

Made of High Carbon Wire,—we'll prove it to you. COILED not crimped. This makes it still stronger in service. It stays taut. Painted WHITE over heavy THE PAGE WIRE FENCE COMPANY, LIMITED,

galvanizing-rust proof. Experienced dealers to erect it. Leads all in sales—as in merit. Get illustrated booklet and 1907 prices before buying Walkerville, Toronto, Montreal, St. John, Winniper

The Best in the

52 acres of splendid fruit land only 20 minutes from the centre of the City of Nelson. First-class wagon road through property.

5 acres under the very best of cultivation and 13 acres almost ready for

? of an acre bearing strawberries.

500 raspberry bushes. 150 apple trees. 50 cherry trees. All the very best

Last year 41 TONS of finest tomatoes were raised from half an acre of new ground on this sunny property and marketed at good prices. at Salthal

Small frame house and good frame barn.

\$100 per acre on easy terms.

Wolverton & Co. NELSON, B.C.

SEE ANNABLE

If you want to Invest in a

la British Columbia

200 different lots, from 5 to 200 acres, for sale on Kootenay Lake, Kootenay River and Arrow Lakes-the finest fruit district in British Columbia. BUY floor. Prices range from

\$15 to \$100 per acre

Your Money will Double in Two Years Write for Particulars

J. E. ANNABLE, Nelson, B.C.

THE JOHN ABELL ENGINE AND MACHINE WORKS CO. Ltd.

Rebuilt Engines in all sizes. Rebuilt Separators 36x56, 36x60, 40x60 Write us for prices or call and see the goods, a smallness of our prices will tempt every to be his own thresher. All engines and charcters are put in first class running order to Man St. P.O. Box 481, Winnipeg. Man.

Common Life Building Winnipeg, Canara

Solicitors for Farmer's Advocate

w w RICHARDSON WINNIPEG

WHEN YOU COME TO THE

Lightning has no effect on them. They are absolutely fireproof. Rain and snow—heat and cold—can't rust, crack or warp them. The perfect fitting side lock (exclusively Eastlake) makes the roof absolutely leak-proof, and cost of putting on much less.

OUR GUARANTEE:

We guarantee Eastlake Metallic Shingles to be made of better material, more scientifically and accurately constructed, to be more easily applied, and will last longer than any other Metal Shingle on the market. Our guarantee is absolute. Our Shingles have been made since 1885.

Eastlake metallic Shingles are made either galvanized or painted. They are handsome in design, attractive on the house and last a lifetime. Our cheapest grade will last longer and costs less than the best wooden shingles. Our best Metallic Shingles make as superior . AQUAPROBO a roofing to wooden shingles, tin, slate, etc., as these were PAPER to sod roofs. Let us send you the proof. Write us. Complete information free. COMPANY, Limited. MANUFACTURERS WOOD Toronto and SHEETING Winnipeg

Western Canada Factory: 797 Notre Dame Avenue, Winnipeg. Head Office: Toronto

Given Free Who sends in one new name accompanied by \$1.50 or two new names at our special balance To Any of the year offer at 75 cents each.

JOSEPH RODGERS & SONS

Subscriber of the

Farmer's Advocate

Hundreds testify to the exceptional value of this premium.

The Farmer's Advocate of Winnipeg, Limited

MANITOBA



De Laval

Gream Separators

Are the choice of creamerymen, and the world's experts on dairying and dairy machinery.

What's Yours?

(Over 800,000 in use—every Highest Award.)

The De Laval Separator Co.

WINNIPEG

REPRESENTATIVES EVERYWHERE

Money Saved Dealing with us

We Save you from 25 to 50c. on every Dollar you spend for Groceries, Hardware, Clothing, Shoes, etc.

We deliver FREIGHT PREPAID to any railway station in Manitoba, Saskatchewan, Alberta, British Columbia and West Ontario.

WRITE FOR OUR PRICE LIST IT IS FREE

If you want to know who we are ask your neighbors, some of them are surely patronizing us.

WE OFFER FIRST-CLASS GOODS ONLY TRY Us AND BE CONVINCED

NORTHWESTERN SUPPLY HOUSE 259-261 Stanley St. WINNIPEG, Man.

CUSHING BROS. CO., LTD.

THE GREATEST SASH AND DOOR

HOUSE IN THE WEST.

Doors Windows Plate Glass

Shingles Lumber Lath

FACTORIES:

Calgary Edmonton Regina

BRANCHES: Strathcono

Red Deer. Fort Sask stcheway

Robson

Robson, B. C., 22-4-07

Messrs. McDermid & McHardy, Nelson, B. C. Dear Sirs:-

the Cream of the

I bought a lot from you 1st Jan., 1907, not seeing it until I moved on it 27th March. I wish to state the quality of soil, and the location of the property far surpasses my greatest expectations. I have lived on the prairie for twenty years, in southeastern Saskatchewan. I travelled over a considerable portion of B. C. before locating here. People on the prairie imagine living in the Rockies means obtaining a very short glimpse of the sun during the daytime. In fact, according to their ideas, the length of time it takes the sun to traverse the space from takes the sun to traverse the space from behind one mountain until it hides itself in obscurity behind the next, is all the sunshine we are entitled to. I was agreeably surprised myself to find we have just as bright sunny days here at Robson as we had on the Prairie.

People in the East, who are intending moving to some other part of the country, where they can enjoy a more 'favorable climate,' and surroundings, would save themselves a great deal of expense and travel, if they would come to Robson. After they had thoroughly examined the property, and the location, they would undoubtedly conclude, "They could not possibly wish a better place to live."

I find, all prices for produce, and the general description of the property, exactly as stated in advertising matter, and not in the least exaggerated.

Yours sincerely, (Signed,) H. Hedley.

LET US SELECT A ROBSON LOT FOR YOU

Illustrated Booklet Free on application

McDermia & McHardy NELSON, B.C.

NOT A ROBBERY

Only a Fair Exchange

You Want Money

To provide the necessaries of life, and the trifles here and there that contribute to the comforts of the home and make life enjoyable.

We Want Cream

That we may be able to supply the great demand for "Prairie Rose" Butter from the Great Lakes to the wide Pacific.

You Send us the Cream We'll Send you the Money

You will always find our prices right, and the longer you deal with us the better you will be satisfied. GET READY NOW for the best of the season.

We also handle Dairy butter and eggs. For further information write to

The Brandon Creamery & Supply Co. Ltd. Dept. B.

1421-3 Rosser Ave.

BRANDON, Manitoba

Real Estate Guide

Saskatchewan and Alberta

100,000 acres choice wheat land in the Goose Lake and Eagle Lake Districts.

Several choice sections on the main line of the Can. Northern Ry. at Humboldt, Quill Lake and Wadena.

Improved and unimproved lands in the Regina District and on the Prince Albert, Arcola and Soo lines.

Regina City Property

We own property in all parts of the city, also two of its best

We have 160 acres adjoining Regina which will make a splendid sub-division.

British Columbia

Timber Limits on Vancouver Island

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The City of Victoria

A city of beautiful homes, the playground of the Dominion and the tourist's paradise.

Thousands of Canadians. Englishmen and even Americans are making Victoria their winter home, owing to its semitropical climate.

The coming two years will see an enormous increase in property values in Victoria.

BUY NOW. We have recently purchased two of the finest sub-divisions in the city and are offering lots for sale at prices and terms which cannot fail to appeal to you.

For full particulars re any of the above write the owners,

C. W. Blackstock & Company

Head Office, ROSE STREET, REGINA, Sask.

Branch Office, 76, Fort St., Wictoria, B.C. Branch Office, 20th St , Saskatoon, Sask.

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Ltd.

Farmer's Advocate

and Home Journal

REGISTERED IN ACCORDANCE WITH THE COPYRIGHT ACT OF 1875.

May 8, 1907.

WINNIPEG, MANITOBA.

Vol. XLII. No. 763



The Arbor Day Spirit.

content to rest. Our standard of a home has eases. its own and humanity's destiny, and so far such does not occur in such cases. a people has never been produced upon a land where grass is practically the only vegetation.

The tenor of these remarks reflects upon the Arbor Day spirit, a spirit that should permeate some farms nothing more can be done this year is honesty, for without that indispensable qualthan the preparing of the ground; upon others ity the whole fabric falls to the ground. trees and shrubs native to the country and recently the directors of the American Shortindigenous to the district can be lifted from bluff horn Breeders' Association have found two experience as a teacher; but even the best of and woods and transplanted about the farm- breeders guilty of falsifying pedigrees, and as a teachers must have apt pupils and receptive steading; vines can be obtained and planted upon result have expelled both breeders and will minds. Each year's seeding is an experience the sun-exposed side of a kitchen or living room; proceed against one in the courts, the penalty that if approached and engaged in with an enquirchildren at school can be interested in flowers on conviction being a fine and imprisonment. ing mind leaves a man better fitted to conduct and shrubs; in fact, there is an imperative need One breeder was found guilty of registering his business in the future. The clodhopper that everyone become infatuated with a vision of spurious pedigrees in the herdbook and offering watches for the land to dry; then with plow, a country dotted with homes surrounded with at auction sales cattle under false pedigrees, seeder and harrow proceeds to the operation of trees, which in turn develops a people broad in Another breeder was convicted of selling a cow seeding. Upon him the obvious demonstrations. intellect, sympathetic in character and versatile in under the name of one that was dead. Both of nature in the effects upon the soil of certain ability. Plant trees!

Where a Little Professional Advice Would have been Helpful.

of work to be attempted by any Department of such as is done by the Health of Animals Branch suppression of contagious diseases of animals. Such work, necessitating as it occasionally does, ficance of such diseases.

such does occur we must put it down to lack of breed societies we recommend to similar Cana- and a firm, level one in the spring, and know accurate information and not to any anxiety to dian organizations.

precipitate trouble. A case in point is furnished by a letter recently sent out by the Department of Agriculture at Edmonton, in which statements

Live Stock.

The hacis of the nurehred live stock husiness breeders will not again be allowed to enter conditions of moisture, temperature and aeration animals in the herdbook. It is to be hoped are entirely lost. To him plowing is simply that warnings such as the above will be suffi- turning up the ground and harrowing is levelling cient; the purebred live stock business must it off. Seeding is the scattering of the grain be conducted so that there is not a breath of without regard to the fitness of the soil and suspicion raised, or all breeders suffer as a climate for its growth. And the sooner it is all One of the most difficult and delicate pieces result. A short time since our attention was over the better luck he thinks he should have. called to some horses said to be registered ClydesThere is another class of men who observe the a Government is that of veterinary police work, dales, and our opinion asked as to whether such phenomena of nature and also the mental animals appeared to be purebred. A question indigence of their neighbors and profit by them. of the Dominion Department of Agriculture, such as that cannot always be answered, beyond Experience and observation teach such men dealing as it does entirely with the control and giving the information that if the animals were that there are certain ideal conditions of soil purebred, they were not typical specimens of moisture and temperature in which seed springs the breed or at all high class. The querist (a rapidly into the blade and that under these compulsion in the interests of the public health. horseman) then stated that it looked to him as favorable conditions crops come best and quickest may cause friction, especially in the case of hot if the animals in question might be travelling to maturity. In their operations these men heads or people lacking information of the signi- on borrowed pedigrees. It is thus evident endeavor to work in harmony with nature. In that a breeder of purebred stock who will per- the fall their fields are packed to retain moisture Conflict may, as already stated, occasionally sist in marketing culls is leaving the way open and in the spring an effort is made to keep the arise, but one does not look for nor expect it from for suspicion of the purity of the breeding of land firm with the exception of the layer on top official sources, presumably working in the public such animals. The example of the American to protect from the drying winds. They have interests and towards the same goal, but when Shorthorn Association and that of British learned the effects of a rough surface in the fall

We Need More Butter Manufacturers.

Just a short time ago announcement was made (all erroneous) were made reflecting on the in the daily papers that butter was very scarce, Veterinary Branch, Ottawa, and another to the that a certain big railroad contractor could not effect that the Dominion Contagious Diseases get the necessary quantities of this dairy product Act did not provide for the control of anthrax, a to butter the bread of the men in his camps. malignant fatal disease in animals and man. What is the reason of such shortage of supplies? Such news came as a shock to us until we realized The market quotations show prices which we are that the Department at the northern town had assured by those who know the manufacturing of Our endorsation is upon the plans of the made the very serious mistake (for a Government butter from A to Z, as fairly remunerative. The Western Horticultural Society in its endeavors office to make) of confusing anthrax with blackleg; output nowhere approaches the demand, and it through organized friendly rivalry to further the and as a result of such a mistake had caused to be would seem that there is abundant opportunity growing of trees, shrubs, flowers and grasses for included in the Public Health Act of Alberta four for more creameries in the country. Some the beautifying of homes and schools. In the clauses, 84 to 87, entirely unnecessary and people have an antipathy to the big central knowledge that we have land in plenty upon liable to provoke a conflict of authority and creameries, a feeling not shared in by us, yet for which to build homes and to grow crops and hindrance to the proper method of carrying out all we think there is plenty of room for both stock for their maintenance, we have been too attempts to stamp out animal contagious dis- central and local creameries. The reluctance to engage in the work is largely due to lack of descended to the low level of the necessary—the Anthrax is a malignant, quickly fatal disease understanding as to the best methods to follow, home and the land. The significance of the power to animals and man; blackleg is a disease of young both in production and in marketing. Dairying of attachment possessed by woods, groves, cattle, is not communicable to human beings and is the natural adjunct to bacon raising, another lawns, flowers, vines, and a combination of natural can be prevented by the use of vaccines. The very profitable phase of modern farming to-day. embellishments is not sufficiently appreciated. Department at Edmonton has evidently been The separator has rendered dairying a far more The man or woman or boy or girl who spends misled, but seeing the two Departments of Agri- simple and therefore more perfect line of work his or her moments of rest and recreation on the culture at Ottawa and Edmonton work together than ever before, and to those who will engage dry parched brown grass on the sheltered side of so well in the matter of live stock judges, seed in it it affords an opportunity to get a good a house exposed to the glaring sun and the fairs, etc., it is a pity that the junior Department return for their labors. Many people would blistering summer winds, cannot develop into so had not consulted the senior before issuing the support creameries if they thoroughly underuseful a citizen, cannot even be so capable of statements with a request for publication. stood the ins and outs of the business. We making money as he could have been if these Knowing such to have been made in error, the would advise any of our readers who have any moments were spent in spots where trees break Farmer's Advocate refrained from doing so, idea of going into dairying to consult with experts the velocity of the winds and by filtering it and only draws attention now to put people on provided by the respective Departments of Agrithrough their moist leaves give it the benign their guard against taking the statements culture for that purpose. In Manitoba, Prof. influence of a soothing breeze where grasses seriously if such appear elsewhere. The extracts W. J. Carson, M. A. C., Winnipeg, Man.; Supt. sheltered from the action of evaporating winds from the Public Health Act show a distinctly W. A. Wilson, Regina, for Saskatchewan; grow fresh and green, where flowers lift their soft amateurish hand, for in section 85 the following C. A. Marker, Calgary, for Alberta. These men tints to relieve the strain of the monotony upon words are seen regarding animals affected with can be relied upon to give information necessary, the eye and where creeping vines ramble over anthrax, glanders or rabies; "Such are to be and being disinterested parties, their only interest walls and fences, giving to the home a sense of isolated until the animal dies or recovers"! (The being the furtherance of dairying in their respecseclusion and of privacy. The influence of italics are ours.) Once the diagnosis of either tive provinces, the information obtained from surroundings upon character can only be meas- of the diseases mentioned is arrived at, no them will be instructive and helpful. The output ured by the alternate fitness of a people to direct temporizing should be permitted, for recovery cannot be increased all at once, but there is, we believe, a field for the man liking good stock, not too heavily engaged in wheat raising, to do It Pays to be Straight in Registering good work and to recoup himself weekly, fortnightly or monthly as the case may be with creamery cheques.

Clodhopper or Farmer.

There is an old adage about the value of

each is to be avoided.

An acquaintance with the land is absolutely necessary to a man to make a prolonged success of farming, and the closer this acquaintance is the more fully a man realizes the importance of consulting the land and the more there is to be learned from it. Closer contact with it develops an instinctive knowledge of the amount of its resources of fertility and of the treatment that is calculated to distribute that fertility to the best advantage. Most of course is to be learned from contact with the surface, but neglect of the subsoil often develops a hard pan below the point of cultivation, whose effects may be mistaken for an exhaustion of the fertility supply. Instances are not wanting of men farming only that part of their soil winch the plow turns over and of exhausting it, while others farm to the depth of their productive land, thus using the land below

the point of the plow to reinforce the soil above. The treatment of the land to obtain the largest possible supply of moisture is probably the most important lesson one can learn from the practical work of cultivation. Crops grow best in soils with small particles, fine tilth and mellow texture, for the reason that a film of moisture clings about each particle of soil and is passed on to the roots; the roots are also better able to reach out in a mellow soil to obtain this moisture; hence the more particles the more surface for water to adhere to and the more moisture that will be

available to the crop. The moral of all this is that the better a man studies his soil the better his crops will be. Soils are open books and bill boards to the observant farmer, but closed volumes to the clodhopper.

HORSE

Some \$37,500 is offered in prizes in 124 classes that have been provided for the International Horse Show to be held in London, Eng., June 7th to 13th.

Reginald C. Vanderbilt has purchased in England the Hackneys Merry Mathias and Gay Mathias, both winners at the London Hackney Show, the former this year and the latter in 1906.

At a joint auction sale of imported Clydesdale fillies held at Woodstock on the 16th ultimo, fifty-two head were sold at an average of \$277.50. The highest figure was for a Royal Favorite three-year-old, Royal Madge. The bidding was keen although the fillies were thin. W. A. Walker. of Carnegie, Man., purchased a pair of four-year-

The Minnesota Agricultural Society has opened a futurity stake of \$5,000 open to trotters and

Enrolment Act Inopportune.

EDITOR FARMER'S ADVOCATE: neighborhood of the North Pole. Now is it worth while my hunting this team to see if I am entitled to \$30.00? I bred another mare to a Thoroughbred. blank colts you can hunt them on the prairie." Of outwards under the center of gravity, and this ing, and unless the animal can do his work withblank colts you can hunt them on the prairie." Of outwards under the center of gravity, and one course this would be an exception. I say license all removes from the foot the well-marked piling out shoes, we are compelled to use ankle, shin or graded stallions and cross-breeds; the registered ones motion. In either of the above cases there is knee boots, according to the height of action,

Defective Action in Horses

Defective action in horses is usually due to undesirable conformation, and, in many cases, little can be done to correct it. The height of action can be greatly influenced by careful shoeing and driving, but these factors do not influence the line of action to any considerable degree. The true actor will fetch each foot forward in a straight line, neither paddling nor rolling the fore feet nor going wide, nor yet close enough to interfere with his hind feet. Any deviation from the straight line is defective. An exception to this may be made in respect to the roadster, which is allowed to go somewhat wide behind, although the "straight-line" trotter is preferred. The line of action a horse will show can, with reasonable certainty, be told by his conformation. This is especially true in regard to fore action. A horse with a breast of average breadth, with fore legs set well under the body, and descendfore legs set well under the body, and descending downwards in a straight line, deviating thereby prevent striking. When the knee is the neither outwards nor inwards, and standing straight, turning the toes neither outwards nor inwards, will, with few if any exceptions, go defect in action is so marked that he will strike straight, while if there be any deviation in the at all heights, prevention is very difficult. All direction of the limbs from the shoulder to the manners of shoeing have been tried; such as ground, or if he turn his toes either way, there shoeing with tips—that is, shoes covering only If the limbs deviate outwards he will of necessity part of the lower border of the wall, reaching will be a deviation from the straight line of action. stand out-toed. Out-toed horses usually roll lowering the under side of the foot in order to

Probably rolling causing "speedy stroke" is the most serious defect in fore action. This is noticed in horses whose conformation from shoulder to fetlock or pastern joint is normal. those which stand with the feet the proper distance apart, but whose toes turn outwards. The malformation may be, and often is, from the fetlock downwards; the bones below the fetlock deviate outwards to a greater or lesser degree, and, as a consequence, when the foot is planted the toe turns outwards. In other cases the defect is from the pastern joint downwards. The danger of the horse injuring himself is influenced by the degree of deviation and the height of action. The tendency is to roll the foot and strike the opposite limb. The liability to strike can, in many cases, be lessened by careful shoeing. When the fetlock of the opposite leg is the seat of contact, a heavy shoe, with the toe rounded instead of having a calk, will in many seat of contact a light shoe will usually cause lower action and prevent wounding. When the stand with his feet wide apart, and will usually only partly around and leaving the heels bare;

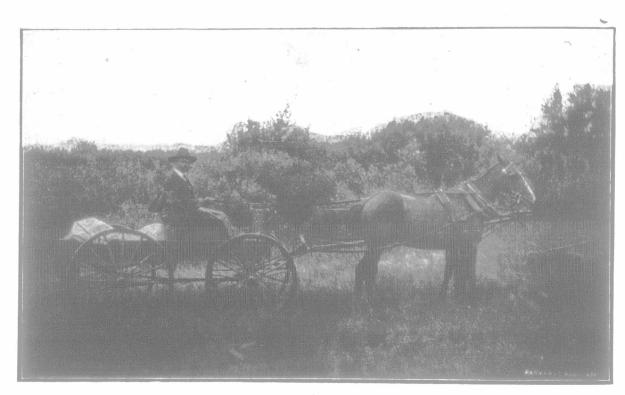


Photo by W. O. Baber, Moffat. CARRYING HIS MAJESTY'S MAIL. THE WOLSELEY, ADAIR, MOFFAT STAGE.

when the foot is lifted and pacers, foals of 1907, foaled, owned and raised brought forward the toe deviates inwards towards turn the toe inwards. This, in our opinion, is and trained in Minnesota, Michigan, Wisconsin, the pastern, fetlock, cannon or knee of the oppodangerous as in order to keep the foot and limb Iowa, North and South Dakota, Nebraska, site limb, according to the height of action. In sound it is necessary that the horse stand nearly Wyoming, Oregon, Washington, Manitoba and many cases the opposite limb is struck. (Wounds or quite level, as any material deviation from the Canadian provinces west of Manitoba. The from this cause are called "speedy stroke.") this tends to put too much strain on certain \$5,000 purse will be split in two divisions—\$3,000 In the case just mentioned there will probably tendons or ligaments, or to place the bones formfor trotters and \$2,000 for pacers, to be raced for not be speedy stroke, as the feet are planted at ing the joints in an unnatural position, and in 1910. Entries will close July 1st, with Secret- considerable distance apart, and though when hence predispose to disease. Another method not strike it, because it, instead of being well inside from toe to heel. The shoe must be of Re enrolment of stallions so much discussed, I have under the body, deviates outwards from the the same thickness in order that he may stand always looked upon the same as a farce. I bred a line of probable contact with the shoe of the and plant the foot level, but the inside being team of mares to a Shire at \$15.00 last season. In the lifted foot. The opposite conformation is when much wider is consequently much heavier, and is usually accompanied by a very wide breast), inside tends to keep it down below the level of The owner of the mare got on a "bust" and sold her the feet are planted close together, and in most the outside, and thereby prevent the rolling to a stranger. Where do "I get off" in this case? cases the toes turn inwards. In-toed horses motion. Some claim that the outer side of the If the service of the stallion constitutes a lien on the usually paddle or dish; that is, when the foot shoe should be the heavier, but we have never mares it would not be so bad, but the idea of a stallion is lifted and brought forward the toe describes known it to correct the action and cannot underowner being supposed to wait twenty months before a segment of a circle outwards, requiring for stand the principle upon which it is supposed to too operose. And if a seizure were made I can progression a much wider space than for stand- act. The rolling motion of some horses is more picture a farmer having the colts all nicely halter ing. At the same time, horses of the conforma- easily modified than that of others, and what broken and waiting in the corner for Mr. Sheriff, tion under discussion will not show the pad- will affect one will often have no beneficial action Oh yes! there may be an old "hunter" occasionally dling gait to a marked degree, as when a foot is upon another. In many cases we find that the found who may say. "If you want them blankety lifted the tendency of the whole limb is to incline fault cannot be corrected by any manner of shoegraded stallions and cross-breeds; the registered ones will generally be well enough known and can be trusted to be left alone. If any "Muggins" buys a stallion with a bogus pedigree he deserves to suffer.

At the fairs I would give procesto registered stallions and cross-breeds; the registered ones motion. In either of the above cases there is known accounts, according to the neight of action, practically no danger of the animal information and as the height of action often depends upon himself on account of defective action and the speed at which a horse is driven, and some although such defects lessen his value, they are here with strike at any and all gaits, it is sometimes the fairs I would give process to registered stallions. W. A. Jackson. anything can be done to rectify the defects.

lifted a foot tends to come inwards under the of shoeing is to put on a shoe the outside of center of gravity, and at the same time the toe which from the toe to the heel is light, being of rolls towards the other limb, in most cases it will the same thickness, but much narrower than the the limbs deviate downwards and inwards from the theory (a mechanical one) is that when the the shoulder to the ground (which conformation foot is suspended in the air the weight on the

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Points of the Clydesdale

quately convey an idea of the present standard excelled Darnley at the walking pace. The of points in the Clydesdale, mainly because the chief improvements effected in the Clydesdale to of the present verse are in our opinion, these the chief improvements are of necessity relative, and during the recent verse are in our opinion, these the condition of the infection, particularly when, as is often have different shades of meaning, according to An increase in the quality, by which we mean the are dispersed among innocent purchasers.

about fifteen years ago, begin with the feet— unsoundnesses by the Royal College of Veteri"no foot, no horse"—and travel upwards. We nary Surgeons. In proof of this, it is but necesremain in good working order. follow their example. The ideal Clydesdale sary to refer to the results of the veterinary examhorse of modern days has large, round, open feet, inations at the Royal Agricultural Society's difficulty after a fashion by leaving the contact with particularly wide coronets, and the heels Shows since these came into force. None of the horses severely alone, thus avoiding the responsiare also wide and clearly defined. His pasterns other draft breeds has come anything like so well bility which would have to be assumed if the animals, are long, and set back at an angle which would through this ordeal as the Clydesdale. J. C. S. be considered too acute in the Shire. His bones

are wide, flat, thin and dense.

carry both feet absolutely straight and level. He has a wide chest and low counter, but his limbs are planted well under him, and there is to keep its readers in touch with the latest no tendency to what is called being wide at the scientific work in the suppression of animal shoulder—that is, having the fore limbs so coming out of the shoulder that the horse is compelled to walk in front somewhat after the fashion of a bulldog. The slightest inclination to this in a Clydesdale is regarded as unpardonable. The Clydesdale has an oblique shoulder, lying well back on high withers. A ewe neck-that is, a neck which carries the crown of the head at about the same level as the top of the shoulders in handling the disease the last two or three prevailing in more than one district in Canada, and high neck, whether in male or female, is always an attraction. The head should be of medium with vigorously. In British Columbia the disease length, and broad between the eyes and at the muzzle. A tendency to "dish-face" may be observed in some tribes, and this is generally with this serious disease and yet fail to show ing of infected study is continually going on, the accompanied by a small ear, and what, in the outward symptoms of the disease. Fortunately reactors being subsequently sold as expeditiously main, is characterized as a "pony head." Wherever this style predominates, there is probably ders in the human family, or they would be credit these private mallein tests, conducted by the conductive of the blood of the disease. Fortunately reactors being subsequently sold as expeditiously as possible. Prominent veterinarians in Great Britain to show ing of infected study is continually going on the property of the blood of the disease. Fortunately reactors being subsequently sold as expeditiously as possible. Prominent veterinarians in Great Britain to show ing of infected study is continually going on the property of the disease. a strain of Highland or old Galloway in the blood. On the other hand, the hard, narrow face and Roman nose are regarded as equally, if not more, In the special report on glanders sent by Dr. objectionable. Such features are usually indicative of a strain of Shire blood, and, indeed, we find a lot of valuable up-to-date information, they are not otherwise to be accounted for in not available even in the best veterinary text the Clydesdale. An open, level countenance, books or works on sanitary police work. We which, during the last ten years, have been distributed vigorous eye, and large ear, are greatly valued, have gleaned here and there because the disease in large numbers through the country. Glanders and not readily sacrificed. The hard limbs of is one of moment to Canadians, in its menace on the range exists to a considerable extent in a the Clydesdale have not nearly so much attento human life, its cost of suppression gradually tion paid to them as the fore legs-and in this, decreasing as a result of the sane methods used, we think, Clydesdale judges err. Especially in regard to entire horses, it is true that no part of their anatomy should be more carefully attended to, and broad bones, of the texture indicated one of the most serious and dangerous of animal dom used on the range, but it is a common thing for as essential in the fore legs; broad, clean, sharplyplagues, and even were there no recent striking owners to shoot down any clinical cases they may
defined hocks, with the hams coming well down
developments, or rather circumstances, demanding notice, the others, showing no symptoms, being sold into the thighs, and the latter maintaining their strength and muscular development right down, be out of place. Roman nose, and the straight hock, than was ing with it.

Roman nose, and the straight hock, than was ing with it.

As a matter of fact, however, I was, like many desirable Dernley 222 gave us too great a lack. From August, 1902, until the present we have. As a matter of fact, however, I was, like many other veterinarians, under the impression obtained of muscular development in the thighs, and maintained a continuous effort to eradicate glanders other veterinarians, under the impression obtained rather a sudden droop in the quarters. Thor- in the Dominion, a work, I may say, of no small from a number of reliable professional sources, that oughbred quarters are not asked for in the Cly- difficulty, when the size of the country, its climate it was quite unnecessary to kill horses of this class, desdale, but, on the other hand, neither are the and the conditions under which horses are kept in and that satisfactory results would follow the adopquarters of the Percheron. The tail should be many districts are taken into full consideration. well set on, by which we mean that it should be The discovery of mallein in 1900 and retesting from time to time such as reacted well set up, and the quarters and thighs should not be too sharply marked off.

this particular he generally excels. He is never as also the various ironclad rules to be followed in that the results obtained were altogether disprojudged travelling round about the ring, but always up and down the center in front of his judges. Hence his limbs must be squarely planted under him; they must follow each other in an undeviating line, and it is an all-important requisite that the points of the hocks be inclined The knowledge of this fact has, of course, necessitated gered the other reactors with which they were beine inward and not outward. A Clydesdale must a complete change in the methods of dealing with kept, and some of which might have a possible change stand with his hind legs in regulation military outbreaks of the disease. Whereas it was in former of recovery, but indirectly threatened, through form—heels in and toes out. Any other arrange- years, and in some countries is, even to-day, con- the various every-day channels which horsemen is tabooed, and if perfection is not always attained sidered sufficient to slaughter animals showing well understand, the health of other animals not is tabooed, and if perfection is not always attained it is always sought for, and many things are sacrificed to secure the prize for an animal which sacrificed to secure the prize for an animal which sacrificed to secure the prize for an animal which sacrificed to secure the prize for an animal which sacrificed to secure the prize for an animal which sacrificed to secure the prize for an animal which sacrificed to secure the prize for an animal which sacrificed to secure the prize for an animal which sacrificed to secure the prize for an animal which sacrificed to secure the prize for an animal which sacrificed to secure the prize for an animal which sacrificed to secure the prize for an animal which sacrificed to secure the prize for an animal which sacrificed to secure the prize for an animal which sacrificed to secure the prize for an animal which sacrificed to secure the prize for an animal which sacrificed to secure the prize for an animal which sacrificed to secure the prize for an animal which sacrificed to secure the prize for an animal which sacrification is not always attained clinical symptoms, while ignoring entirely those actually housed with them.

The consequence of the prize for an animal which sacrification is not always attained clinical symptoms, while ignoring entirely those actually housed with them. keeps its hocks well together. The consequence modern veterinarian insists on the latter being sub- and further experience was obtained, serious doubts mitted to the mallein test, and if found to react, as to the conclusions previously reached by eminent either slaughtered or segregated for observation and veterinarians, both in Europe and America, as to hydesdale, as a rule, is both a good walker and good trotter. Some of the best show horses occurred there is a strong likelihood that some of the by reactors not showing clinical sympto

have had trotting action almost equal to that contact horses will be found to be affected, although It is not easy to find language which will ade- was a stallion of any breed which could have symptoms. the example of the breed present to the mind's density and wearing properties of the bones; a Under ordinary circumstances, especially when

THE FARMER'S ADVOCATE

In approaching one, the ideal Clydesdale should The Glanders Question Worthy of Careful Thought.

From time to time this journal has endeavored interesting diseases, especially those communicable to man. Among those diseases, glanders has been most prominently before the public of Western Canada. In Manitoba the disease was rife until the policy followed by the Veterinary Branch described below was adopted. We are glad to state that there is a falling off in the number of cases, undoubtedly due to the vigor shown is not regarded with favor, and an arching, years. In Saskatchewan and Alberta the disease was also very prevalent, but is now being dealt has caused no end of trouble, people generally not understanding that horses may be affected be trifled with for the matter of a few dollars. J. G. Rutherford to the Hon. Sydney Fisher, and its tendency to jeopardize the export trade in horses.

special attention, a report of this kind would not

dubious disease "nasal gleet."

of the best Hackneys, while there probably never for a time at least they may present no external

terms employed are of necessity relative, and during the recent years are, in our opinion, these: done, studs in which glanders has been found to exist,

marked advance in the direction of deepening no provision for reasonable compensation exists, The old school of Clydesdale judges—that is, the rib, shortening the coupling, and rounding the problem presented by the condition outlined the school of thirty-five years ago—began to the barrel; a gradual but quite discernible return above is exceedingly difficult of solution. While judge at the head, travelled over the back and to the old Clydesdale type of head, and a very horse owners, unless very poor, very ignorant or quarters, finishing up with the limbs and feet. distinct advance in general soundness and free-very unprincipled, are generally willing to have The new school, which began to assert itself say dom from the diseases scheduled as hereditary clinical cases destroyed, they quite naturally object to the slaughter of animals which may have reacted to the slaughter of animals which may have reacted to mallein, but show no evidence of disease and

> In some countries the authorities overcome the on being tested, were found to react. Untested, they are presumably healthy and are left free from restrictions.

> As an illustration of the results of pursuing a policy of this kind the following figures from the returns of the Board of Agriculture for Great Britain are very

1898		horses	destroyed
			"
1900		6.6	4.6
1901	2,370	6.6	6.6
1902	2,073	6.6	4.6
1903		6.6	4.4
1904	2.628	6.6	6.4

It is not, however, necessary to go to Great Britain for proof of the folly of ignoring the contact horse. Similar object lessons are furnished by the conditions while, of course, I cannot presume to speak authoritatively on these matters, I feel confident that in some of the United States of America glanders is

rapidly increasing owing to this cause.

The evil is greatly intensified by the fact that, inclined to consider the disease as one not to unscrupulous owners through equally unscrupulous practitioners, with the notoriously rapid spread of the disease in that country during recent years.

RANGE HORSES DISSEMINATE GLANDERS.

Perhaps the most dangerous agents in thus dis-seminating glanders are the Western range horses, is one of moment to Canadians, in its menace on the range exists to a considerable extent in a latent and often very mild form, but it rapidly develops when the animals are broken, stabled and put to work. Many of the most widespread and most serious outbreaks with which we in Canada horses.

have had to deal are directly traceable to importations of range horses. Mallein is, of course, sel-

Having made this digression in order to clear the almost to the hocks, should be more insisted on As matters stand now, however, there are grave way for what follows, I will, with your permission, than they are. The truth is that we are disposed reasons for the careful summing up of the whole revert to the time, when, in 1902, I was called upon to regard weakness in the thighs as the most situation, and in my opinion for the serious recon- to formulate a definite policy for the control of glan to regard weakness in the thighs as the most undesirable blemish on the Clydesdale at the present day. If Prince of Wales 673 gave us continent, and for a radical change in the attitude sation, and this, of course, rendered quite impossible rather more of the hard parrow head with rather more of the hard, narrow head, with generally assumed by governmental bodies in deal- the slaughter of non-clinical reactors, even if I had

tion of a policy of testing all contacts with mallein The discovery of mallein in 1890 revolutionised until they either ceased to react, or through repeated entirely the views of veterinarians regarding glanders. reactions, furnished conclusive evidence that they Older veterinarians well remember the formidable were incurable. For a period of slightly over two Action is all-important in the Clydesdale, chain of symptoms, which, in their student days, years this plan was carefully and conscientiously Even his most severe critic will not deny that in were considered essential to a diagnosis of glanders, followed, but as time progressed it became evident differentiating between it and that now somewhat portionate to the risk and labor involved. Not only did the number of horses on our hands keep con-It is now recognized that horses may be, and only stantly increasing, but in many cases individual too frequently are, seriously affected with glanders reactors held among others for future tests develwhile presenting, so far as outward and visible symp- oped clinical symptoms, and thus established fresh toms are concerned, an appearance of perfect health. centers of infection. Such horses not only endan-

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ceased reactors, began to assert themselves. As the work went on evidence gradually accumulated that many of the so-called ceased reactors were not only not permanently cured, but were properly to be looked on with grave suspicion as being likely to introduce glanders among healthy horses with which they might be brought in contact. Several outbreaks of more or less severity and extent can be traced directly to these ceased reactors, and before I conclude, I shall endeavor to demonstrate the advisability of dealing with animals of this class as possible future centers of infection. As the owners of ceased reactors are generally more than willing to dispose of them as soon as possible after their release from official control, the risk of bringing infection to the stables of their unsuspecting purchasers constitutes an added danger which cannot reasonably be ignored.

The conclusion that neither non-clinical reactors nor ceased reactors could, with safety, be considered non-infective, having been thus forced upon me, there remained only two alternatives, either to fol-low the futile and already discredited policy of killing clinical cases and ignoring contact animals, or to face the situation and adopt the only intelligent course; namely, the destruction of all horses showing the typical reaction to mallein whether presenting any external manifestations of glanders or not.

I need scarcely say that this would have been absolutely impracticable without provision for the payment of liberal compensation. The question of compensation for the slaughter of diseased animals has always, and in all countries, been one of great difficulty, and the disinclination of those in authority to assume the financial outlay involved, has been one of the chief obstacles encountered by veterinary sanitarians engaged in dealing with animal plagues.

(Continued page 707.)

Straight Talk to Stallion Owners.

EDITOR FARMER'S ADVOCATE:

I read an item in the April 10th issue of my paper, page 525, upon a subject I have long thought about; namely, the fees for stallion service. stallion owners are not satisfied with what they get for service fees, but what about the owner of the Editor Farmer's Advocate: mare? Take my own case: In 1900 I bred seven mares at a fee of \$9.00 each. That was the year that the stallion owners in my district made an agreement not to insure mares, but to charge for the an advocate of mixed farming a few words on behalf season only, with the result that many farmers bred of the same may not be out of place. to any kind of a horse that would insure foals. Out of my seven mares I got two foals; one lived and one on all sides. Now, is this correct? Wheat may be died. My live foal cost me \$63, rather a dear foal king, but certainly this last winter wheat was not Cows. I should say. Last year I bred twelve mares at \$12 cash, for you could have thousands of bushels, but to insure, \$2 at time of service, and got one mare not a cent from the banks could you get after Christing purposes.

ing out horses that are no good for service, and then other branches of farming. Thus the contention producers. The majortiy of cows used for getting some salesman to pan them off on farmers, that wheat is king is questionable. Now to the other milk production in this state are of Shorthorn Such work should be prohibited on the production in this state are of Shorthorn. farmers were beaten out of.

not be able to get him through his summer's work. land; therefore his mares are able to suckle a foal

SASKATCHEWAN.

Raising Motherless Foal.

It being almost certain that some of your readers a ready sale in the fall and winter at fifty dollars will have a colt to raise by hand this year I give you apiece. I do not find it a good policy to sell heifers, our method. We had one which the mother would but would rather keep them to see how they do. If College Belle 2nd.—Record for ten months, not own, but she was held for the colt to get a little they turn out all right after the second calf, a good 7,554 lbs. of milk, testing 4.3% fat. of her milk for the first week, besides a little milk of a figure is readily obtained. If they come in, in the fresh cow; and it was fed nights the first two weeks. fall or early winter by a little management a farmer of brown sugar every two hours (no water). As the fall, thus saving the feeding of them all winter. He colt got older, it got a quart of milk with a tablespoon also can let his steers have a good straw stack to of sugar, and then three quarts with a handful of sugar. rustle at on fine days and by putting them in at night The colt was fed every two hours all summer—not with a little extra feed of good hay and chop night fat. nights, but the last thing on going to bed-and got a and morning, have them in shape for spring beef, the handful or two of oats as soon as it was old enough, and was kept in a little field handy to the house, and hogs, poultry, and butter, the prices of these for the was put in the stable every night. It never was sick last few years have demonstrated beyond a doubt and has grown to be a fine large colt.

Unfortunately Far Too Common.

inance is all right. It acts as a lien on the colts for the point on mixed farming that I should like to touch: stallion owners expenses. There are too many that is, of growing hay and fodder. The time is past 4.066% fat. mongrels, travelling the country round, and the (at least in most parts) for the supply of native have farmer looks for the \$5 horse. He does not take into to be adequate to the needs of the country. There consideration the kind of colt he is going to get, fore, grow feed, with hay in the spring at from a but will take the cheap horse year after year. That over \$20 a ton. It means a good profit. The is the way I see them doing the horses around here, tion arises what to grow, but by studying the man as and produced some very good male calves, but

STOCK

Pig Raising Made Easy.

"One of the Crowd's" article in the FARMER'S Advocate of April 17th, 1907, prempts me to give my own experience in this connection. During the past season I wintered from 75 to 100 young pigs, about 40 of which were May and June pigs of last year, as well as two older ones. The May and The Disposition of the Placenta (Afterbirth). June sows and the two older ones have all farrowed and have all saved their young except in the instance of one short, extra fat young sow. sows were all fed on oats and barley, which was vicinity of the dam as soon after the birth of These pigs and would feed about ten pigs at once and it would take about one hour until they had sufficient and would make room for others and so on. This machine can be used in sheds or in the open. Mine has been in the open most of the winter and the pigs would work it every day with clockwork regularity. In this machine I think I have found the clue to successful hog raising, for this reason:—The sows have to work ing. Further, the machine prevents any waste, and does away with cost of grinding.

I have applied for patent in Canada and the United States and patents will also be taken out in other countries in due course.

condition of my pigs is proof itself of the benefit.

ANOTHER OF THE CROWD.

The Day of Mixed Farming.

As so much has been said and written in support of wheat growing in this Western country and as

"Wheat is king! Wheat is cash!" is the cry we hear in foal, which she afterwards lost. Then I was out, mas, nor could you sell it or ship it because of the ring when of the pronounced beef type. Despite a stallion and work him as well as use him for breeding purposes.

Despite the first only recognized to have decided to buy blockade (and this is not the first one we have experithe, which has a tendency to foster beef proing purposes.

Service, and got one mare not a cell find the balls of the ring when of the pronounced beef type. Despite a stallion and work him as well as use him for breeding purposes. I think a good deal of the dissatisfaction in the five months without money and none available, horse breeding business arises from importers bring. How was one to live? Why, only by looking to the producers. The majority of cows used for Such work should be prohibited or punished by branches, what have we? Horses, cattle, hogs, blood; and while the advocates of the special imprisonment for three months for every \$100 the poultry, dairying. Horses we find in big demand dairy breeds declare that cows of this breeding Another thing: The stallion men do not get competent, intelligent grooms to handle their horses and breed his mares, while the smaller farmer or one who her sister states in dairy products. about the first thing these fellows do is to overwork engages in mixed farming finds that he can raise three the horse the first day he is on his route. I have or four colts each year and still do the work on his Advocate, the following official records, made known grooms to breed seven mares the first or land, for while he is doing the other work, such as by Shorthorn cows at the Iowa State College,. a foolish course with his work horses they would finds that he has not such a long day to put in on the are submitted: we have a team or two to dispose of each spring at good figures. Even one team shakes the price of a car of wheat pretty badly and does not cost so much to raise. Then again there are the much-abused cows. I find that with good milking cows one finds The second week it gota cup of milk with a teaspoon can have at least a half dozen of these for sale each Adviser. that in the winter a ready market with high prices up the situation are likely to be for at least a few fat years to come owing to the influx of settlers that Re stallions I think the present enrolment ord- is now taking place. And now there is one more issued by the Department of Agriculture and the never produced a daughter equal to herself.

wide variety of opinions found in the FARMER'S ADVOCATE one cannot go far astray. It is only a matter of choice, for it is fully proven that there are several grasses as well as fodder plants that are adapted to this country and can be successfully grown, and in conclusion mixed farming is another solution to the labor problem, for it finds employment for the men all the year round and men can be hired more easily the year round, also cheaper, than they can for a few months in the rush of the season of wheat growing. F. G. WHITING. Sask.

The best stockmen and veterinarians are in favor of the removal of the afterbirth from the dumped whole into a hopper and ground by the the young animal as possible, and recommend power of the pigs as they fed, turning round with its destruction. Occasionally we hear of a their snout a cylinder inside of which were the necess- farmer that disagrees with this procedure, who ary burrs for grinding. The machine in operation advocates leaving the fetal membranes to be disposed of by the animal. The following translation from a noted German scientific periodical (Berliner Tierarytliche Wochenschift) undertakes to explain the scientific reason for what many consider a distinctly bad method.

Dr. Quinet says in this journal: 'It has been said that rabbits and guinea-pigs to get their feed; they thus get necessary exercise, have revolting habits and cannibalistic tendenand are compelled to take their feed slowly instead cies and that they conceal a bad character, perof bolting it, and this is a great help to them in digest-verse instinct, and so on, under this seemingly good nature. 'It is said that the males of the young rabbits fight and pester the little females shortly after they are born; however, these are slight offenses common to all animals which Any one desirous of testing my remarks can see must fight for their existence and try to break one of these machines at work on my farm and the the monotony because they obey their instinct. However, rabbits and guinea-pigs have been charged with killing their offspring and even with eating them. We have long believed, with an appearance of justification, that even in the human family, the wretched and debauched are induced to acts of murder and infanticide, but that is a false interpretation of a natural phe-

> Animals kill their young against their will. (Continued on page 712.)

nomenon which is not peculiar to this species.

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Shorthorns are only recognized in the showfortunate to get it spotted April the 15th, nearly of the breed, a very large percentage of purebred at big prices, and cash at that. The farmer who are undesirable animals in the dairy, the fact

College Huckleberry.—Red and white cow, I could say a lot more about the stallion business, and do the work that is required of them without bred on the college farm. Recorded in Vol. 36, but as my letter is long I will stop with the above being harmful to either by so doing. Thus we find page 57, of the American Shorthorn Herd Book. Tested in 1897, while in her tenth year of age. In eleven months she produced 7,464 lbs. of milk, testing 3.59% fat.

College Lady Recorded Vol. 40, A. S. H. B.,

College Belle 2nd.—Record for ten months, RECORD FOR COLLEGE MOORE FOR FOUR

SEPARATE TESTS. Recorded Vol. 40, page 638. Born Oct. 19,1891: Calved October 21, 1896. From October 21st to Nov. 30th, 1897, 9,136 lbs. milk, 3.79%

Calved February 26, 1898, from February 26th, 1898, to February 28th, 1899, 8,734.5 lbs. milk, 4.027% fat.

Calved October 4th, 1899. From Oct. 4th, and ready cash are always available and in sizing 1899, to Oct. 31, 1900, 9,896 lbs. milk, 4.11%

> Calved Jan. 14th, 1902. From Jan. 14th, 1902, to Oct. 31st, 1902. 8,950.6.lbs. milk,

In the year of her last test, College Moore won second place in the Farmer's Cow competition at the International Live Stock Show. She was a massive, bread-backed, thick fleshed cow,

ne FARMER'S It is only a n that there ants that are successfully ig is another inds employand men can also cheaper, rush of the

WHITING.

Afterbirth).

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he show-Despite eef proqualities purebred ent milk used for horthorn e special breeding the fact among

ARMER'S s, made College,.

Vol. 36, 1 Book. of age. lbs. of

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FOUR

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9,1891: october) 3.79%

bruary . 5 lbs. 4th,

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milk,

Moore tition e was COW, 5, but elf.

It is a well known fact that the milking qual- shire, and the Yorkshire were the best. If he

MAY 8, 1907.

Agr. College, Ames.

The Wail of the Stockraiser.

of pigs either coming dead or dying in a few days. It does not seem to matter how the sows have been fed or cared for; they are all losing more or separated milk. less. Several mares have lost their foals after grower.

DELMAR SMITH.

WAYNE DINSMORE.

In some cases in which losses with pigs have been reported we have looked into the matter personally, and in every case have found either the young pigs were chilled at birth or were too fat and had thumps or else the sows had been penned up all winter, fed too heavily and had many causes have been suggested; such as lack bred to farrow any earlier in the future. prematurely or abort.

A Broad Minded Pig Breeder.

Sanders Spencer, the well known English breeder of Yorkshires, is quoted in the Scottish such was not the case. He said in part that of feed.

"Mill screenings are a bad food for in-pig sows."

"Mill screenings are a bad food for in-pig sows." cut from a young animal, and in no class of stock was it more perceptible than it was in regard to pigs. The pig most in demand was a pig of was in demand was a pig of 200 lbs.to 220 lbs., smaller pig was the more profitable. In Denmark being crippled, but lost four sows all the same. they used mainly the breeds, but had discarded all of them in favor At present have not a great number on hand. of the Large Yorkshire. They could produce pork at a cheaper rate from a young animal than they could from an older one.

Middle White and the Berkshire. For bacon east of Fort Saskatchewan. The price paid for the herd and went in for Jerseys. It was then the Tamworth, the Large Black, the Lincoln-herd was \$100,000.

ities may lie latent in Shorthorn cows, requiring started a farm to-day, he should breed a cross-bred, only proper feed and care to bring them out. as he believed they fattened better and fed better. No one will claim that cows of Shorthorn breed- In crossing two breeds for bacon, he should take ing will equal the special dairy breeds in milk a Large White sow and a colored boar. He had production. They will, however, produce calves bred all kinds of pigs, and had never found pigs that will give a creditable account of them that bred so many and suckled so many as the their own usefulness in the dairy is ended, they a dam, was so good for producing a bacon pig may be fattened and disposed of for a good as the Large Yorkshire. After a pig reached price. For this reason many farmers in such a certain age, it required a certain amount of states as Iowa prefer them to the dairy breeds. food merely to keep it alive. The result of that was that a certain amount of food was wasted. The lesson to learn from that was that young pigs paid best. He did not agree with forcing young pigs. There was a difference between Editor Farmer's Advocate: There seems to be no end to trouble with sows forcing pigs and feeding them well. It was a in this settlement this spring, fully 50 per cent great mistake, which was often made, to give young pigs food which they could not digest. Pigs could not digest an unlimited amount of

The advice to breed cross-breds is something carrying them from eight to ten months, without our agricultural lecturers have not yet had the any apparent cause. At present the outlook temerity to recommend. Albeit when questioned for hogs and horses it is going hard with the stock by farmers they have admitted that such crosses have been very profitable.

How to Prevent Losses in Spring Letters

Oliver King, the well known pig breeder of Wawanesa, writes as tollows:-Re losses of spring litters received, I have lost about 30 pigs up to now caused chiefly by the sows crushing them. From years of lacked exercise. With regard to the mares come before April. I have decided to have no sows which almost invariably cause them to foal the pigs to thrive. Have not found this spring to be any worse than other years as to loss of pigs. ity would boom the particular breed he had, but chopped barley (dry feed), lackof exercise and change

when it was eight weeks old; and the other which Constipation is fatal to the young pigs sooner or later. Do not feed the weaned pigs on chaffy feed; which would dress about 160 lbs., and which was such as chopped oats, screenings or spelts. Re earth floors for pig pens. Have had three A shaped coops

they had, by means of the pig, made butter- I believe that pigs want a change of soil every two first heat and others at their third or fourth. he vards get what I call nig sick Large White pig, which was the native pig of and you will lose youngs ones by scours, thumps, etc. the country. They had mixed these with other to let you know later how my litters of pigs get on.

The Dominion Government has purchased four hundred and fifty buffaloes from the state of Mon-The best pork pigs were, in his opinion, the tana and will place them in Elk Park, twenty miles

Breeders Executives Decide on Brandon.

A meeting of the executives of the Manitoba Live Stock Associations brought the following breeders together at Portage la Prairie a few days ago:-Messrs. Andrew and John Graham, that will give a creditable account of them that bred so many and suckled so many as the selves in the feed-lot and on the block; and when Large White. He knew of no breed which, as their own usefulness in the dairy is ended, they a dam was a creditable account of them that bred so many and suckled so many as the son, Walter James, Jno. G. Barron, Ellison; D. Thompson, Wishart; Hon. Walter Clifford, Jas. Bray, Alex Gamley, English, and Managing Director A. W. Bell. The discussion was quite animated and the voting close, chairman English decding the tie vote in favor of Brandon as the location of the next Winter Fair.

Young Pigs Very Weak.

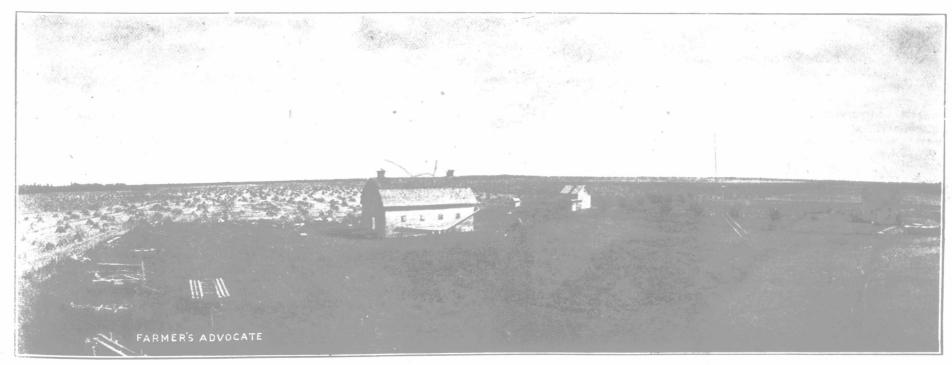
I too, like "One of the Crowd" in the April 17th issue, have had the worst luck this spring I ever experienced with young pigs. Last week three sows farrowed thirty-four pigs and I have just ten alive out of the thirty-four. Several were dead when farrowed, while others were so weak they just died in a few minutes. The sows ran out all winter with a stable to sleep in. The door was open all day and closed at night. I fed barley chop, dry, once a day, as I have fed for years, but the weather was so severe they took very little exercise. Sometimes they hardly stayed out long enough to feed. I am hoping for better success with my May litters.

Beautiful Plains. J. A. McGill.

Determination of Sex.

Many and strange are the theories put forth of exercise, or when exercised being put through raise the young pigs except in a perfectly dry place, to explain the determination of sex in animals, deep snow drifts, or the mares have had influenza and also an earth floor is of importance if you want man among the rest. Many of these conjectures are absurd on the face of them; others seem more or less plausible, but fail when put to the to the cause of the general complaint of mortality among spring pigs would say this: First, breeding to immature stock. Nearly all the old sows were sold last summer because of the high prices. Farmers jump to unwarranted conclusions. The subject are mostly short-sighted enough to sell their best is, nevertheless, a legitimate one for speculation, breeder of Yorkshires, is quoted in the Scottish breeding sows because they would bring \$20 more and we were somewhat interested the other day for pork. Penny wise and pound foolish! to notice the following experience, related by one who calls himself "Spero," writing in the English Live Stock Journal. This man became interested about twenty-six years ago by a paragraph A neighbor has lost all his litters, from six or more in the above journal setting forth the theory of ows, through feeding chopped screenings all winter. an American rancher who claimed to have dis-The sows aborted when two to three months bred, covered that the sex of possible calves changes 'Feed sows chopped oats, bran and a little shorts regularly every time the cow is in season. To 60 lbs. dead weight, which ought to be produced before and after farrowing. Keep the bowel open. test this theory, the English breeder selected nineteen of his pedigree Shorthorn cows, which had already produced cows, for an elaborate trial. The cows were served at the usual time after to be brought about by the time the pig was seven months old. These were the pigs which fetched the months old. These were the pigs which fetched the highest price on the market, and he thought the pig pen 20 x 40 had a hard time to keep the stock from ably in the time between calving and their first heat, it follows that some were served at their The result was startling, for in every case, except possibly one, the theory panned out. The cows which produced bull calves, and were got in calf again at the first, third or fourth period, produced heifer calves, while those bred at the second, fourth and sixth periods dropped calves of the same sex as before.

Some years later he changed the breed of his desirable to secure heifer calves, and the rule was



ON A. J. COLLON'S FARM, SWAN RIVER VALLEY, MAN.

applied with general success. As absolute cer- breeding and almost identical in conformation tainty in selecting the odd or even numbered are far below them in production. In crossing heats was not always possible; occasional dis- the general tendency is to intensify in the first appointments were met with, but this happened cross the predominent characteristics of the rarely, and never when there was not room parents, but in later crosses or grading these for doubt.

other similar experiment with cattle, but men-correspondent mentions we think most men a threshing machine. tions the case of a gentleman who tried it on would resort to the cross. poultry. Selecting a prolific hen, he placed her eggs in two baskets, alternately, as they were laid. One lot hatched all cockerels, the other all pullets. How this theory could be reconciled with the occurence of both males and females in litters, we are not told.

The above theory is simple, and seems at least quite as plausible as most others we have ever heard relative to this interesting subject. If true, it is certainly remarkable that it has not Editor Farmer's Advocate been scientifically and publicly demonstrated long ago, but sometimes simple explanations long Advocate of March 20th about the manure pile and it seems to thrive anywhere on the prairie or elude the attentions of investigators.

Pigs Coming Strong.

EDITOR FARMER'S ADVOCATE:

In answer to "One of the Crowd" re mortality among spring litters referred to in your issue of the 17th inst., I would say the cause to my mind is quite simple enough.

In my opinion no domestic animal is fonder of ease and comfort than the she pig, and if fed machine. I am quite sure that in a short time sufficiently to feel comfortable and has access to a manure spreaders will be used as much as any other good warm stable or straw stack she will simply labor-saving implements about the farm eat and lie down and remain there in a half stupor until feeding time comes around.

plenty of exercise and a sow in farrow will not water wash most of the substance out of it in the may be cut for about four years for hay, and then take it unless compelled to do so. My sows all spring. My plan is to haul it out to a pile in the run out in the winter with access to an open shed field you want to spread it in, and then, after the

I have six sows. From two I have ten in each litter and from a third I have eight, making twenty-eight for three sows. These are now four weeks. The others are due in a short time, and I have not lost a single pig.

I am of opinion there is no better feed for sows work to get them.

exercise, exercise, exercise.

WM. MOFFAT. Man.

The Holstein Ayrshire.

EDITOR FARMER'S ADVOCATE:

intend, however, to raise the general issue, pure versus cross breeds, about which I am entirely of your opinion. My object was to ascertain whether, if I intermingled the blood of the two be likely to raise good milch cows as a result.

The special circumstances of my case are (1) that my Holstein bull is past his prime and I don't want to import a new one this year, the freight charges to this district being very heavy; for young purebred males; (3) I am chiefly conmilking capacity of my home raised milch cows in order to obtain increased returns from buttermaking and am not going in strongly for the

Yours truly, Wood's Lake, B. C. M. P. WILLIAMS.

No one can speak with authority upon this subject, at it has not been tried to a conclusion, one that was a continued "round of pleasure." milkers are almost even, with probably some advantage in the first cross. With milking cows it is not so much a question of breed, nor even of strict adherence to ideal conformation that marks a cow as a profitable producer, but rather to the extent to which she produces the inherent to the extent to t but the chances of producing heavier or lighter furnished the stook teams, hired from the farmers cows are imbued with the power to produce just one 10 x 14 with 12 or 15 men, and perhap. as some horses are possessed with ability to strike company. It makes him feel so refreshed an a high rate of speed, while others of the same ious to "get to work" in the morning.

FARM

Manure Spreader a Great Labor Saver

and profitable implements around the farm.

Threshers, Read This.

EDITOR FARMER'S ADVOCATE:

taken much interest in noting what some have to say as to the threshing problem. I have spent some my own rig, two for a syndicate, one for an individual The horticulturist says the secret for growing owner and the rest employed as engineer. My trees is cultivate, cultivate, cultivate. I think the idea of the most satisfactory way (for all goncerned) secret for raising young stock, especially pigs, is to thresh in a neighborhood where each farmer has from ten to two or three hundred acres, is for the neighborhood to hire some good lively fellow with a good rig, that understands running it, and let him just furnish enough men to operate his machines and tank team and man. Let the farmers do all the other work by changing with one another They will take more interest in each other's work EDITOR FARMER'S ADVOCATE: Thank you for your interesting reply (appear- and there can be more and better work done. Work ing in your issue of the 3rd inst.) to my query re in the house will be more pleasant, as the women will crossing Holsteins and Ayrshires. I did not change about the same as the men. You just have our neighbors with you and they are there just for dinner and supper and stook teams just for dinner. engine and a thirty-two Belle City separator If there comes a rain everybody goes home (except with blower. Now although he may have bought machine men) until ready to run again. Pay the that engine for a fifteen horse power, that same owner of the rig about 3c. for oats and 4c for wheat. engine may have developed over twenty horse breeds (I have a purebred herd of each) I should Give him a good bed to sleep in and he will make power on the brake. The International people more clear money than at 10c furnishing the whole outfit and the farmer will be far ahead. That great long train of stook teams, caboose, cook car and all the gang picked-up strangers, is one of the worst things that can pull into a man's yard. Quite often they have no respect for property of any kind and (2) in this district the general public will give their main object seems to be to feed their horses engines a forty per cent. margin, so that it would very little more for purebred than for grade well, put in their time and draw their pay, and by not be advisable for anyone to risk buying a milch cows where the individual milking capacity the time they have stayed with you two or three fifteen horse power engine to run a thirty-two days you will have to have a general clean up, and should it happen to rain the farmer does well if the cerned at present in increasing the number and grain he has left in the bin costs him less than twelve or fourteen cents per bushel.

Those big farmers are I think in a class by themselves and should own their own rig, and as you can buy any size you want, they can get them to suit. From reasons for doing so. I ran an outfit one season at any rate. for an individual owner that I must say was the only

Threshing grain is the most important work to be done on the farm as well as the dirtiest, and there is too prevalent an idea that the man who will try to make a living at it is a little below the average. can be easily paid too much and is too dirty to be allowed in the house. Now in conclusion I would characteristics usually conform more to an like to ask someone who can to send to the Advocate The correspondent does not remember of any average. Under the circumstances which our a list of men that have retired on the profits of running

Strassburg, Sask. IOWA HOMESTEADER.

Thinks Summer-fallowing Exhausts Fertility.

Editor Farmer's Advocate:

I have had no experience with grasses. except brome grass, which I find suitable for this part of the country. If sown thinly say ten to twelve pounds per acre it can be cut for hay for about four years and then either plowed under or fenced for pasture. I might add that it should I have read the letter by 'Hans' in the FARMER's be sown at some distance from the buildings, as manure spreading and have heard many people say wherever the seed can be covered; for instance, that the manure spreader did not pay. I think that on any loose soil around the buildings or garden the manure spreader is one of the most labor-saving it has given me some trouble, but if cut before Although I do not own one yet, my next neighbor ripe I think there should be no danger in this has one, which I rent for \$1.00 per day. I find respect. I am of the opinion that if sown on that, not only is the manure spreader an economy, old land that needs cleaning, and sown in a drill as a man with a spreader can do as much as three with either oats or barley to be cut for green men would do spreading it in the old way, but it feed, it will clean the land and can be cut for hay spreads the manure evenly, and in a way that will the second year after sowing. I have sown it in bring larger returns, which will soon pay for the this way and found it satisfactory. It will need two plowings and the cultivating with a disc harrow and drag harrow constantly.

In regard to the manure pile, I think that a great many farmers lose a great deal by not handling the wheat on summer-fallow, then sown to wheat manure properly. I am not in favor of spreading it again the second year, and the third year sown to Re rotation, I consider that after a crop of Everyone knows that breeding animals require direct from the stable to the field in winter, letting oats, and then sown down to brome grass, which fallow again, is the best. I am strongly of the opinion that summer-fallowing every third year and straw stack; are fed twice daily about half a gallon of oats per sow thrown in the yard amongst short straw and manure, and for drink they must go to the water trough or lick snow if they prefer.

I have six sows From two I have ten in each and straw stack; are fed twice daily about half a hay is off, or before seeding to barley, you can spread it in, and then, after the hay is off, or before seeding to barley, you will soon exhaust the soil and the time is soon coming when we shall be compelled to sow down to grass as I have outlined. I can hardly write from experience, but the above is my firm confrom experience, but the above is my firm con-

Two years ago I had a heavy crop of wheat on summer-fallow. Last season I burnt the stubble Being a reader of your valuable paper I have and plowed directly after and had a light crop. say eighteen bushels to the acre, while on summerfallow again last year I had a trifle over fifty in farrow than whole oats thrown where they must fifteen seasons at the business. Six of these operating bushels to the acre, so that this year I expect a much lighter crop. I have ever found it so. My rule is to take two crops of wheat off after fallowing and then a crop of oats and fallow again, but I am sure this exhausts the soil.

Rosthern, Sask. SEAGER WHEELER.

The Rated Power of an Engine not Actual

In your issue of March 27th, "Reader" gives his experience with a gasoline threshing rig of a fifteen horse power I. H. C. claim that their engines must develop forty per cent. in excess of the rated power before they leave the factory; so that in reality, it must be at least a twenty horse power engine.

Now all the manufacturers do not allow their separator without first making sure it had a forty per cent. margin.

I believe from my own experience, that for the smallest size of separators with attachments (up to twenty-eight inches) it will require a twenty brake horse power engine at least to business of raising purebreds for which the market what I have seen of syndicates, it is my opinion that handle them under all conditions. It does not the greatest number of men that can satisfactorily matter if they are called fifteen horse power, only run a threshing rig is just one. There is such a mania make sure they have the forty or fifty per cenfor all wanting to thresh first and each has his good margin. You have to pay for twenty horse power

GEO. G. AXFORD.

the tien to tuberculosis, and in con-the though has worked out many formentation. Dr. Russell et, hi matalalate being March 12, 1866.

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XFORD.

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A correspondent, A. W. Price, Manitoba. success and failures of farmers' or municipally owned elevators in Manitoba, as it would throw considerable light upon a question which the grain growers' association of our municipality will bring forward at their next meeting to be held in June."

Publicly Owned Elevators

asked this question, and intend to discuss it thoroughly before deciding definitely upon it. for one of the chief reasons why farmers' elevators have failed in certain localities is because sidered before building. The history of farmers' reasons, especially that it shows that because some of them were failures it does not follow have ceased to be made. that the principle is wrong. In Manitoba, the have been in a constant state of change and it was only natural that the farmers' elevators which has given market facilities to districts outlying and resulted in the withdrawing of 25 company. One of the elevator capacity from service. elevators; local mills have become more numerous elevator company. As elevator manager he will take be \$6,500.00. and have taken in considerable wheat; and the in special-bin grain for farmers, but he will try

The legs an before deciding whether or not they will build, farmers' elevators as a company special-bin wheat angles of hopper bins and the floors of wooden and not to say, because a farmers' elevator was making the ordinary charges and also purchase all spouts should be ironed. will not build.

Farmers should also consider whether or not, amount of available storage that our initial the past few seasons.

We are not aware that there are any sta- weights by the rival elevators. tistics available that would indicate what pera given locality, there should be made for the tages of farmers' elevators with a number of additional binding of each shareholder to market his wheat ones. through the elevator, or to contribute a certain be found in the fact that official weights and grades amount per bushel of his saleable grain to a could be obtained as soon as the grain was stored by maintenance fund of the elevator. The great the farmer, enabling him to secure an advance of trouble in the past has been that just when farmers' elevators have been completed and all the expense incurred the other factors on the all the expense incurred the price to such local market have enhanced the price to such an extent that the farmers' elevator is abandoned ket conditions were such as to warrant sale. In the by its owners.

tistics available that would indicate what per- a fair valuation and supplementing the present storcentage of the amount of grain marketed in a age with sufficient additional storage to meet requiregiven locality, there should be elevator capac-ity for. But the amount of grain an elevator entitled to duplicate storage at that point, a threat should handle at 12 cents per bushel in order to do which would undoubtedly induce the present to make a profit and pay off indebtedness can owners to sell to the Government. The Grain Groweasily be figured up.

holder to market his wheat through the elevator, or to contribute a certain amount per bushel of Governments in favor of the project. This literature to and property adjusted, the cost of gasoline will be from one-sixth to one-fifth of a cent per bushel. Very careful management will be necessary to keep the his valuable grain to a maintenance fund of will contain detailed arguments in support of the

A. Partridge, of the Grain Growers' Grain Co., successfully employed for their extinction. and by Mr. F. J. Collyer, a member of a company of farmers who have been operating farmers' elevator at Welwyn, Sask.

HOW FARMER'S ELEVATORS ARE OPPOSED

EDITOR FARMERS' ADVOCATE:

proved unsuccessful as such and have been either holders themselves grow sufficient grain to main-

sold to the line companies or leased to grain men. The main difficulty encountered by farmers writes: "Would you kindly inform me as to the elevators appears to be that the large elevator interests have in many cases reduced the storage charges five will be ample) should be secured and shares of at points where they are operating in opposition to not less than \$50.00 should be issued and the company farmers' elevators, from 13c, which is a regular organized under the Joint Stock Companies' Act of charge, to in some cases 1c per bushel. They the province in which the elevator is to be built, and charge, to in some cases 1c per bushel. have also placed street prices much nearer the track prices than at points where there are no farmers' levators. The reason for this appears to be a desire We are glad the people of this municipality have to discourage the erection of farmers' elevators by making an object lesson of failure of those already built. Indirect taxation has always been more popular than direct taxation because the payment tractor has been settled with. scapes observation. So direct profit has always been more earnestly sought after than indirect profit. all the conditions surrounding the grain trade If, therefore, the grain interests can prevent the and transportation service was not duly con-and transportation service was not duly con-making of direct profits by the farmers' elevator sidered before building. The history of farmers' compnaies, the indirect profits, though very large, will have to be raised on a chattel mortgage, and loan comelevators in Manitoba is valuable for many not be sufficiently appreciated by the thrifty farmer panies do not usually touch that kind of security. to secure his continual support after direct profits

per cent. of the elevator capacity from service. make an arrangement with a grain man whereby Another change has been in the facilities accorded each pay a certain portion of the manager's salary a 12 H.P. gasoline engine, dump hopper, Evans a success here, or a failure there, we will, or street wheat offered, which they sell to the regular

they are likely to have a better freight service, as a regulator of weights, dockage, grades, and preat many points has indicated that the building of a farmers' elevator has resulted in the closing up of shipping point would require. Elevators may the spread between street and track price, and the them for the privilege. not always be so badly needed as they have been lessening of the dockage taken by the elevators

The establishment of a system of Government centage of the amount of grain marketed in elevators at initial points would give all the advan-

The advantages of a Government system would transportation facilities were provided or until marintroduction of this system the Government would We are not aware that there are any sta- offer to take over the present storage facilities, paying Governments in favor of the project. This literature cost of labor down to four-fifths of a cent per bushel. farmers' elevator is abandoned by its owners.
This question is also discussed here by Mr. E.

would improve conditions at the point where built, doors open, and in view of this condition of affairs
The greater number of them built, the greater the it is most advisable to have all or nearly all of the This question is also discussed here by Mr. E. safeguard against cut-throat competition being cost subscribed before commencing to build. E. A. PARTRIDGE.

FARMER'S ELEVATORS

EDITOR FARMER'S ADVOCATE:

Although the right to load cars over the loading twenty-one seconds. platform has been secured by the farmers of the Your correspondent wishes for an opinion as to the country, yet the elevator (when properly conducted),

tain them-say 100,000 bushels-the tarmers should build an elevator for themselves.

A strong directorate (in quality not quantity, as the province in which the elevator is to be built, and it is advisable to employ a lawyer for this purpose. It will also be as well that he should approve the contract with the party erecting the building (if that method of construction be employed) as cases have been known in which claims have been made under the Mechanics' Lien and other acts after the con-

Owing to the fact that the railway companies will not sell sites for elevators—a yearly lease only being granted, the usual rent being \$10.00—any money other than that subscribed by the shareholders will

A dry site for the building should be secured if ossible and special attention should be given to The more successful farmers' elevators as a rule the foundation and pit. The former should be of regulations and conditions surrounding the trade are those which have contented themselves with stone the full size of the bins, planked or timbered performing the work of storage. The common over and the joists laid directly on the timbers; method of operating them is this: The elevator and the latter should be of ample size to or 12 ft. company special-bins their patrons' grain at a charge square) and water-tight. Stone laid in cement or should suffer in some cases. One of the changes of 12 cents with insurance or 12 cents when cement concrete will generally be less expensive most direct in its effects is that of the extension the farmer decides to carry his own risk. Wheat is and more roomy than the steel pans frequently of railway lines. Many towns have experienced shipped direct from wagon to car, previously spotted put in. The cost will be governed by the size and equipart for of fully 50 per cent. In the grain at the elevator for one cent per bushel. Then a ment. For ordinary purposes 30,000 bushels non inal marketed in them, by the advent of a new line few thousand bushels space is allotted to a buyer who capacity, sub-divided into fourteen or fifteen bins,

farmers of loading over platforms. This has on the understanding that he will represent both the dump and scales will be necessary, and at present removed a large proportion of the demand for interests of the grain man and the interests of the prices of lumber and labor the cost will probably

The legs and gangway should be so arranged that railways have put in many miles of sidings, which tend to distribute marketing points more which tend to distribute marketing points more allotted to him a certain amount of cross-in the also has tion. A ladder attached to one of the legs is just as allotted to him a certain amount of space in the eleva- convenient as a stairway and will occupy less valuable over the producing area. It is for farmers, tor for storing the street wheat which he purchases space. Care should be taken to have wide belving, to consider all these influences for himself or the firm which he represents. Other positive dial connections and the bottoms and

The elevator can be operated as a strictly shipping The chief benefit of the farmer's elevator has been for patrons desiring to ship direct and either buy on its own account or allow a grain firm a certain amount as this should have considerable to do with the at many points has indicated that the heilding of space—say 5,000 bus.—who will appoint a street buyer; or they can allow their manager to buy for the grain firm, the elevator company being paid by

at that point and the giving of better grades and that a thoroughly reliable man be secured, who will In this latter event it is more than ever essential retain the farmers' confidence, and it must be borne in mind that he must be the appointee and servant of the elevator company and not of the grain buying concern.

> The usual charge to grain buyers, who carry their own insurance is 11 cents per bushel and no additional storage, the undertaking being that grain is

Under average conditions an elevator cannot be run for less than these figures and if the amount handled is less than 70,000 bushels any profit that may be made will be from the proceeds of the dockage, which is permitted under the Grain Act and is absolutely necessary for the businesslike operation of given locality, there should be elevator capacshrinkage for which the company is responsible to the extent of delivering at th terminal the net weight of the grain as shown on the tickets issued.

The cost of operation will vary with the amount ers' Associations of Manitoba and Saskatchewan of business done, but if the shipping bins are judici-In going into such a proposition provision have pronounced in favor of the Government system ously used and the engine shut off when not in use should be made for the binding of each share- of elevators and will no doubt send out literature to and properly adjusted, the cost of gasoline will be

As competition from the line elevators will be very the elevator. The great trouble in the past has been that just when farmers' elevators have might be built and in case the Government took one half-cent per bushel, it should be impressed upon been completed and all the expense incurred over the system, the cost of building would be the shareholders that they will have to stand by the other factors on the local market have returned to the farmer, while if the Government their company (ither by giving them their business enhanced the price to such an extent that the did not inaugurate the system the farmers' elevators or by paying into its treasury sufficent to keep its

F. J. COLLYER.

An Ontario Indian named Thomas Longboat won the Boston Marathon road race, covering the twentyfive mile course in two hours, twenty-four minutes

Farmers who have had experience in cultivating success or failures of farmers' or municipally owned with its efficent cleaning machinery, facilities for growing crops are invited to contribute their views elevators. I have before me a list of fifty-two the loading of cars when placed and capacity for upon the subject. Already several well known farmers and municipal elevator companies. Only storage during times of car shortage, is a necessity authorities and contributors to our columns have farmers and municipal elevator companies. Only storage dating the two are municipality elevators, while several are for the transaction of the business of the country.

The transaction of the business of the country expressed their opinions upon cultivation of wheat to trading companies as well as elevator companies.

Where fair treatment from houses already existing kill weeds and conserve moisture, and from all accounts Quite a number of these farmers' elevators have cannot be secured and where the prospective shares the practice should have more general acceptance.

Flax Seeding Experiments

The Ontario Experimental Station has been Editor Farmer's Advocate: conducting some tests with flax seed to determine what amount is best to sow to the acre and submits the following report upon the work:

"In 1905, and again in 1906, each of four varieties of flax seed were sown at the rate of onequarter, one-half and three-quarters of a bushel and also at the rate of two, three and four bushels per acre, making in all twenty-four plots in the experiment each year. Averaging the results of the four varieties sown with each of the quantities of seed per acre here indicated, we find that the yields of flax per acre, after the seed used was subtracted from the crop, produced as follows:

															-			
A	mount o	of	-	S	e	ec	1	S	0	V	71	1	p	е	r		Average yie	
acre										(2 years)								
																	Tons straw	Bus. seed
I	peck																1.4	15.9
2	pecks .							×	·							Ţ	I.9	18.8
3	pecks .		٠							,							2.2	19.0
2	bushels										٠			٠	*		2.7	19.2
	bushels																	16.9
4	bushels		٠	٠					٠	٠				×			2.7	13.1

"It will therefore be seen that the greatest yield of flax seed, less the amount of seed used, was obtained by sowing two bushels of seed per acre.

thinner seeding is desirable that when the crop is intended for the production of fibre; therefore, when this experiment was commenced it was expected that the first three seedings enumerated applied in winter, we find it easy to prepare a first, which disappears as the cow becomes accustomed to the diet. Hence, whatever change made in the above table would indicate the best deep, mellow seed-bed, containing abundance of food, should be made gradually. At the College quantity of seed to be sown per acre for the moisture, and a large amount of available plant without detriment to the milk but they began with production of seed, and that the last three seedings would give similar information regarding the sowing of flax for fibre production. Up to are very favorable to the growth of plants, should be kept just right, that there may be no the present time, however, the results of the Seeds germinate more quickly, and the plants, tendency to indigestion. experiment show that two bushels of seed per owing to their growth, can endure drouth better. acre will give a larger yield of seed than any of the thinner sowings. When flax is sown quite thickly the stems grow slender and upright and do not branch, with the result that a much saved and applied to the land and as the liquid day. In the wild cow the milk after a time becomes longer and better quality of fibre is produced than contains the most important ingredient; such as bitter, and the calf weans itself. By domestication when thinner sowing is resorted to.

It is rather unfortunate that the experiment does not include seedings with four pecks and a bushel or a bushel and a half would give as good should all be saved as far as possible, and right down in great quantities of milk after her next calving. yields as two bushels. On new breaking seeding here winter manuring very strongly recommends of flavor, and, mixed with milk from the herd, depresses would have to be thicker than that followed in the experiments, for the reason that the seed bed is seldom in such good condition as on old land and much of the seed would not be covered.

Harrowing Crops Has Proved Beneficial.

EDITOR FARMER'S ADVOCATE:

From experiments on the Experimental Farm here, covering several seasons, I am firmly perin the season has a very beneficial effect if conducted properly. The principal danger is from other trash. Should this occur, the young wheat plants will be torn out by the roots, leaving a vacant spot in the field throughout the summer. I do not think it is possible to satisfactorily harrow land filled with stubble, unless harrows are used with teeth sloping to the rear. The late Brandon district, was very successful in harrow- of putting it in piles. It is true that green manure ing his wheat with a Hallock weeder, even when contains a large portion of unavailable plant food. there was considerable trash on the ground.

when the grain first appeared, become quite free contain sufficient available plant-food for the is not fully understood. The volatile oils of the food of weeds from a thorough treatment with this present requirements of the crop, while the give flavor to the milk. When it is aerated part of machine. No farmer, however, who is unwilling remainder will gradually ferment in the soil and this flavor is lost, but enough is gained to make up to take pains and do the work properly, should become available for the succeeding crops. attempt harrowing the growing grain. It must also be remembered that the harrowing is only eminent authority, Prof. R. Warrington, deduces cloth, and it was thoroughly permeated with the odor; beneficial when the weed plants are so small that the following conclusion: "The original voidings after aerating eight minutes, no smell could be they are almost invisible to the naked eye. In of the animals have a far greater manurial value detected. Milk should be passed over the cooler they are almost invalid to the final product of a manure heap, which to get rid more quickly of the animal heat that causes

ing grain there should be no loose trash on the going on. This loss is falling on the most valuground; the work should be done on the first able constituent of the manure, and resulting appearance of the weeds and when the soil is finally in a residue of comparatively inert matter. dry. Less wheat plants are destroyed if the So we conclude, so far as economy of plant food is work is done lengthwise of the drilling. It is concerned, actual practice proves and science seldom of any benefit to harrow the growing grain backs up the advisability of hauling manure as unless it is weedy.

Brandon, Man.

S. A. Bedford.

Applying Farmyard Manure

It still remains a very practical question for the farmer to decide, whether the farmyard manure should be applied to the fields in winter while in the green state, the fields thus deriving From a paper by Gilbert M. Gowell, Professor of the full benefit of the manure, or whether it should be applied in the summer or fall months after it has remained in the yard, subject to an of milk—water, fat, casein, albumen, sugar and ash—extensive loss by heating which all manure casein is the most troublesome to preserve. It is undergoes in the heap, and the direct loss by easily affected by acids or by rennet, a little of the leaking which has drained from the yard. Our changes in taste if the milk is heated to 155 degrees; manure is applied to the land throughout the hence pasteurizing gives a flavor to which people stabling season just as it is made. We have practiced this system of handling for a number of sour, a condition that is healthy, and vastly different years, and for many reasons we would not adopt from putretaction. ad a different system. By the application of farmyard manure we are in one way able to build up depleted of by the primative methods of cultiva- cow, which stamps her product as peculiarly her drain by the crops we are growing at present. By the flavor of the milk, she is doing more profitable applying while green throughout the stabling work when these conditions are normal. season, I claim we offset many detrimental effects that would surely follow were it allowed to quality of the milk. There is no food product which 'It is generally understood that when seed accumulate in a pile, and often we find this pile gives such a delicate flavor as corn meal, yet, if the production is the only object in view, a much under the eaves of a large barn—which is so much the food, it will cause a disturbance. So, when the

When manure is placed in a heap, let it be ever so small, there is constant fermentation going nitrogen in the form of ammonia.

Another advantage that should appeal to every farmer is the great saving of time, and consequently the great saving of labor; and, also, that in the butter, and even in cheese. The udder should this work can be done better in winter, when we be washed before milking, and it is a good plan to suaded that the harrowing of weedy grain early are not so rushed as in seed time: and a greater keep the under side of the cow clipped. area can be covered, and covered more evenly, than it could be with the same manure after it has upon this subject. The utmost care is exercised ducted properly. The principal danger is from remained in the farmyard all summer. By upon this subject. The utmost care is exercised the harrows becoming choked with stubble and forking the manure directly into the spreader in the preparation of bread, which is cooked before forking the manure directly into the spreader being eaten; at the same time, the milk served with when snow is not too deep—and on the sleigh it, in a raw state, has been most carelessly handled. when it is, one handling is saved, and the manure were all, it would be worth something.

soon as practicable.

DAIRY

Milk From Cow to Consumer

Animal Industry at the University of Maine.

Of the elements which enter into the composition latter added causing it to coagulate. Albumen object. The tendency of sugar is to change to lactic acid by the action of bacteria, causing the milk to

The sources of flavor in milk are from the food eaten, water drank, air breathed, change of food, indigestion, time of lactation and individualism. the store of fertility that our farms have been While there is an individualism in the work of the tion of the pioneer, and to supply the constant as regards food, water and air, which for a time change own, and she will overcome objectionable conditions

If the food of a cow is suddenly changed, even if it cow is turned on the aftermath, the liberal quantity On the soil upon which the manure has been of clover gives an objectionable taste to the milk at first, which disappears as the cow becomes accustomed without detriment to the milk, but they began with food in soluble form. Such conditions as these a quart and worked up. The bowels of the cow

Some cows have the peculiarity of making good milk all the time of lactation; others, in six or eight By applying manure while in the green state, months, will give that which is unfit for use. Cases a larger percentage of the liquid excrement is have been known where the milk became unfit for broken down animal tissue, slight traces of phos- the milking period has been prolonged and this period phoric acid and more nitrogen and potash than of change has been delayed. Stop milking ten or twelve weeks before calving time and the cow will six pecks, as the results seem to indicate that the solid excrement, it is very important that it store up surplus flesh and energy, which she will give the quality of the whole. The cow, then, must have the purest air and water, and the cleanest food.

> The flavor is affected, also, by odors absorbed, by on, and this is always accompanied by a loss of milkers and milking utensils. Not only is the milk contaminated by odors in the air, but it may be affected before being drawn by strong, rank odors in the dirty milker touches a delicate point, but so much

Everyone ought to know how to wash utensils for is always out of the way, and if this advantage handling milk. First use tepid water, then wash thoroughly in water with a little sal soda dissolved When applying it in winter I would strongly in it, and finish by thoroughly scalding with boiling Henry Nicoll, one of our best farmers in the advise spreading the manure on the snow instead water. At the College the utensils are steamed for fifteen minutes in a galvanized tank. Nothing will take the place of thorough washing; this must come first always. Straining is essential under existing but if it has been properly cared for, and contains conditions, but Prof. Gowell is hoping that the time I have noticed fields that were very weedy all the liquid excrement of the animals, it will will come when it will not be. The value of aerating for it, since air pumped in drives out obnoxious gases. As a result of investigation up to date, the horse dressing for 24 hours, covered only by a cheesethis stage they are generally red in color, and pull than the unat product of a manufe near, which out readily, with a single scratch of the harrow. The farmer carries to his fields. In the whole acidity. Wilk can be dropped at once to 40 degrees. The value of aerating and cooling cannot be over-

> In making butter, pasteurizing the cream gives product with no flavor, and this is especially desirble where cream is received from different sources. By planting in this neutral cream a flavor made from kactic acid, prepared by holding sweet milk, either whole or skimmed, at a temperature of 70 or 80 degrees for 24 hours, a butter of superior merit is

Professor of of Maine.

composition gar and ash eserve. It is little of the e. Albumen 155 degrees; which people inge to lactic the milk to stly different

om the food nge of food, dividualism. work of the eculiarly her e conditions time change re profitable

ed, even if it ere with the oduct which , yet, if the npathy with o, when the ral quantity the milk at accustomed nade in the the College ips at once began with of the cow may be no

aking good six or eight use. Cases ne unfit for of butter a ne becomes mestication this period ting ten or ne cow will e will give ext calving. in delicacy d,depresses then, must

anest food. osorbed, by is the milk nk odors in once dist is noticed der should od plan to The idea of ut so much not be said exercised ked before erved with v handled. utensils for

then wash ith boiling teamed for othing will must come er existing t the time of the food ed part of o make up ious gases. er a pile of a cheesen the odor; could be the cooler hat causes 40 degrees. t be over-

eam gives ally desirilk, either 70 or 80 r merit is

Mould on Butter.

any information re mould or mildew in butter. I made the butter fourteen days ago and to-day on undoing one of the pound blocks from its wrapper I found it spotted with green about the size of a large pin head. The churn was scalded and not new, it being purchased at a sale). I fancy excessive amount of buttermilk. Mottled butter get into the habit of hunting over about the same treatise on mould in butter, but I cannot say for certain. I should be glad of any information you can give me.-F. W.

attributed to various causes. It is produced milk well washed out; (2) to have the salt thoroughly this is not noticed till one tries raising some of the by the development of a number of different dissolved; and (3) to have the brine properly disvarieties of moulds. The trouble appears most tributed. frequently in packed butter on the outside of the that if the proteids are thoroughly washed from the third that the proteids are the pro penetrates into the butter. In some cases the unevenly the salt is distributed. Complete removal mould is due to the growth of the ordinary bread of the butternilk by washing is one of the essentials mould (penicillium glaucum); in other cases a in order to prevent mottles in butter. black mould developes, due to cladosporium butyri.

associated with the use of parchment paper. In the mottles result from undissolved salt. Whenever fact a large number of buttermakers attribute there is undissolved granular salt present, the moisture EDITOR FARMER'S ADVOCATE:

Poor parchment will certainly encourage the no matter how much gritty salt is present. growth of mould more than good, vegetable parchment, nevertheless. We find distinct cases of the brine. If a little salt is added to the butter and money in geese. Then again, you can provide of mould on pure parchment paper. In a great dissolved without working the butter sufficiently, yourself with a good Christmas and New Year's many cases I believe it is due to the lack of a the salt will go into solution in certain portions of proper place to keep the parchment and boxes. the water. This water containing the greatest They are left in some damp place where they amount of salt will produce a high color in certain become infected with the spores; and although portions of the butter, while the portion containing it will not show on the dry parchment before it is used, when it is placed on the butter the conditions are favorable for its growth; such as mois- the mottles can be entirely eradicated by working first prize pair of goslings at Killarney last year ture, temperature, and then the mould appears the butter. Though some of the moisture is lost were only fed three days after being hatched on in small, blue spots.

ant that all buttermakers should know by what market in a badly mottled condition. The mottles means they can entirely prevent its growth on should, however, be prevented rather than cured. parchments or on the butter itself. Mould comes only from spores, which serve the purpose of seed of fruit for its reproduction. If we destroy the spores, mould cannot begin to grow. The conditions favorable for its growth are a certain degree of moisture and a moderate temperature.

Formalin is the most effective remedy known to destroy those spores. A good course for the buttermaker to follow is to prepare a strong All Poultrymen Do Not Play the Game Fairly. brine of salt and add three ounces of formalin to one gallon of brine. The butter paper should be soaked in his solution for at least twentyfour hours before using; and while still wet with people purchasing from him. The buyers thought, own roosting place and when you let them out in the brine and solution, line the boxes or tubs. were in some cases given to understand, that the morning they will herd by themselves. This If print butter is to be made and held for any they were getting eggs or chickens from a certain is practically the only way to get good fertile ength of time I would treat the wrappers in the same way. The br n lution can be used for or pullet also a high scorer and winner, but the gander is very savage as a rule in the hatching a considerable length of time by adding some birds have since proved that their ancestry was season. more formalin occasionally.

for a number of years in the Government cream- it is an open secret that this method of duping fight? Well if you did that answers that query. eries of Sackatchewan, and has always been unsuspecting buyers, by substituting inferior I have seen a gander fly at a large Tamworth hog found effective.

L. A. GIBSON, Dairy Instructor, M. A. C.

When the Salt is Too Much in Evidence.

"Gritty Butter" is a familiar phrase used by expert butter-scorers to indicate that part of the salt is present in an undissolved condition. To most consumers this condition of the salt in butter is objectionable. When properly incorporated, salt water from being saturated with salt during the its location frequently. comparatively short time allowed for salt to dis-The portion that contains the excess of salt does not

organism (dappled butter). These causes of mottled butter are not very common in factories where the

manufacture of butter is properly carried on. washed prior to making (although the churn is improper incorporation of salt and the presence of an coop stands always in the same place the chicks I have seen in some pamphlet issued by you a caused in this way is common. It would be of much commercial importance if it were possible to prevent with them the case is bettered somewhat, but she its occurrence. In case all the water had been saturated with salt, and there still is undissolved salt left, then the granular or undissolved salt will cause no mottles. The most important thing to observe The growth of mould on butter has been in order to prevent mottles is: (1) to have the butter-

The mottles caused by improper incorporation of salt assume two different forms; viz., mottles proper, Ouite frequently trouble of this character is and wavy butter. As has been mentioned before, it to the inferior quality of the parchment paper is attracted and the color deepened at that particular place. In case the water has already been

water with less salt will have a higher color, thus causing streaks in the butter.

As mould is a tiny plant of fungus, it is import- to rework the butter rather than to place it on the This can be done by sufficient working while the butter is in proper condition, and at the proper time.

en made up of a cock scoring over go and a hen inferior to what the purchaser was led to believe. make the statement, no such complaints have cifully with his wings. been made regarding any of our advertisers. business of the enterprising(!) poultryman.

New Ground for Chicks.

butter. The maximum amount of salt that butter are placed in their winter quarters, always upon the better they are as breeders. will dissolve depends upon the amount of moisture the same limited piece of ground. Others put Some pluck the ganders alive in the moulting present. The maximum amount of moisture permissible in butter, as limited by law, is 16 per cent. The maximum amount of moisture permissible in butter, as limited by law, is 16 per cent. The condition of the water in butter prevents the in a coop not too large to move and change can provide a feather bed in this way very nicely,

enough moisture to dissolve the salt; while if given to their care than can usually be given on line her nest with. minutes. But the greatest advantage in the a few roots, small potatoes, etc., along with a

Mottled butter is butter which is uneven in color, movable coop is due to the fact that a chick's A reader in Manitoba says: "Can you give This unevenness in color may be due to several growth depends largely on the amount of animal different causes. It may be due to specks of curd food it can find—bugs, worms, etc. All the grain (speckled butter), and it may be due to certain it can eat will not make a chick do its best without animal food. Anyone who has watched chicks has noticed that they are creatures of habit in a The most common fault of mottled butter is the more restricted way than most animals. If the beat every day. If the hen is allowed to run also develops her regular scratching places. If the coop is moved about from time to time they hunt over new ground and the bugs and worms are more numerous. The importance of chicks without putting them upon new ground and another part by changing them about. If Recent work by Drs. Van Slyke and Hart show the chicks raised entirely on the same ground are well cared for they may do well, but they will not grow so rapidly nor become so large as those which are constantly given new ground to run

Crossfield, Alta. W. I. THOMAS.

Geese—A Good Side Line for the Farmer.

I wonder how many farmers realize how well saturated with salt, there is no danger of mottles, geese and hogs go together? Buy a pair or trio o matter how much gritty salt is present. Of geese and run them in the hog pasture and see Wavy butter is caused by an uneven distribution if it isn't a good combination. There is lots of dinner at little or no cost, besides giving your wife a source or pleasure and profit. For geese are one of the most profitable of domestic fowl and are very easy to raise, even easier than ducks. We never lost more than one gosling through In case butter has become mottled on standing, hatching weak and only two by accident. Our during this reworking process, it is usually advisable rolled oats, then turned loose with the gander and let run in the hog pasture. Frequently we hatch our earlier goslings under hens; then we take them from the hen and put them in a box and cover with a cloth or piece of warm flannel. You would be surprised how easy they are to raise and they soon become very tame and are great favorites with the womenfolk standing back and chattering away and they grow so fast it is a pleasure to raise them. The first gosling we killed last fall weighed sixteen and a half pounds the first week in October.

In mating geese always buy in the fall as they are very slow to make up and never put more Just a short time ago our attention was called than one gander in one pen with from one to to the fact that a breeder and exhibitor of Barred three geese. A good plan is to have several little Rocks in Manitoba was not dealing fairly with pens and let each trio go in at night into their eggs when breeding from a number, as a

I have been asked if the hogs are not apt to The above remedy has been used by the writer In the poultry circle in which this breeder moves eat the little goslings. Did you ever see a gander birds or from flocks of other breeders, was being and fasten on to the bristles with his bill and followed. Fortunately, and we are proud to while the hog ran squealing away, beat it unmer-

Some people have the idea that water is abso-It is safe to prophesy that dishonest methods such lutely necessary for geese to swim in. This is a as are described above will soon wipe out the mistake. I have known lots of people yard geese off from swimming water, give them lots to drink and a good pasture and they will grow and thrive. We prefer the large grey Toulouse goose as I think birds of this breed are better in Some poultry raisers make the coops in which this respect; are very tame and lay a good number should be present in the form of a solution in the their chicks are raised stationary. The coops of eggs. One of our geese so far this year has laid butter. The gritty condition of the salt in butter are usually long with divisions in them, each eighteen eggs and is still at it. We frequnetly may be due to (1) poor condition of the salt before division containing one hen and her brood. As have them lay from twenty-five to thirty eggs. it is added to the butter; (2) adding so much salt these cannot be moved about the chicks live Geese are like elephants—they live to a ripe old that it cannot be dissolved by the water in the from the time they are hatched till the time they age and in fact it is supposed the older they get

if you keep her long enough; but it is really aston-It is not impossible to raise chicks successfully ishing the amount of valuable feathers on one solve during the manufacture of butter; (3) insuffi- in stationary coops when the chicks have free goose. The reason I mention plucking the gander cient working. If the butter is not worked enough range, as they will cover a considerable space; is, those not familiar with the ways of geese will to distribute the salt evenly, some portion of the vet there are decided advantages in moving the probably not know that the mother goose pulls butter will contain more than the other portions. coops. In the first place, unless more time is all the feathers and down out of her breast to

a farm, a great amount of the filth gathers under Here at least is one line of poultry in which you the salt would have, been properly dissolved, the stationary coops, while the movable coop need not be bothered or confused about balanced gritty butter is caused by insufficient working, can be changed to a clean place in two or three rations, etc. In the winter they will do well on A!ways set near the ground.

H. E. WABY.

Horticulture and Forestry

Strawberry Culture in the West.

at growing st awberries in Manitoba and other parts of our prairie country than has been the experience with other small fluits. This, however, does not prove that strawberries cannot be grown to fair advantage here, but rather, that the mode of cultivation best adapted to this country was not known to the planter. The writer has given much attention to this fruit and has worked out a system of cultivation which has proved quite successful. Others have been quite successful in growing strawberries in Manitoba, even on quite a large commercial scale, and have been able to ship in considerable quantities to the Winnipeg market When the best as early as possible, owing to possibility of plan of growing strawberries is uncerstood, this delicious fruit will no doubt be much more by hoeing off the early runners. extensively grown.

raspberries or some bush fruits affords some should not be immediately exposed to strong Fruit very large, light red. Mid season. Other protection, but in addition to this a good wind- light. Heel in or plant temporarily in a shaded break is desirable. It will be very difficult to location, until the plants bave recovered a good secure a good setting of young plants in an color. They can be planted closely in a slight S; exposed location. The soil for strawberries trench and watered easily. If plants are received should be very carefully prepared. Many varie when the ground is very dry, the same plan may ties de best on a loamy soi! but on the heavy be followed Only young plants that have never land of the Red River valley the plants seem to fruited, should be used for starting new beds. thrive. The land should be plowed deeply the previous year, and if not very rich should be well those who wish to succeed with strawberries. manured. Only land in a high state of cultiva- Broken or withered leaves should be picked off tion should be used, free from weeds and sod. Harrow the ground well in the spring and it will developed, may also be pinched off, otherwise be ready for planting.

is the only time to plant strawberries in this berries require more care in setting than most at 111 350 by the city assessment commissioner. country. In our short season the young plants other plants, particularly as to depth of planting. are not sufficiently developed to permit of early The crown must be just even with the surface. The prices on humber from one to ten dollars per fall planting, but even if good plants could be If planted too deep, so that the crown is covered, the prices thousand. obtained we would advise against planting in the the plant will slowly die If too shallow, the fall. Late fall planting would be even more likely roots will dry out. The plants must not be to lead to failure. In our climate, weather and exposed to the sun or wind while the planting is of liquor in an area of twenty miles along the transsoil conditions are seldom favorable for the fall being done. Keep them covered and moist continental railway. The Ontario Government has planting of stillawberries. Fairly early spring Select a cool, cloudy day for planting. If the promised to help to enforce the law in that province, in the early spring, planting should be deferred windy, soon after planting, shading may be for a time.

is known as the matted row system. Nearly all or shading with boards. large growers follow this plan. The rows are It is a difficult matter to select a but f list of inches apart. This is closer than is usually be bewildering, many of them excellent sorts. recommended, but it is not too close for our Scores of new varieties are offered annually, and climate, as the plants do not set as freely here as in some of these are "boomed" energetically as He was born in old Fort Edmonton seventy-six years moister climates where the season is longer. The something better than older sort, and find ago. lesser distance is safer. The space between the buyers at fancy prices. It rarely happens, rows should be kept well cultivated at frequent however, that these new varieties are better than intervals, for which the one-horse cultivator is a score or more of well knewn sorts. In purused always cultivating in the same direction chasing strawberry plants, the buyer should know after the runners start so as not to drag the that there are two classes of plants, known respecrunners/forward or backward by cultivating in tively as staminate, or bi-exval, and pistillate, opposite directions. Cultivation must be kept or imperfect flowered sorts. The staminate up until fall, or toward the end of August. In plants have perfect flowers, the male and female addition to the horse cultivation, it is advisable organs being combaned in the one blossom. to go over the rows several times with a hand Varieties baying perfect blossoms will produce implement, and throw a little earth over the fruit when planted alone. The varieties which runners here and there, to hold them in place, produce only imperied or pistillare blossoms

Strawberries are sometimes grown on the hill (imperfect). system. The plants are usually set somewhat Perhaps less success has attended the attempts plantations. There are other systems which are of a few favorite varieties. more or less of a modification of the matted row plan, or, we might say, a compromise between the ductive. Fruit fairly large, bright red. firm. matted row and the hill system. The principle Grown extensively as a market berry. Season followed in these modifications is to limit the early. number of runners allowed to each plant, curtail of the matted row system of course, entail more Season early. labor. It is sometimes advised to cut off the advisable to have the young plants established preceding.

HANDLING PLANTS.

and preparing the soil for strawberries than before planting. Plants should not be kept in a Good quality. Mid season for most other fruits. It is absolutely necessary dark place, or packaged up any longer than can that the plants should be sheltered from the wind. be avoided. If plants have been received from Not so largely grown as formerly, but one that

Special care in planting should be followed by before planting. The blossom stem if sufficiently this will have to be done shortly after planting. A great many inquiries come to us every It is also desirable to shorten up the roots. In season as to the best time to plant strawberries. planting the roots should be spread out and the I will answer these here, as I have so often done soil well pressed around the roots. Care must be in private correspondence, by saying that spring observed to plant just the right depth. Strawplanting is desirable, but in case of dry ground weather should turn very warm and bright, or but the attitude of Manitoba is not yet made known. necessary for a time. This may be accomplished Strawberries are most frequently grown on what by scattering light straw or hay over the plants, railway mail inspectorship in the West.

If the runners are shifted about with the wind (that is, bloss has having the female regars only the young plants will have a slim chance to take must not be planted alone or construct failure root. This work is very important in our dry will result. These pistillate various should be

little screenings or any other rough grain. They and windy climate. Weeds growing between planted along with a staminate sort, to ensure are like sheep someways; a very rough, even cold the plants, not reached by the cultivator, should fertilization. They may be planted alternately building as long as the floor is warm or covered be removed by hand. It is also necessary to go row in the same row, or in alternate with straw will bring them through. The feet are over the rows the first season and pinch off the rows. Sometimes two or three rows of pistillate the only parts about them which get cold. blossom stems as soon as they are sufficiently are planted to one of staminate. The best pistil-Always provide them with lots of coarse gravel developed. It is not fruit, but healthy, strong late sorts are generally regarded as more proin the winter time. Some are bothered with plants that are wanted the first year. The parent ductive than the staminate plants, hence the eggs which are tertile not hatching. We never plants should not be allowed to exhaust them- desirability of planting more of them, with only a have this difficulty. If we set under a hen we selves in producing fruit but should give all their sufficient number of staminate plants; to ensure take the hen once in a while and dip her under energy to producing new plants. It is these fertilization. Where only one variety is planted feathers in water. With the goose we sprinkle new plants that will give the fruit crop the it should, of course, be a staminate sort. In the eggs two or three times with warm water. following year. If the work has been a success, nursery catalogs staminate varieties are usually by the fall of the first season a solid row of plants. distinguished by the letter S (staminate) placed eighteen inches wide should completely cover after the name of the variety. while pistillate sorts are distinguished by the letter P or I

It is further well to remark that different closer together and all runners are kept hoed off varieties of strawberries succeed best on different as soon as they appear. In that way very large soils. It is, therefore, advisable to try several individual plants are produced, and larger and varieties. About one hundred to two hundred finer fruit is secured, but in less quantity in pro-plants would be sufficient for the home use of a portion to the labor bestowed upon them. The small family, if good results were obtained from hill system is only followed in small garden that number. We will only give a limited list

Crescent.—A vigorous, healthy variety. Pro-

Warfield.—An exceedingly productive pistillate the number of new plants and keep the matted sort. Healthy, strong grower. Fruit medium row within narrow limits. These modifications size, dark red, firm. A fine market variety.

Haverland.—Another very productive pistilfirst runners that start on the theory that stronger late sort. Fruit better flavor than Warfield, but runners will follow. In our climate at any rate, not so firm, and, therefore, not so desirable for this practice would be objectionable. It is marketing. Plants hereby. Searon later than

Bederwood.—Perfect strong healthy plants. dry weather later, rather than to put them back A variety that has been in favor to a considerable time, and used largely for planting with pistillate

More care is necessary in selecting a location Strawberry plants require careful handling feet variety. Fruit medium to large, firm. Senator Dunlop.—Vigorous and healthy, per-

Planting the strawberry rows between rows of a distance, they should be unpacked at once, but seems well adapted to our soil and climate. favorite varieties are: Enhance, S: Lovett, S: Splendid, S, Mary. S. Clyde, S; Sample, P; Gandy, The last is a good late variety

D. W. BUCHANAN.

St. Charles' Nurseries, Man.

FIELD NOTES

Events of the Week.

CANADIAN

The population of Winnipeg has been estimated * * *

Rural lumber dealers in the West have advanced

The Dominion Government has prohibited the sale

Mooseiaw and Calgary are to be headquarters for

The total number of immigrants reaching Canada marked out about four feet apart, and in these varieties to recommend for general planting in the year ending March 31st was 126,667, being an rows the plants are set from one foot to eighteen. The number of varieties offered is so g eat as to increase of 37,859 over the previous year. The United States sent 34.657 people to Canada.

* * *

BRITISH AND FOREIGN.

The Stomboli volcano in Sicily is in eruption and earthquake shocks have been felt.

The United States Government will withdraw from control in Cuba in September, 1908.

The State of Minns sota passed passed an act fixing railway reason two cents a mile within its boundshould rate, including excursion rates of return tickets and reductions to

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Japan has ordered a new 21,000 ton battleship to and will afterwards look into conditions in Manitoba built in England.

Mr. H. A. Craig of the Department of Agriculture be built in England.

In the rowing match at the Jamestown exposition commission. between the crews of the warships, the Americans won over the British tars.

Chinese famine districts.

The Dublin Exposition, the greatest thing of its May.

Serious rioting has been going on in Guatemala, one of the little republics of Central America. A Guatemala City were attacked, and, as a consequence, men and sending them to the Guatemalan frontier.

Agricultural Colleges Retain Boys on the Farm. be promoted much more moted much more effectively. EDITOR FARMER'S ADVOCATE:

however, that the course is well suited to the needs think a meeting might be most conveniently held. of the young men for whom it has been planned.

But there is one aspect of the course which does Aug. 1st, and 2nd, has been mentioned as a suitable not require a knowledge of local conditions to express an opinion on, and that is the opportunity it affords Western Representative Live Stock Branch, the student for development and self-improvement, and central place. Yours very truly,

at Edmonton, has been appointed secretary to the

A Canadian Percheron Registry Mooted.

It has been proposed by a number of those interested The sum of \$400,000 was sent from the United in breeding and importing Percheron horses to organ-States in one day to the relief committee of the ize a Record Society for this breed under the Dominion act respecting the incorporation of live stock record associations.

Nearly all the pure breeds of stock in Canada, kind ever held in Ireland, was opened on the first of including Clydes, Shires, Hackneys, Thoroughbreds, Shorthorns, Aberdeen-Angus, Herefords, Ayrshires, Sheep, Swine, etc., are now organized under the National system, whereby the Dominion Department of Agriculture supervises the administration bomb was thrown at the President, but he escaped of the work and places its stamp of authenticity injury. The Mexican and American legations in upon every pedigree certificate issued from the National Record office. Those interested think that the Mexican Government is equipping thirty thousand the work of registration could thus be done at less expense to the Canadian breeder, and that with Canadian association the interests of the breed could

At the request of a number of those interested in Editor Farmer's Advocate:

As to my opinion of the First Year Course in the Manitoba Agricultural College for the young farmers of Manitoba, I may say I am unfamiliar with the conditions of farming in that province. There are many Manitoba students in a better position than myself to give an opinion as to the practical values of the province of the second time reduces of a function of those interested in Percheron horses I am corresponding with all known breeders and importers in Canada. It is suggested that a meeting for the purpose of discussing such an organization might be held at a place and date to be agreed upon by the majority of those replying myself to give an opinion as to the practical values of the province of the province of the province of the purpose of discussing such an organization might be held at a place and date to be agreed upon by the majority of those replying that a meeting for the purpose of discussing such an organization might be held at a place and date to be agreed upon by the majority of those replying that a meeting for the purpose of discussing such an organization might be held at a place and date to be agreed upon by the majority of those replying that a meeting for the purpose of discussing such an organization might be agreed upon by the majority of those replying that a meeting for the purpose of discussing such an organization might be agreed upon by the majority of those replying that a meeting for the purpose of discussing such an organization might be held at a place and date to be agreed upon by the majority of those replying that a meeting for the purpose of discussing such an organization might be held at a place and date to be agreed upon by the majority of those replying that a meeting for the purpose of discussing that a meeting for the purpose of discussing such an organization might be agreed upon by the majority of those replying that a meeting for the purpose of discussing that a meeting for the purpose of discussing that a meeting for the purpose of discussi myself to give an opinion as to the practical value of your opinion as to the advisability of taking action the course to resident students. I am fully convinced, along the lines suggested, also when and where you

Regina at the time of the Summer Fair, July 31st,

GEORGE H. GREIG.



SCENE ON DR. LA BAU'S RANCH, IN THE KOOTENAY COUNTRY, NEAR NELSON, B. C.

We hear a great deal these days about the young man leaving the farm, and we are told that he has up lines of work which require greater ability, and in the corn of large Winnipeg citizens offer greater opportunities. This may be the case in some instances, but in most cases it is himself, not his occupation, that he has become dissatisfied object of the scheme is to encourage the growing with. He leaves the farm, not because he finds it of flowers, shrubs and ornamental trees and to unworthy of his best efforts, but because in his work up a rivalry in the practice. The society is environment there he finds it impossible to develop prepared to assist others in the same work on the into that kind of a man which he desires to make of himself. Now if a means is provided whereby he can realize his ambitions, he is saved to the farm. cultural competition will be expected to appoint a During the past winter I have found that the Manitoba Agricultural College provides this means. In ment or the competition, attend the enrolling of comthe lecture room the student not only receives a petitors, give necessary assistance to the judges, knowledge of the principles of Agriculture, but he and attend to the awarding of prizes. also acquires the habit of coming to correct conclusions, of coming to them quickly, and of express- of not more than twenty miles square in the province ing them clearly and forcibly. In the College literary of Manitoba, by guaranteeing six competitors in any society he becomes accustomed to speaking out his competition outlined by the society, will be recogopinions and defending them. On the executives nized as holding a competition and will be entitled to of the various student organizations he gets some the assistance offered by the society foretaste of responsible citizenship, and in his contact with his teachers and fellow-students he attains tural competitions will be supplied free of expense

Apart, then, from the practical value of the subjects taught in the college, the course has an educa- entered in competition at stated times during the tional value which makes it particularly desirable summer to make reports on the work being done by to the young man from the farm, and I have no each competitor. hesitation in recommending it to any who feel their need of the benefits to be derived from it.

R. D. COLQUETTE. Regina, Sask.

Meat Commission to Work.

The long delayed work of the commission of enquiry the competition. counted commissioners, but Saskatchewan has the competition is being held. Professional nursery-limed to take part. Mr. A. M. Campbell of Argyle, men or gardeners will not be eligible for competition. The act in place of Mr. Scallion who resigned. The No entrance fee will be required to become a rompetition belong the required to become a rompetition.

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To Encourage Horticulture.

The Western Horticultural Society has inaugur in the care of lawns, home grounds, school grounds, and for the best beds of flowers. The following conditions:

1. Cities towns, or municipalities holding a horticommittee whose duties will be to assume the manage-

Any committee in any city, town or municipality

2. Any city, town or municipality holding horticulto some degree of that self-confidence which is so with rompotition judges by the Western Horticulnecessary to success in life. visit the homes of the competitors or school grounds

3. The awards in these competitions will be based on the periodical reports sent in by the judges. list of the winners in each of the competitions may be competition by the city, town or municipality holding selling around \$3. Hogs, \$6.40.

the meat trade of Western Canada is about to 4. Competitors in a horticultural competition must be resident in the city, town or municipality in which

MARKETS

It took all the bull news, the late season, the green bugs, and some revival of European demand, to raise the price of wheat ten cents over close of navigation prices last year, but from all appearances there will be this difference in a day or so if indeed it is not the case by the time this reaches our readers. During the past week the market became very strong under influences from all quarters. The green bug continues to do damage; the season continues late; the export demand is more lively; navigation is opened and dealers have scented high prices;—any one of which conditions would be sufficient to raise prices, but where all are operating at they did last week, big gains cannot fail to be made.

In the States certain elements are already talking dollar wheat, and everything considered their expectations are not unlikely.

The police court trial of the president of the Canadian Stock and Grain Company has been withdrawn, Mr. Woods having settled with all his creditors and left the country. This week the case of the Crown vs. the Grain Exchange is being continued, with Mr. Bonnar as leading counsel for the prosecution.

At the close of last week Thompson, Sons & Co. reported as follows of the Winnipeg market:

'Manitoba wheat has been steady to strong according to the fluctuations in market sentiment. have been steadier than in the U.S. markets, our prices being based more on the export value than governed by speculation. Lake navigation at Fort William opened April 30th., two weeks later than last year. A large fleet of vessels has been chartered and in a few days the stock in terminal elevators will be greatly reduced. The opening of navigation and the advance in prices tend to make the trade more active than for some time. Prices closed at I Hard 82½c. I Nor. 81½c., 2 Nor. 78½c., 3 Nor. 75½c., spot or

	enroute, and futures May 812c., July	83	C.		
7	OTHER GRAINS.				
	Liverpool—No. 1 Nor., Manitoba s 6s. 113d. per cwt., or \$1.00 1-5 to \$ No. 2 no stock.	pot,	6s.	er	d. to bus.
	MILLFEED, net per ton —				
	Bran				
	Shorts	50			
	Barley and oats 24.0	00			
	Barley				
	Oats26.0	00			
	HAY, per ton (cars on track,		0		
	Winnipeg) 10.00 Loose loads 13.00		(a)	11.	
	Butter—		w	13.	00
	Farm dairy in pound prints, No.				
	1, per lb	24			
	No. 2, per lb	23			
	Farm dairy in rolls, No. 1, per lb.	22			
	No. 2, per lb	20			
		18			
S	Eggs—				
l	Strictly new laid, per dozen	24			
	Poultry—	1			
5	, ,	121			
)	, , , , , , , , , , , , , , , , , , ,	122			
5		15	(a)		17
3	- man Jul an annual Landau Line	J	1		

LIVE STOCK.

The stall fed cattle in Manitoba came forward with a rush last week and caused somewhat of an easy tone to the market in Winnipeg for a few days. Deloraine branch sent up 35 car-loads in one day of cattle that were in pretty good fit. Of course the loads were mixed and prices ranged from \$2.50 to \$5.25 per cwt Prospects of short supplies in June are bright and buyers freely admit that the man who has cattle then will be able to dictate prices. Already some extra choice lots carry a bid of \$5.25 per cwt., but there is no certainty that this will be the highest figure. Outside of butcher stock, dealers are not looking for a very active season, but exporters would sell fast now at \$5.25.

A rather singular thing is occurring in the hog trade. The continuous rule of \$7.75 has proved too much for the packers, who have turned to the Toronto market where they have bought hogs at \$6.30 to \$6.40 and by paying 58 cents freight have got their hogs for less money than Winnipeg quotations.

TORONTO

Export cattle quiet at \$4.75 to \$5.25; butchers.\$4.75 published in the local daily at the close of the \$4.90, with \$5.25 paid for a few choice. A few heavy competition. Suitable rewards could be given in each feeders sold up to \$4.75, with a bunch of light stockers

Cattle-Beeves, \$4.25 to \$6.40; good to prime steers

HOME JOURNAL



Life, Literature and Education

IN THE WORLD OF LITERATURE AND ART.

Mark Twain has a double in the person of lived for several months in that city and was continually addressed by the name of his counter- find common ground in servants, houses and have passed them by because it was too much part. The resemblance is said to be remarkable. babies. It is natural that we should like most trouble to wrinkle our stiffened features.

has elected officers for the year and planned for whose interests lie along another direction the despatch the other day stating that there was couver this year. Lady Edgar is the new presid- for conversation in so far as the already acquired that volunteers were being recruited as a preent of the council.

been appointed president of Toronto University. To accept this appointment he resigns the position escaped as speedily as possible. of principal of the Presbyterian College, Halifax,

city fathers to establish a committee of theatrical conversation than his own particular life work, for the others there is open only the civil service censorship to examine the plays to be presented unless he wants to be regarded as an unmitigated in the local theatres. Two of the French theatres nuisance and avoided accordingly. Every far outnumber the vacancies. A little learning agree to accept a censorship of their plays.

fund for Longboat, the winner of the Boston Marathon road race, to assist him in gaining an education, the lack of which he feels keenly.

Rudolf Girard, president of the French Can- they also are deprived of the good he might have there is no Indian nation. If there were or had adian. Institute of Ottawa, has been awarded the been to them, There is a time for everything—a ever been, there would be to-day no India of decoration of an officier d'academie bythe Govern- time to talk shop and a time to refrain from ours. What force could overthrow a united ment of France, in recognition of his literary talking shop, and it is the popular man who nation of two hundred million people? But work.

Rev. John D. Fleming of Scotland has accepted the invitation to occupy the chair of systematic theology in Manitoba College, Winnipeg. He the rush and hurry of the twentieth century, separated them, and if the strong controlling

Madame Schumann-Heink, the famous German contralto, sang in Winnipeg on April 29th. Her previous engagement was in Lincoln, Nebraska, to do you a deadily injury with it instead of the indian empire.

The man who gives his seat "If our empire were to end to-morrow, I do the option of th but between the two appearances she went home to New York to see her two children for whom and she accepts it with no apparent graciousness not think we need be ashamed of its epitaph. she was homesick.

ton, obtained the following standing:—Degree indicate more than gravity—worry, anxiety, pose. I am not with the pessimists in this of B. Sc.—A. S. Campbell, Lashburn, Sask discontent and above all, the feeling of being matter. I am not one of those who think that (civil); G. H. Herriot, Souris, Man. (civil); rushed. Board a train and you witness the same we have built a mere fragile plank between the J. L. King, Fairfax, Man. (civil); W. J. Woolsey, gloomy melancholy on almost every countenance. East and West which the roaring tides of Asia Phænix, B. C. (mining); R. O. McCulloch, One would think the railroad company in carrying will presently sweep away. I do not think our Souris, Man. (civil). Degree of B. A.—S. J. A. passengers from one point to another was actuated Branion, Wolseley, Sask.; G. W. Mackinnon, by the keenest feeling of revenge. The children the contrary, as the years roll by the call seems. Revelstoke, B. C.; W. Stott, New Westminster, are the only joyful members of the party and to me more clear, the duty more imperative, the B. C.; Degree of M. D. and C. M.—A. E. H. their hilarity usually succumbs to nagging and work more majestic, the goal more sublime. I Bennett, Vancouver, B. C., (also the Barber reproof. The wretched service, the slow rate believe that we have in our parter to weld the

TALKING SHOP.

profession is held to be the most guilty, but that justifiable, but it isn't removed with the overceat only made India to our own for its a popular fallacy. The tendency to talk shop and hat. It is worn in the house, kept on at That is not the true reading the profession in the house, kept on at That is not the true reading the profession in the house, kept on at That is not the true reading the profession in the house, kept on at That is not the true reading the profession in the house, kept on at That is not the true reading the profession in the house, kept on at That is not the true reading the profession in the house, kept on at That is not the true reading the profession in the house, kept on at That is not the true reading the profession in the house, kept on at That is not the true reading the profession in the house, kept on at That is not the true reading the profession in the house, kept on at That is not the true reading the profession in the house is not the true reading the profession in the house is not the true reading the profession in the house is not the true reading the profession in the house is not the true reading the profession in the house is not the true reading the profession in the house is not the true reading the profession in the house is not the house in the house in the house is not the house in the house i is a human weakness confined to no single pro- meals and not even discarded at bed-time, and is not my forecast of the fession, but common to all. Wherever two real the meals, the bills and the children serve as message is carved in grantestate men foregather the air is full of such words pretexts for its constant wear within the walls of the rock of doom-our as frontage, values, titles, prices. When sports-home.

to talk of what we know most, for then we are conversationally at our best and when we meet a comrade of like mind talking shop is the proper The Canadian National Council of Women thing to do. But when the companion is one

depreciated in value during the last years, and advantage of the easy terms to secure a general men fancy they must talk if there is another education. But when they have graduated human within the range of hearing, it is a neces- there is nothing for most of them to do. A few Archbishop Bruchesi of Montreal has asked the sity that a man shall have other resources for are wealthy or can go into mercantile pursuits individual should have some mental side lines is a dangerous thing when there is no use to be which will recommend themselves to his acquaint- made of it. It has a tendency to ferment in ances in general. A farmer of more than the the brain and cause trouble. A movement is on foot to raise a subscription average intelligence will often appear to great disadvantage in a crowd of people who are not India is heir—famine, disease, ignorance—is an farmers, simply because he has confined his independent responsible Government, according mental activities to the main line of his own to the students, whose studies have taught them work and has built no branch line that will the dignity of such a rule. But India is in no connect him with others not of his calling. He condition yet for fully responsible Government misses a great deal by so confining himself and and will not be for many years. For one thing never confuses the seasons.

PRACTICE LAUGHING.

you can ride for blocks and never see a smile or before. hear a cheerful word. The conductor thrusts Lord Curzon, the value of whose work in India

If this cast of countenance were put on as a Let no man admit the craven To begin with, we all do it. The teaching mask to wear out of doors it might perhaps be to ve won India cannot held it as a

What we need is to limber up our stiffened faces with smiles whether we have any particular reason or not for smiling at the time. The way to correct a bent spine is to straighten up every time we think of it, and the habit grows until the erect position becomes natural and mechanical. The way to break up a gloom-bound face men meet there is heard the almost unintelligible is to smile every time we can remind ourselves jargon of the world of athletics. When farmer of it, even if it is no smiling matter we have on Professor Borzi of Florence, Italy. The humorist meets farmer deep calls unto deep to the tune hand at the time. There are plenty of good and of soils and crops and breeds, and the homemakers funny things to smile over, but in the past we

UNREST IN INDIA.

From Lahore in Northern India came a their annual meeting, which is to be held in Van- hobbies of both should be only used as topics among the Hindoo students unrest, so marked knowledge of the least interested enables him caution. It is more than probable that these to comprehend and enjoy what he hears. When he reports are exaggerated, but that disturbed hasn't any knowledge at all the man who insists conditions should prevail in the schools is not Robert A. Falconer, M. A., B. D., LL. D., has on talking in the language of his own profession surprising. Higher schools and universities on is looked upon as an intolerable bore to be the plan of Western educational institutions have long been established in India, and thous-Since silence, though golden, has rapidly ands of young men of all classes have taken or the law and the applicants for these positions.

Of course the remedy for all the ills to which the house was divided against itself and it fell once—Bengalis against Sikhs. Ghoorkas, and the Mahrattas against them all. In language, customs, religion, everything, these The art of looking pleasant is being lost in tribes are still almost as diverse as if an ocean Get on a street car at an hour in the morning hand of their military masters were removed the when people are going to shop and office and pieces would fall apart again as hopelessly as

his fare box at you as if it would please him is not easily estimated, holds out this future

and she accepts it with no apparent gratitude. It would have done its duty by India and justified The mildest expression on any face is serious, and its mission to mankind. But it is not going to most frequently the drooping mouth corners end. It is not a moribund organism. It is still Western students at Queen's University Kings- and perpendicular frown wrinkles on the brow in its youth, and has in it the unexhausted purof travel, the meals, the hotels along the route—anything will do to nourish the aggrieved spirit have ever heretofore dreamed of, and to give and print a record of its emotions on the face. them blessings greater than appropriate how enjoy. hose who we have unmaking. me the out of it shall endure."

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WALKING WITH GOD

Jesus Himself drew near, and went with them. But their eyes were holden that they should not know Him .- St. Luke xxiv.: 15, 16.

"Come Thou as Guest within the breast

That burns to follow Thee. Within our heart of hearts,

In nearest nearness be; Set up Thy throne within Thine own, Go, Lord; we follow Thee.'

There is a wonderful biography contained in one short verse in the Book of Genesis. It is the story of a life which shines still in radiant beauty, though 'God: and he was not; for God took sweetness of the experience because him.' He was translated that he their eyes were holden that they should not see death, but that is not the should not know Him. fact which makes his record so splendid: but, as we are told in the Epistle to the made one of that little company. Hebrews, he "pleased God." Anyone Think what it would have been like to discover the best kind of greatness to yet lingered in the world He loved. aim at. Let us all aim at the highest; Divine tenderness must have thrilled and the highest greatness is not reserved in His tones, and His face must have for a few, but is open to old and young, been beautiful as He pleaded with them rich and poor, educated and ignorant. to trust God in spite of the downfall of We can each one of us walk with their hopes. God and please God. Then let us do

Though God may seem very far away, yet He is really close beside us. We may know this as a matter of theory and vet fail to realize His Presence, and so miss the gladness and strength of walking consciously with Him. We may, in the 'darkness of a half-belief,' grope the 'darkness of a half-belief,' grope two or three are gathered together for His heart, like a child blindly seeking in His name He will always be present. its natural resting-place, as Margaret Deland says:

My hungry heart leans back to look for entirely our own fault.

Would find some token Thou art

walking near; Instead they clasp but empty darkness

drear.

bated breath,

Lest, haply, my earth-blinded eyes but in the Heart of God

mark

A shadow of Thy presence, dim and weather.

feet, Or hope for hands prayer-beating ence. It cannot be that we doubt His the time we know that we are very 'gainst the dark.

As I, in darkness of a half-belief,

O Lord, speak soon to me—"Lo, here am I!"

between Jerusalem and Emmaus, talk- Then the pressure of daily work could ing sadly about the tragedy of the first not crush out all freshness and spring. Good Friday, and feeling utterly hope- Why does it fret and chafe us until less and disheartened. Suddenly they we grow cross and impatient? Is it noticed that a Stranger was walking not-partly at least-because it is with them. As they listened to His piling up ahead of us and we see no way quiet words they learned that life had to get it done? There is always more grander object than just the attain- work than we have time or strength to ment of present glory or happiness. do? Yes, there is more work that we They began to dimly understand the can see, but in reality God never requires great mystery of the perfecting wrought of us more than we can do. To walk "Beside the dead I knelt for prayer, through suffering. They saw that an with God means to take duties straight easy, painless victory was a very small from His hand, one at a time; not to thing compared with patient, heroic stay awake at hight wondering how endurance and self-sacrifice for love's we can ever get through all there is to do. There is a wonderful gladness in the remembrance that our days are the mysterious Stranger explained the remembrance that our days are beir own Scriptures, showing that planned out for us, down to the smallest

THE QUIET HOUR

bright spot in their lives, an hour which would stand out in memory as long as 6,000 years have passed since it was they lived. They had walked with God, lived on this earth: 'Enoch walked with though they did not drink in all the

How we should have liked to have Think what it would have been like to who is ambitious to achieve greatness have heard the words of Him who had should study that short biography and passed through death as Conqueror and

> But what is the use of wishing we had been there, when we know quite well that we have never had such an oppor- dare to lean with all their weight on One tunity. Have we not? Then the great Christian faith, which can transfigure own disciples. Think what a lot of He who is the Truth has said that where showed, by doleful voice and gloomy and that He will be with His own until the end of the world.

Drift slow between Thy gracious face afternoon; and if our eyes are holden the cause than any outside enemy Sad, my heart? Be glad, my heart! so that we do not know Him, it is could do.

But finds the way set thick with doubts hand with our Lord! Perhaps we are living through a time of perplexity and pray wilfully is not only wrong, but and fears.

My groping hands would touch Thy garment's hem,

living through a time of perplexity and pray wilfully is not only wrong, but Oh, the weary, weary days, and nights foolish and dangerous. We have had straightened out. We can look up in enough experience to know that if Oh, the bitter tears we shed, and oh, His face and tell Him simply and trust- God had always given us exactly what fully that we put our affairs into His He commands, and to accept whatever And no diviner hands reach out to them. He gives, knowing that He is able and loving to give us things that will hurt willing to make all things work together us, even though we may plead earnestly for them. When a little boy asks his Heart o' me, the world is sweet! tie our lives to God at the center, and so father for a gun, a really kind and loving Stands still to catch a footfall by my remain fixed in the midst of turmoil and father will not put the gift into his

Thy stately figure, leading life and scious of His presence and leaning on for having escaped are the very things His strength, is to drink in jov and peace we were most eager to get a few years straining eves. O Christ! but long to with every breath and to press on eagerly ago.

O Thou! unseen by me, that like a child sun, down to the tiniest insect whose in the least whether it will harm them. Tries in the night to finds its mother's life is beyond our powers of understanda voice which grows louder all through power to love, but His near presence. moment and touch the heart or hand men were walking along the road must know certainly that all is well.

all through the ages God had, been detail, the work to be done this minute leading up to His grand revelation of is laid in my hands by my Master. I Love; preparing men by types, sacrifices can touch His hand as I take it and as and prophecies, so that they might I give it back to Him. All the other understand that it was no new thing for work I can see-which He has not given glory to be won through suffering and to me yet and may not give to me at shame.

to me yet and may not give to me at all—is still in His hand. He will see to That walk to Emmaus was indeed a that, and give it out bit by bit to the workers as He pleases. Then there is the pain or the disappointment which is so hard to bear. Don't let us be satisfied with quiet endurance, but let us find the joy which He has hidden in the bitter draft. It did not come to us by chance. Let us take the cup from His hand, looking up and thanking Him for it trustfully; because we know the bitter medicine is given in love, to make us strong with the strength of purity and radiant with the beauty of

We are dishonoring our King before the world when we murmur and complain, refusing to accept in childlike trust His will concerning us. If we, who profess to be willing to obey Him, have no confidence in His dealings with us, then those who are still looking for the Truth will give up hope and will not who is evedently not trusted by His mischief a soldier could do if he doubted the wisdom of his general, and plainly face, that he had no confidence in his management of the campaign. Such disloyalty would not only make him Heart o' me, the world is sweet, the We can, to-day, walk with God as of doubt would soon spread to his restless and troubled, but the contagion O distant Christ! the crowded, darken- truly as those disciples did that Easter fellows, and he would do more to injure

And we must also walk with God in Think of the joy of walking hand-in- our prayers, putting our requests into God had always given us exactly what the mist of pain! we asked for, we should have brought Sad, my heart? Be glad, my heart! hands, that we are willing to do what heavy trouble down on our own heads by our prayers. God is too kind and unrest because our anchor is sunk deep hands until he is old enough and wise To walk with God all the time, con- the things we are most thankful now in spite of rocky road and stormy as a solid foundation beneath every eather.

We are worried and anxious, careful be done!'' Too often we reverse this Or far-off light to guide my wandering and troubled about many things, just prayer and insist that not God's will I wish the kettle would sing again, because we forget or doubt His pres- but our own should be done—though all ence. It cannot be that we doubt His the time we know that we are very I wish it would sing of a lion slain—power. The universe in which we live—ignorant and short-sighted, like children Of a pirate crew on the Spanish Main—trom the wonderful blazing life-giving

One more thought, and I have done. heart,
And weeping wanders only more apart,
Not knowing in the darkness that she

Not knowing in the darknes a voice which grows louder all through arate friends, though He often removes Of a little girl in a bonnet red, the centuries along the long the from sight. To really walk with Saved by a prince from a hydrogeneous control of the c that no other ideal of love can compare God is to be one with Him and to feel Grope for Thy heart, in love and doubt with that once for all revealed on Caland grief;

with that once for all revealed on Calwith that once for all revealed on We could not murmur and complain of one we love and who is also one with if we felt that He was close beside us, Him. "In Christ His chosen ones are But let us think of our text! Two for if we walked always with Him we near each other, though continents and oceans may divide them''; and even Death—the Great Divider—has been robbed of his terrors. Christ has Of a blue-clad boy where the strife conquered him and has a right to say. "If a man keeps My saying, he shall never see death." As our Living With face to the steel and willing to die— Head is very really on this side of the Veil as well as on the other side, to be one with Him means that we, too, are I wish the kettle would sing again, on the other side as well as on this.

And felt a Presence as I prayed,

we know, Restore again to life, 'I said, 'This one who died an hour ago.' He smiled, 'She is not dead!'

" 'Asleep, then, as Thyself did say, But Thou can'st lift the lids that keep Her prisoned eyes from ours away.' He smiled, 'She doth not sleep!'

Nay, then, tho' haply she doth wake, And look upon some fairer dawn, Restore her to our hearts that ache: He smiled, 'She is not gone!'

Alas! too well we know our loss, Nor hope again our joy to touch, Until the stream of death we cross!' He smiled, 'There is no such!'

Yet our beloved seem so far The while we yearn to feel them Albeit with Thee we trust they are.' He smiled, 'And I am here!

Dear Lord, how shall we know that Still walk unseen with us and Thee; Nor sleep nor wander far away? He smiled, 'Abide in Me!'''

HOPE.

There is not any benefit so glorious in itself but it may yet be exceedingly sweetened and improved by the manner of conferring it. The virtue, I know, rests in the intent; the profit in the judicious application of the matter; but the beauty and ornament of an obligation lies in the manner of it.—Seneca.

HEART O' ME.

violets are blooming, All the tender, greening things are laughing in the sun;

Summer time is coming! Bird and brook are singing for the joy-days now begun.

Listen to the laughter! How the sunshine glimmers on the blossoms wet with rain!

Remember not thy sorrow, Follow after running brook, and bloom, and bird, and bee! enough to handle it safely. Perhaps Sad, my heart? Be glad, my heart!

Greet the good to-morrow! Wist ye not the golden world was made for thee and me?

NEVER AGAIN.

Just as it used to do-

from the wonderful, blizing, life-giving who beg for something without caring Of a clipper-ship on the sea-way high, With a cabin boy and the Boy was I-Just as it used to do.

Saved by a prince from a hydra-head That lurked in the corn that towered

high, And the girl was She and the Prince was I-

Just as it used to do.

wish it would sing of war's alarms, The booming of cannon and clash of

ran high. Just as it used to do.

The lyrics it crooned and the tales it

But the hearth is chill and the years are old,

The fancies it whispered have all taken wing, And never again the kettle will sing

Just as it used to do! -JOHN D. WELLS, in Kansas City Post.

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INGLE NOOK CHATS

A SUPPORTER OF B. S.

Mr. Editor:—After reading the letter from B. S. and your comment on the same in issue of March 27th, I telt impelled to express my approval and confirmation of all her letter contained. When a man has lived to be fitty-eight years old, and has not reached the conclusion that, in order to have a variety of food, a garden is a necessity, I tear the editor has another guess if he concludes that all a wite would have to do to obtain one would be to ask. I am the son of a "cannot afford it" man, and I have heard my mother use every argument in favor of a garden for years, until she gave it up in despair and submitted without a whine or scold to being deprived of what she knew the health of herself and children required. What argument she could have used to obtain her wish I know not. But the argument I would have liked to use would be no milk-andwater one. There is no closet on our
muslin over glazed lining of a favorite farm, neither is there a well or a drain. My mother knows the need of all those things, yet she has failed to find the argument suited to his intellect, that is capable of drawing the necessary money out of his purse. When I have money out of his purse. a home of my own I will have a garden fenced and a well. By the way, Mr. Editor, if you could let the women around these parts know how to get those things I am sure if ever you run for any office where women have a vote you will get this entire community. If I am allowed another, next time I will give my opinion of Dr. Davidson's lecture. In the meantime I remain a reader of your valuable

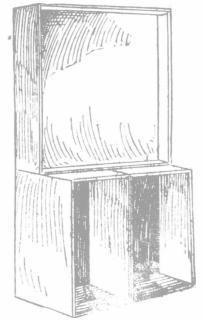
(The Editor said, and maintains that a man of average mental ability will be persuaded by quiet arguments of the desirability of having a garden. A man who refuses to be convinced of what common sense makes plain has something seriously wrong with his mental processes; his intellect is warped and the eyes of his understand-

ing darkened.

We are glad that our correspondent

An Ingle Nook member has asked to be told how to make "rough things fashion by fastening securely a larger out of boxes," to help furnish the new settler's home. Letting ingenuity take bedroom at a height of about six feet, the place of dollars, one can make some putting in a shelt for hats a foot down pretty smooth (that isn't slang) things from the top, and placing a row of hooks out of boxes, and there are so many of round the two sides. Then hang a them that it is hard to tell where to long curtain before it to keep out the

With two boxes, each three feet long,



THE MAKING

two and a half feet wide and sixteen inches deep, you can make a very good couch, by screwing them tight together end to end, and putting on a padded cover of bright chintz or cretonne with a frill the depth of the couch tacked on with brass tacks around the front and ends. If the tops are put on with hinges and fit well, it makes an excellent place to store bedding when not in use.

Very serviceable washstands can be made from boxes, and made to look quite dainty too. Choose a box about two feet and a half high and with an end large enough to hold the toilet articles. Remove the front and the end that is on the floor. Use that end to make a shelf a foot from the top to hold your shoes and bedroom slippers. Cover the top with a piece of white blotting paper fastened down smoothly over the edge with tacks. The box may be provided with a skirt of flow-

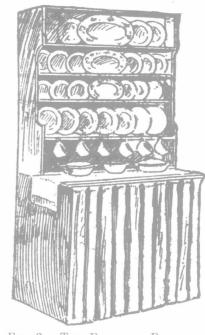


FIG. 2. THE FINISHED PRODUCT

has mapped out a totally different shade, pink, blue, yellow or green, with course for himself when he has a wife a cover on the top to match. If space and home of his own. Would it not is not plentiful try your hand on a be a good plan for him to practice a three-cornered washstand by leaving little and do some experimenting on only two adjacent sides on a squarea garden for his mother to get his hand ended box one and a half feet to the in?) across. Push it back into a corner, cover the top, and drape the front as

> A wardrobe can be made in the same triangular piece in the corner of the

> With three boxes of the proper dimensions can be made a piece of furniture that will do equally well as a kitchen cupboard or a book-case. Two of them should be of the same size and shape, two and a half feet long, a foot and a half wide and two feet deep. Stand them on end side by side with the open faces toward you and screw them tightly together. (Screws are better than nails, and use half-a-dozen.) On top of them place another box, not more than eight inches deep if for a book-case, and not more than twelve if for dishes. Have it the same size across as the other two boxes together. make it even from the back and screw it down to them. In this upper part put three shelves, fixing them beyond chance of shipping with any weight put upon them. Sain the whole thing a light oak or cherry or some color that will match the rest of your furmaking it for a your along the that dishes lipping off. ue, covered

whe of I too flou eno not cut

fron boil beer once rubl You sam M vege corn ther

nd sixteen very good it together a padded tonne with ich tacked the front ut on with es an exling when

ds can be le to look box about d with an the toilet and the e that end the top to of white smoothly The box t of flowte dotted a favorite

If space

d on a leaving square to the agonally front as he same a larger of the

six feet,

ot down of hooks

hang a

proper of turll as a Two ne size long, a t deep. le with 1 screw vs are dozen.) ox, not for a twelve ne size gether. lscrew er part be vond weight e thing · color ir furfor a ng the

g off.

overed

In the

packages, and on the other drive nails might prove useful to hang up kitchen utensils. If you can have glass doors for the top and wooden ones for the bottom, so much the better, but if not, curtains will do, or better still, a roller spring blind of the right size put on with the proper fasteners. It will keep out the dust better and is easily handled. If you design it for a book-case cover the top

MAY 8, 1907

of the lower boxes with heavy blotting paper, keep the lowest of the upper shocking about the time they would shelves for writing materials, and fill be delivered. I was lamenting to one the upper part with books. You can use one of the two lower compartments "I have a few dozen roots that I don't need which you can have." I did for papers and magazines and keep need, which you can have." I did the other, hidden by a curtain of pretty scrim which is hung on a brass rod over the lower half of the book-case. was none the less sincere and maybe his was increased. Might it not afford a little pocket money to someone to

DAME DURDEN.

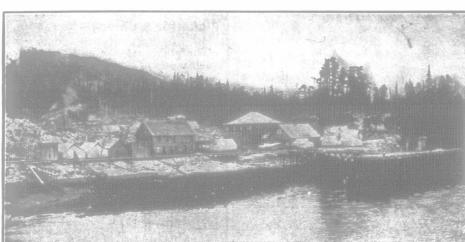
AN IDEA FOR YORKSHIREMAN.

pieces of boiling meat and cut up fine; fragrance. I may not live to see them

bottom compartment on one side put a hole in them. I was told this the other little shelves for holding tin cans and day as a sure cure and thought it MOTHER OF SIX.

MORE GARDEN PLANS.

Dear Dame Durden:—I had a pleasant surprise from a bachelor last week I had been intending to send for rhubarb roots, but dreaded the trouble their delivery would occasion. We live so far out, and the roads are simply work basket and stocking bag in not embrace him, but my gratitude er the lower half of the book-case. a little pocket money to someone to There are numerous other things plant the seed, as this man did, and to be done with boxes, but I'm taking sell the roots for 20 cents apiece? I was up too much space, and would like to glad to get them at that price near at hear from some of the rest of you what hand. I shall plant a large number uses you have discovered for these of seeds this year and gladden some newcomer by the gift of a few roots Some of these fine days I shall be out overlooking the planting of my rhubarb roots and thinking kind things about the giver. I have cabbage and Dear Dame Durden:—I am writing about the giver. I have cabbage and tomato seed planted and am going to again to your lively corner. You all try squash and cucumber; also corn seem like old friends to me, for I read and beans. They may be a failure, your letters carefully every week. I wish to thank you and the members for your kindness in sending me so many recipes for lemon cheese. I am taking the liberty of sending two recipes for to raise enough to go all around our "Yorkshireman" if he is fond of Irish stew or soup. For the soup, take breath from Ontario to smell their pieces of boiling meat and cut up fine; fragrance. I may not live to see them add salt and cover with water; let bloom, but they will gladden the heart boil until tender. For Irish stew take of someone else. The snow is melting



PRINCE RUPERT, B. C., TERMINUS OF GRAND TRUNK PACIFIC. This is the beginning of a town in a part of the Dominion of whose resources little is known as yet

lard rubbed into the flour; 2 teaspoons my garden operations. baking powder; and milk or water enough to make a nice dough that will not stick to the fingers. Roll out thin, cut into small pieces and add to the mean and small coming this way, but stew about five minutes before taking I think you can help me out of a diffifrom the fire. When done pour it culty, and perhaps help some others boiling hot into glass sealers that have at the same time. been warmed, and seal up tight at once. Be sure the glass tops and that they use in England (you know rubber rings are in good condition. the stuff; it will only last about two You may also put away fruits by the or three days) is equivalent to a yeast same method, always being sure that cake of ordinary size? I want it to make always seal tightly.

corn, peas, beans or tomatoes; put in cold bruised ginger; 2½ pounds sugar, water and wash them nice and clean; (loaf preferably), ½ ounce cream of then put into a large granite kettle and tartar. Pour over 2½ gallons of boil-Be sure the sealers, rings and glass tops in two days. are all in good condition. You can finish noiling the vegetables when you (I do not know what amount of want to eat them. They then seem fresher, yeast cake you would have to use A and way to keep hens from eating instead of the other variety. Perhaps eggs around, but cannot pick Come any time. -D. D.

into small pieces. Cover with cold a small river just a short way from our water; add a little salt and pepper; and door. I can hear its pleasant murwhen nearly cooked put in small slices mur where I sit. It is lovely to look of potatoes and onions. Add dumplings, upon; it is so busy and happy. Should too, if you care for them; 2 cups it interest the Ingle Nook I will let flour; I large tablespoon of butter or you know of my failure or success in

A QUESTION OF YEAST.

Dear Dame Durden:-I feel awfully

How much of the putty-like yeast it is boiling when put in the sealers and up the following recipe for "Pop, which I think is quite innocent:-May I tell "Athreb" a way to keep her Put the thinly peeled rinds of four vegetables from going sour? Take lemons in a large crock with 2 ounces just cover with water. Add salt and ing water and when warm add 2 tablelet boil just a few moments and then spoonsful of yeast (the putty kind in seal up tight, the same way as for the question). Stir and let stand till next stew or soup. Done this way there day. Skin the yeast off the top, pour is no danger of their spoiling. I have the liquid off without disturbing the trici it for years and always had success. sediment and bottle. It will be ready

eggs is to touch a match to the some of our members who have used the upper bill. A little ball will both kinds can tell us. You needn't in the end of the beak. She can have those sad feelings any more

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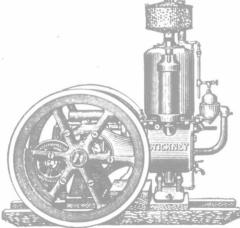
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LEMON CURD.

Dear Dame Durden.-I saw in the FARMER'S ADVOCATE someone was asking for a lemon cheese recipe. 1 have got one for lemon curd, that someone may like to have.

Lemon Curd.—Take one quart of milk and let it just come to a boil. Then add one cuptul of buttermilk and let it simmer a few minutes. Take out the curd and strain the whey from it. When that gets cold heat one or two eggs well; add the eggs to the curd and also one half cupful of sugar, juice of half a lemon, little nutmeg grated and a few currants. Mix altogether and this will make filling for two pies. Make a good pie crust, but just the bottom crust is needed.

LEEDS YORKSHIRE LASS. (We shall be glad to have other recipes from you. I left out the first one you gave, because it has been given several times, but the lemon curd is

new.—D. D.). KEEPING AHEAD OF THE WEEDS.

Dear Dame Durden:-I am just running in a moment to give a suggestion to the garden-makers or promotors who may come against the stone wall of "no time." It is this. Try planting the garden in rows far enough apart to allow of horse cultivation. If taken in time when the first weeds appear and continued at proper intervals (once a week) it saves untold worry and work. And often a horse and big boy can be got for an hour or two or the man won't mind a little extra work after supper.

I pity from the bottom of my heart

the woman who has to live with the kind of farmer "B. S." describes. Don't you think it is more the man than the farmer. Though I do believe a man has more scope for being either good or bad, tyrannical or pleasant, on a farm than anywhere else in the

But to come back to the garden. It is a very real feeling on the farmer's part that he can't spare time for a garden. The way people have to hurry in the West leaves very little time to breathe and eat, let alone anything else. But at the same time all hands should turn in and do what is possible. And as I said before, a garden planted in rows three or four feet apart to allow of a horse cultivating it, saves much valuable time.

I must go, I really oughtn't to have dropped in, for the bread is'nt baked yet, but I wanted to contribute my mite towards helping someone with

garden this spring.
HELMET OF RESOLUTION.

ANYONE FROM SUFFOLK?

Dear Dame Durden much help from the Ingle Nook that when I read your request for lemon preserve for cheese cakes I felt obliged to do my share. I enjoy reading the chatterer's letters and whoever sent the "quick yeast" recipe about three vears ago I am sure would be pleased if she knew the boon it has been to me. Although she said freezing would spoil it, I find it doesn't hurt it in the least, and everything freezes in our house at night, so am not able to set bread

overnight. There seem to be quite a few Lancashire lasses writing to you, but I never hear of a Suffolk girl in this country. As I am a native of Suffolk (Mawther) myself I should be interested to know if there is another among your many readers.

I am looking forward to your furnishing talk and hope you will tell us how to make some tough things out of boxes, etc., as the dollars are mighty scarce with us new settlers.

SUFFOLKITE. (Your idea about using the boxes was such a good one that I went to work at it at once, I hope you will be able to use some of the suggestions, and perhaps others will find the it useful too.-D. D.

ENGLISH MUN THE COME WANTED.

Dear Dame I) troubling you by Nook. I enjoy re much every week.



Are You The Man?

For an Ideal Home in the glorious **KOOTENAY FRUIT LAND**

Have you been dreaming of a home in an environment where you could live by the way as you journey through life? Let your dream come true.

The Opportunity

The famous Cold Spring Ranch, the most extensive improved property in the Kootenay, is now being subdivided. It is on farfamed Kootenay Lake, eighteen miles from Nelson, the capital of the Kootenay, on a Canadian Pacific transcontinental route; rail and water transportation at the door. Wild land, cleared land, orchard land from which to choose. Any size lot from three acres up. Abundance of water-springs and running streams. Prices average about \$100.00 per acre. Easy terms. Orchards will net \$200 to \$500 an acre within three years. No worry from coal strikes—unlimited supply of wood. A big income from vegetables and berries while the orchards are growing. Poultry, too—eggs 75c. a dozen in Nelson.

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Cold Spring Ranch makes a splendid location for a colony or neighborhood group. The ranch home is the most comfortable, convenient and modern farm home in the Kootenays. Piped with spring water, good plumbing, large rooms, wide verandas. It has a sightly location overlooking Kootenay Lake. Trains stop at the gate and steamboats land right in front of the house. Large greenhouses. Plenty of water for forcing vegetables.

A group of friends or associates, religious or otherwise, would find this property ideal for a home.

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is claimed for the Kootenay country of British Columbia. Just winter enough for a tonic and to give quality to fruit. Just altitude enough to escape excessive moisture. Warm summer days, cool nights. sandstorms, no cyclones or terrifying thunder storms. Grand mountain lake scenery. Freedom from fruit pests. Irrigation unnecessary.

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Ginseng. Another is making hundreds of dollars per year growing Mash ooms in an ordinary cellar. Others are making big money growing Golden Seal and other medicinal plants, of which the wild supply other medicinal plants, of which the wild supply is fast becoming extinct and prices rapidly advancing. OU CAN DO THE SAME. Our new monthly magazine, PROFITABLE HOME LNDUSTRIES, tells you all about it; full details; letters from successful people. If you want to make money, write us to day. Price \$1.00 per year, 3 months trial 25 cs, sample copy 10 c. Address:

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could give me a good recipe for English muffins, the kind we used to toast before

butter. I am sending a recipe for cake that I think "Todling" and the others will like. In spite of its name there is no

French Coffee Cake.—Cream together quarter pound of butter and half a pound of sugar. Add half a cup of weet milk, 1 egg well beaten, 112 cups of flour, I teaspoon baking powder and the desired flavoring. Bake in a moderate oven.

I have quite a number of other recipes. May I come again?

NORTHUMBERLAND. (Here is one recipe for muffins, but whether it is of English brand I do not know. Take 2 level cups of flour; ½ teaspoon salt; 2 eggs; 3½ level teaspoons baking-powder; 2 tablespoons melted butter; I cup milk. Mix dry ingredients together. Mix all wet materials in a separate dish. Add wet to dry. Add melted butter last of all. Bake in a hot oven from fifteen to twenty minutes.—D. D.)

SORRY FOR LONESOME.

Dear Dame Durden:-I have been a silent reader of the Ingle Nook for some time, but must come at last thanking you for the help it has been to me, and to bother you for that bread recipe which so many are praising. I am greatly pleased with the Ingle Nook and would not like to be without it. I reel sorry for "Lonesome" it he tries to live on those sour-dough sinkers of which he speaks. I should advise him to try living on something with a little less weight in it. I was much pleased to read the letter written by "B. S." on the tarm garden, for I think it is a thing much needed. Working in the garden is just what suits me, and I would not be without one if I possibly could help it. I think that a garden is a person's chief living. Well, I must not stay too long or you will not want me to come again. I will close by sending a couple of recipes which I hope will be of use to

Drop Cookies.—Cream 1 cup of butter and if cups of sugar together. To it add 4 well-beaten eggs; I teaspoon of soda dissolved in 4 tablespoons of sweet milk; ½ nutmeg; 4 cuptuls of flour in which have been sifted 2 teaspoons of cream of tartar. Drop from a spoon on a buttered pan; place three or four raisins on each cookie, and bake in a quick oven.

Cake.—One cup of sugar; 3 eggs; a piece of butter the size of an egg; 4 ablespoons of baking syrup; ½ cup of sour milk; I teaspoon each of nutmeg, cinnamon and cloves; 3 of a cup of raisins; i teaspoon each baking pow ler and soda. Dissolve the soda in a little make rather a thick batter. Bake in layers.

(We are glad that your silence is broken at last, and hope that it never will be mended. Did you notice that I dropped your pen-name? "Morning was chosen by one of our members a long time ago. She has not wilten lately, but perhaps we shall hear from her now that she has been in danger of losing her name. Will you choose another and let me know? The directions for that popular bread are as follows:

The Yeast.—Six potatoes peeled and boiled, then mashed without straining. Put one cup of flour in a bowl, mixing to a smooth paste with a little cold water; then stir in a pint of boiling water, until the mixture is like starch. Add the potatoes, a cup of sugar and a HALF AN ACRE handful of salt and let cool until lukewarm. Then add two yeast cakes which have been soaked. This y ast should stand three days before using, but will keep indefinitely and a new supply can be made from a cup of the yeast instead of using yeast cakes every time. To make the bread allow 3 cups of the yeast to 4 loaves of bread. To the 3 cups add a quart of water and a little salt; then mix in flour until stiff. Let rise in a warm place for two hours. Shape in loaves, place in bread pans and let rise again for an hour and a half or two hours. Bake in a moderate oven. Bread mixed in this way at eight in the morning will be baked before two.—D. D.)

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We have prepared some interesting paint information in booklet form, and will be pleased to mail same on request. When writing ask for Booklet No. 7.

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Never Saw Better Skimming Than was done by the

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This is the verdict of the experts engaged by the Crescent Creamery Co.,



Winnipeg, Man., Apr. 20th, 1907. The Petrie Mfg. Co. Limited, Winnipeg, Man. Gentlemen.

I have this day made two tests from the MAGNET Cream Separator No. 1.

Test No. 1. Per cent.
of fat in milk 3 to 4 Temp. 85
" " cream 23%
" " skim milk ½ space in skim milk bottle

Test No. 2. Per cent. of fat in cream 33%

of fat in cream 33%

"I skim milk { space.}

I find the MAGNET as close a skimmer as any separator I have tested, also find it easy to turn. Yours truly,

Fred. Lutely,
Milk and Cream Tester
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The test shows only about 3 ounces Butter-fat left in a ton of milk. This shows the wonderful perfection attained by the MAGNET.

No special machine was

MAGNET.

No special machine was built for this test. It was made with the regular and only machine that we make. Fvery buyer of a MAGNET Separator gets one that will do as good work as the one tested at the Creamery. Note the remarks about easy turning? on these two points the MAGNET has no edual viz:-

turning? on these two point MAGNET has no equal viz:-Close skimming and Easy Turning.
Add to these great points the square gear, double support to the bowl with one piece cimmer, so easily cleaned.
These five points are only found in the MAGNET, which places it in a class by itself. Write for our 1907 Catalogue.

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is the simple labor-saving, money-making, comfort-giving solution of the dairy problem in the Province of Manitoba.

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You are paid by express orders twice in each month—on the 1st and 15th.

No loss, no inconvenience.

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WRITE ABOUT IT TO-DAY

National Greamery & Produce Co.,

Winnipeg, Man.

Limited.

Household Sanitation.

BY MARY E. ALLEN-DAVIDSON M.D. CHAPTER IV. (Continued from page 661.)

our sleeping rooms, children, even a greater proportion of their time. Because the vitality of the body is low at night. Every organ is relaxed and often extreme weariness is present. Because the resisting power against disease is lessened. Because we are helpless during sleep, inert, do not move from place to plac, so as to change faulty conditions or impure air. Because the body, to be hand hy, must have health-giving sleep, must be rested, refreshed and re-invigorated for the new day's work; and this is impossible

tilated sleeping room. Mothers who are extremely careful of their children in other ways will crowd several of them into a small the discussion of the "Distribution room, carefully close every window, of Wealth," but from the essays sent perhaps the door, and leave them to breathe over and over again the poisonous exhalations from their own lungs, also the odors and organic particles from their bodies. Is it any wonder that they toss, grit their teeth, cry out and spend the whole night in a fitful slumber and at last wake up irritable, limp and unrefreshed, without a healthy appetite for breakfast? also that they contract coughs, colds, bronchitis and other throat troubles so readily? It is now conceded that consumption is caused largely through lack of plenty of pure air, and this occurs mostly at perhaps the door, and leave them to in we have selected the two that seem breathe over and over again the poison- to us the best for reproduction in these caused largely through lack of plenty of of Mr. Campbell's speech on Agripure air, and this occurs mostly at cultural Economics, our boasted civcaused largely through lack of plenty of pure air, and this occurs mostly at night, by breathing air that is contaminated by the respiration and transpiration of human beings. There is always an army of tubercle bacilli encamped around us ready to storm the breaches. If the resisting power is normal, they are thrown out or destroyed. Our numberless vigilant body-guard of "little corporals" the leucocytes or white corpuscles, patrol all the liquid highways of our body; in the minutest blood-vessel there they are guarding the gateways of life and destroying or throwing out every microbic enemy. If these corpuscles are well nourished by pure blood their work is always well done. But if the blood be poisoned its food value is lessened, it loses its tonic and recuperative life-giving properties. The tissues are starved and poisoned, the resisting power is lessened and consumption gets a hold on the weakened system. To foul air, darkness and dampness the great white plague owes its power. We have all gone into bedrooms especially where several occupied the same room where gone into bedrooms especially where from hard toil, but I fear we have been several occupied the same room where the air was so fetid as to cause nausea after coming from the pure outside air. anyone would desire to move civilization See to it that a free access of pure air back so years. But, by the same token, is secured to your sleeping rooms day I am bound to say that the average and night. Use the ventilating board, farmer was better off morally and previously described. Do not close the financially, although perhaps not intelwindows except to prevent direct drafts. lectually, than he is to-day Moderately cold air is good for the lungs, as it expands in the air cells by being heated to the body temperature and so causes expanding and contracting movements, that tone up the cells and aid them in their work of throwing off waste material and taking in food-the purifying oxygen.

Every morning the bed coverings should be removed—not just thrown back, all blinds sent to the top, every window and door opened and the room thoroughly windswept. Shake your coverings and leave them in the sun and wind.

The bedroom should be used only as a sleeping room. No clothing should be hung on the walls, no trunks or boxes stored in it.

Never use the same underwear at right that is worn during the day. Put your day clothes where they can be aired before morning not in a heap beside your bed. Hang the night dresses in the air and sunlight, while the bed clothes are airing. When doing in the room don't roll the night dres a bundle and shove them pillows or under the spir up in an airy cl closet doors shut ventilator in the haven't one, han bed where they car air currents. Empty slops as This should be done

breakfast, as the foul the air. Be sure to wash out and dry with a cloth kept for this purpose. Wash cloth and kept for this puriose. Wash cloth and hang outside when through. Drop a little carbolic and in your slop pail after emptying the slops. Pour in boiling water cover and let stand for a while: then empty and leave outside in sun-light. This will keep slop pail that it will be clean and not a source of contamination. Never leave slop pails standing, but empty at once and never keep them in the house when not in use. Don't be in a hurry to make up the

beds. Give them plenty of time to air. Carry bedding outside frequently for a good freshening up.

The next and last talk will be on food contamination and personal clean-lines.

in a close, stuffy, over-crowded, unven- PRIZE ESSAYS FOR THE LAST COMPETITION.

Not so large a number took part in the discussion of the "Distribution"



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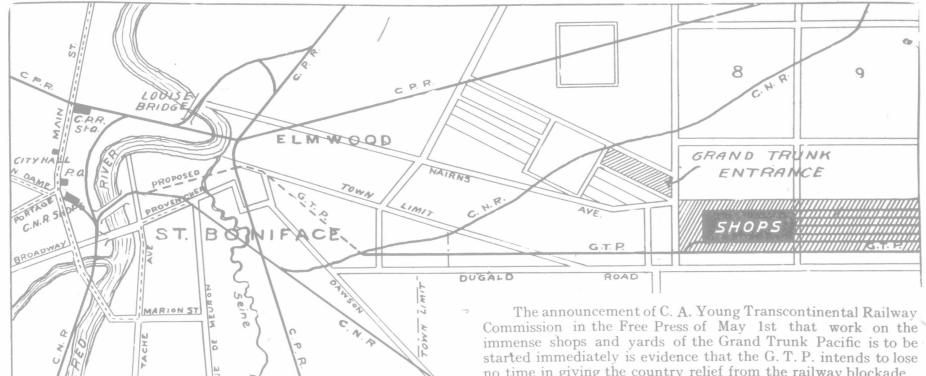
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GRAND TRUNK ENTRANCE



immense shops and yards of the Grand Trunk Pacific is to be started immediately is evidence that the G. T. P. intends to lose no time in giving the country relief from the railway blockade. It also means that Real Estate in close proximity to these

mammoth works will continue very active, and investors buying now will reap a rich harvest in the near future.

Grand Trunk Entrance is adjoining both the shop site and the main road to the city along which the street car will be extended in the near future. The property is high and dry, with wide streets and lanes, and is in every way suitable as a home site for the hundreds of men that will be employed by the railway.

Investors in lots similarly located to the C. P. R. shops are now finding a ready sale at \$350 to \$400; they bought from us two years ago at \$125 to \$150. There is every indication that lots in Grand Trunk Entrance will make as much money for investors during the next two years.

MESSRS. STANBRIDGE REALTY CO.

Gentlemen,-Send me plan and full information of your G. T. E. property without delay. Name

Prices: \$125 to \$150. Terms: \$10 cash and \$5 per month, or \$25 cash, balance \$25 every 6 months. Write us to-day for plans and full information.

Stanbridge Realty Co., 247 Notre Dame Ave., Winnings

Winnipeg, Man.

agricultural slate, and its place taken countries when the farms and gardens in favor of the farmer: It is well known use instead of retrograding. Our syscountry in the hands of a few people. So before you can bring about any deepseated reform in your business methods, you must find some way to counteract the forces which stimulate the evils sake may be termed middlemen.

Address

as he goes along; second, to lay by the farmer awakes from his self-

many of the boys and girls to leave admit that the tarmer should be in the farms for the towns and cities. a position to return something annually He says: "I would advise that this to the soil. There is no reason why favorite topic of keeping the boys and a farm should wear out if it is given a girls on the farm be wiped off the fair show. Go to the crowded foreign by: 'Keep the wealth and produce have been worked for centuries, and on the tarm.'' There is this to be said you will find they have improved with that in past times the cities have always tem of farming is wasteful; we are been regenerated by new blood from actually robbing the soil because we are the country. The more sophisticated not able to return to it those elements communities ate of the tree of know- which serve as plant food and nourishledge, and they became corrupt, but | ment for bacteria, which in turn convey society as a whole was purified and food to the plants. We now have saved by the constant inflow of fresh come to the point where the question vigor and life from the ranks of inno-cence and simplicity. It is idle to you going to do about it?" What are attempt to stop this movement, and he who preaches against it draws but a meagre audience. Regarding the latter quotation as to how to keep the rather sceptical regarding the usefulness the wealth on the farm, it opens up a wide field for thought. To my mind the real trouble is that the farmer has been dwarfed as a result of the concentration of the business of the appropriate the farmer will be a few forms of the deal with a deliberate united action all armores. There should be deliberate united action all along the line if any lasting reform is to be brought about. Mr. Campbell appears to go for government ownership of utilities. Of course he has not said aimed at. Statistics prove that the that, but reading between the lines I take farmers are only able to retain for their that to be his meaning. There may be own use one-sixth of all the wealth they something in it and it might be worth create; the other five-sixths are absorbed a trial. At present we have a certain by various bodies which for brevity's amount of government control which cannot be said to be any great success. I think it will be admitted by any Under government ownership the quesreasonable thinking person that the amount coming to the farmer out of the proceeds of his labor is not sufficent to meet his demands, and to say the least is not a fair division of world. Event have fostered the idea that the is not a fair division of wealth. Every farmer's troubles are political, and thinking farmer has three objects in can be got rid of by political action. I 27 Richmond St., Toronto. view: First, to be able to pay his way think it will be a step in advance when the farmer awakes from his self-complacent dream. It was an unlucky day for temperance when it was made an issue in party politics. That cause has not made so much headway as should have done under politics; nor as much as it would have done under politics; nor as much as it would have done under politics; nor as much as it would have done under ticking." Pyker—"Marvellous! My watch is six blocks away, but I have a purely moral and social movement.

Mr. Campbell's views are probably foot''; lastly, to keep up the fertility | The policy of the politicians towards correct in relation to the tendency of his land. I think most readers will temperance has been one of compromise -neither one thing nor another-and the results have been full of bitterness

for all concerned A. W. McClure. (Mr. Armstrong's paper will be given next week.)

Book Reviews

A neat, medium-sized book of sixty pages, containing short sentence facts about Canada has been published by the Canadian Facts Publishing Co. of Toronto, and is being widely distributed. It is a useful and interesting compilation for business men and municipal corporations. Its price is

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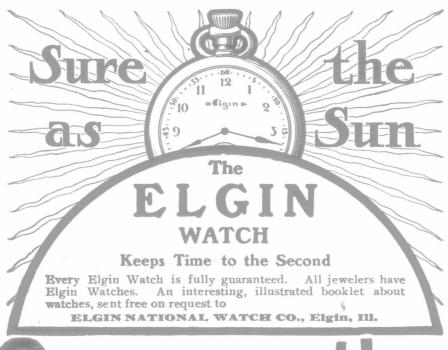
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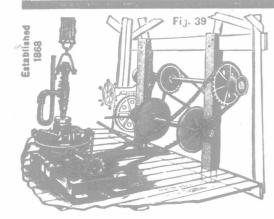
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CHILDREN'S CORNER

TWO NICE PONIES.

Dear Cousin Dorothy: - I am writing

EITY GRIFFITHS.

A WORD WITH THE MEMBERS.

Dear Boys and Girls:-Are some of you who wrote letters for the Children's Corner getting tired of waiting to see them appear? Don't get too impatient for they are all coming every one, just as fast as there is room for them. But because there are so many we are going to have a new rule. The first letter that any member writes will be printed whether it is long or short, interesting or uninteresting. But if the second letter is not so good as the the New Year by going to school. We first, or tells the same things over again, have a new teacher and I like him, it will stand a pretty good chance of and like to go to school. We have visiting that place you all dread—the lots of snow here now. On our last waste paper basket. Don't you think day of school we had a nice Chirstmas that is fair? tree. We all spoke pieces; that is,

This year in your letters will you tell me. He left me lots or things on the me if you can how your nearest town tree. I counted all the letters in the got its name? Some of those with list of childrens' names and there were peculiar names must have a little 416 writing at that time. story connected with them and I My tather has some nice last year's For instance there is a story about general purpose, and first prize for Qu'Appelle that I am sure someone best out of a bunch of Clydes, and

CLEVER FINGERS.

grandmother's now. Grandpa takes by Mr. McN— of Carrot River. She the Advocate. I like to read the drove the same horse in the buggy, Children's Corner. I am seven and have a little sister that is four. Grandpa gave us a big collie dog and harness and a toboggan We have lots of fun riding. Grandma gave us two kittens. We named them Jack and Jill. Mamma has a homestead close to little Manitou Lake. We have an organ and a piano. I can play several pieces and like to draw and embroider. draw my own designs for doylies. should like to have Fiona A. Scott's address. Do you think she would write to me?

THELMA E. CHAMBERLAIN. (7) Manitoba. (b)

A CONTENTED LASSIE.

one too. I have a lovely pair of pigeons fish and go boating. There are berries that my brother gave me. I have a or all kinds here, so we get plenty to Her name is Della Violet. I love to go hunting and trapping and we gengo to school. I also love my teacher, erally have about a month of glare ice Old Santa Claus was good to me at so we get real good skating. Our Christmas, and I hope he was good to tarm is situated on the south shore all the little girls and boys that write of Lake Nipissing, which is ninety to Cousin Dorothy

SARAH ROSE BOYSON. (9) in some places Alberta. (a)

A LITTLE HOUSEKEEPER.

a farm eight miles north and one and a half miles west of Deloraine. Papa owns a half section of land here. We have nine work horses and two colts twelve head of cattle and one cat and two dogs. We have two little calves.

and we call them Mary Jane and Inez Boomhower's letter and thought
Buster. We call the cat Tom and the it was very nice for so young a scholar. dogs Jip and Collie.

I am fourteen years old and am winter as my mamma, papa and little brother went to thinker.

Manitoba. (a)

ANOTHER VISITOR.

My Dear Cousin Dorothy:-One day my first letter to the Children's Corner as I was over at my friend's house We get the FARMER'S ADVOCATE at happened to pick up the FARMER'S our home every week. I have two Advocate, and looking through it I sisters and one brother. My brother came across the Children's Corner. So and I ride five miles to school. We when I went home I thought I would have two nice ponies, Pat and Whitey. write a letter to you too. I have six I am in the part second and I am sisters, three older and three younger eleven years old than myself. I have two brothers, one of whom has been on a mission. But he is now working in Butte, Montana. I go to school and like it fine. My teacher's name is Mr. B-. He is the principal. There isn't any school just now on account of small pox. It has been very cold weather here, but is now getting very sloppy.

Alberta. (a)

KEEP GOOD HORSES.

EMMA BOYSON. (11)

Dear Cousin Dorothy:-We started Some of you last year gave me the school children and teacher. There a good deal of information about the was a large crowd at it. I recited wild flowers of your neighborhood, three pieces. Santa Claus didn't torget

should very much like to know it. colts. One of them took first prize for could tell me. Will you do this to sweepstake over all classes of colts of the same age. The colt's mother took first prize, and another mare took second for brood mares. My mother rides horseback at the show every Dear Cousin Dorothy:—We are at best lady rider and special prize given tall. Last year she took first prize as single, and took first prize as best lady's turn-out. Our hens are laying four and five eggs a day. We have two little pigs three days old. have them in the hen house and I keep on a fire to keep them warm.

GEORGE WILFORD TAYLOR. (11) Saskatchewan. (b)

A SPLENDID PLACE TO LIVE.

Dear Cousin Dorothy: - I am very much pleased with the result of my first letter, for I have made the acquaintance of a friend out in Alberta, and am expecting another letter from Bessie Peters. I shall be pleased to hear from her at any time. We have Dear Cousin Dorothy: Seeing all one horse, three head of cattle, two the lovely little letters in the FARMER'S pigs and a few chickens. I have lots ADVOCATE, I thought I would write of tun here in the summer. I catch sweet little baby sister aged three years. preserve for winter use. In winter I miles long and about forty miles wide

Belle Sweeting. (12)

Ontario. (a)

(I had your name correctly in my Dear Cousin Dorothy:—We live on book, but in spite of that it got wrong farm eight miles north and one and in the paper. I'm sorry.—C. D.)

WISHES US HEALTH AND HAPPINESS.

I have five cats, and two dogs for pets I am fourteen years old and am I have a pony named Laddie which I keeping house for no brother this ride three and a half miles to school. My mother has taken the ADVOCATE brother went to Charles for a visit. I as long as I can remember, and we cannot tell years sent about our school think it is a splendid paper. I will teacher. She boards with its, we all the read the Children's Corner you see I am not all alone.

Manitoba (a)

CARRIE OSBORNE. (12)

CARRIE OSBORNE. (12)

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BOYSON. (11)

RSES. -We started school. We l like him, ol. We have On our last ice Chirstmas ces; that is, tcher. There I recited didn't torget

things on the

letters in the

nd there were ce last year's first prize for st prize for Clydes, and s of colts of mother took mare took My mother show every

first prize as l prize given River. She the buggy, prize as best is are laying ys old. We e and I keep

AYLOR. (11)

TO LIVE.

-I am very esult of my Alberta, and letter from e pleased to We have cattle, two I have lots er. I catch e are berries et plenty to In winter I ind we genof glare ice tating. Our south shore is ninety miles wide

ETING. (12)

ectly in my t got wrong D.)

I AND

was reading ig a scholar. ogs for pets die which I s to school. ADVOCATE er, and we per. I will prothy and

en's Corner IORNE. (12) MAY 8, 1907.

PRINCE--A WOMAN-HATER.

Dear Cousin Dorothy: - My brother has a camera. He has taken some of the cattle's photos, and on Christmas Day he took the Christmas cactus. It's a beauty. He is quite an artist and can draw anything he sees. He has a great liking for horses, and has trained his team so that they will follow him anywhere. Their names are Prince and Tom. Prince does not like any one with skirts on and one day my brother went into the house to get his overcoat and left them standing outside. My mother went up to them; Prince snorted and away they went. The more she said "whoa" the harder they galloped away over the wire fence, but they never hurt themselves. Prince always shies when he comes near the house.

CLARENCE OLIVER MANSFIELD. (12) Manitoba. (b)

A DOG FOR A DRIVER.

Dear Cousin Dorothy:-I have three sisters and three brothers. We all go to school in the sleigh. I am thirteen ears old and in the fourth reader. There are about seventeen scholars going to our school, which is two miles from our house. We have eight horses and one colt, seven cows, about sixty hens and five pigs. We have only one cow milking. My pets are two dogs and one cat. The dogs names are Collie and Billy; the cat's name is Tabby. My sisters and I hitch Collie in the hand sleigh and ride after him.

BEULAH L. MAINS. Manitoba. (b)

SCHOOL BEGAN IN MARCH.

Dear Cousin Dorothy: - We live on a farm four miles west of Craik. Papa has got a farm of three hundred and twenty acres. We have got four horses whose names are, Prince, Billy, Fanny and Willie, and we have got fourteen head of cattle. There was no school here in the winter because it was too cold, but it began the first of March. There has been nice weather for about two days here and the snow has been melting.

Albert Moe. (13)
Saskatchewan. (c)

FA GOOD CHECKER BOARD.

Dear Cousin Dorothy: -As I have never written before I will do my best. The school was closed on account of the weather being so cold last winter. At first I thought time would seem so very long on account of not going to school, but it seemed to have gone before I knew it. I made a nice red scarf for myself, and worked some lace for a yoke and cuffs to wear over a white dress. We made a checkerboard. First we took some cardboard and marked it in squares, and then I colored every other one. Papa sawed some pink spools in two and as many more black ones-they were the men. It makes a fine checker-board, just as good as any one would want. I have made a mat. At first I could not do it very well, but after a while I got to do it better and better. I wanted to do the first part over again, but mamma told me to leave it, that I could put it in my own room and when I would see it, I would remember that practice makes perfect. I have one sister named Ruby. She was seven on the eighteenth of February. We have two pet cats. One is black and white, the other a pretty black. The black and white one's name is Kitty, the black one's, Tommy.
ETHEL DOWNHAM. (10)

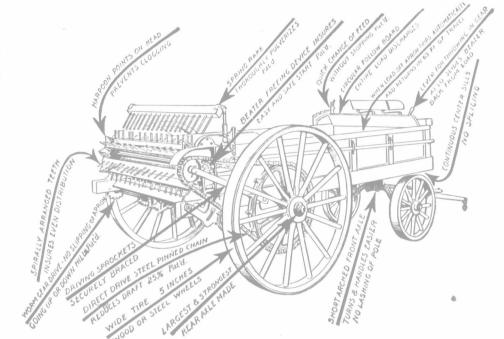
Saskatchewan. (a)

THE RABBITS DIED.

Dear Cousin Dorothy:—I go to school every day. My teacher's name is Miss L—. I like her very much. We have church and Sunday school every Sunday. My brother keeps a general store and also the post office. I had some pet rabbits but they all died last fall. We live three miles from Chain Lake. I like to fish there in summer and gather berries along the banks. But this winter we have a lot of snow and it is very cold. I would like to correspond with some of the members. SOLON HEATH.

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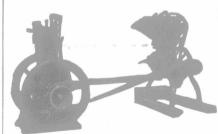
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DEAN SWIFT,

oost office. always read the letters of the C. C. We have a beautiful lake, nearly three miles long and seventy feet deep. The G. T. P. have been grading it nearly all winter. We have two dear little ponies. One is just a year old. His name is Dean Swift. Dean, as we call him, was so small that my, brother, who is thirteen, could carry him. Now he is nearly as large as his mother, who is eleven and a half hands.

and the steam boats in which the horse was all foam and we were very passengers go to Peachland and Sumhot. When we got to Holland station merland. Mamma and I are going to it was half past five o'clock.

Minneapolis next summer and if we It was half past six when my brother call and see you.

Saskatchewan. (a) A. L.

PLEASANT RANGE SCHOOL.

lar attendance for the fall term at there to take us home. of our school, which is on the end of his here. land. We call the school Pleasant Range and our ranch is called Pleasant

Edith Marion Jones. (9) Alberta. (b)

THE OWNER OF A NUGGET.

verse

"He prayeth well, who loveth well Both man and bird and beast. He prayeth best who loveth best All things both great and small; For the dear God who loveth us,

FROM EAST TO WEST.

of our trip from Berlin to Carstairs. My brothers Harold and Allen and We had a fine time. We were on the train ten days and when the time came to arswer them. The first one is a and I had lets of them. We were always and the second one your together. At We had a morning to a letter to the train ten days and the second one your together. At We had a morning to the morning to the letter to the first one is a second one your together. in the morning night. We got and playe and all the

music. One night when the train Dear Cousin Dorothy:—We have the folks went off and caught some gophers When the mail comes and showed them to us. That was first, and am always sorry when I have read them all. Mamma and I came out to our ranch in May, but papa on the way. Some wanted to sell beads, on the way. Some wanted to sell beads, kept two men on it about a year before, building. Our ranch is very pretty.

nearly all our freinds were at the stanearly all our freinds were at tion to meet us. It was about twelve o'clock at night and then we drove five miles to my uncle's place.

DOROTHY V. SHANTZ. (13)

A PLEASANT HOLIDAY.

Dear Cousin Dorothy:-My father takes your paper and we all like it. Last winter mamma and I were out When it comes in I look for the letter to the coast. The scenery was beauti- and story pages. We live on a farm ful. We stopped at Field and at three miles from the town of Swan Glacier. We spent Christmas with Lake. I went to Nesbitt for my last grandma, at Vernon, B. C. Vernon summer holidays with my mother and is a very pretty little city in the Okan- my sister Ruby. We left home at agan Valley. The mountains are very one o'clock and drove about fourteen high; sometimes the peaks can not be miles to the town of Holland. On the seen, as the clouds hang so low. The way we saw hops, cranberries, rasp-29th of last December, I picked butter- berries, and Saskatoons, and the red cups on the sides of the mountains, cherries were beginning to get ripe. When we went up on the mountains Part of the road was bushy and the on clear days we could see Okanagan other part was not. It was a very hot Lake, which is five miles from Vernon, day and though we drove slowly the

stop at Winnipeg I may be able to started for home and eight o'clock when the train left Holland. We were all safe in my sister's house at twenty (I'll be expecting a call from you minutes to ten. It rained the day next summer, so do not forget .- D. D.) after we got there and the day after that Ruby and I walked out to see some of our friends who lived about a mile and a half out of town. We Dear Cousin Dorothy:-I do not all went out there again the next Sunknow if I am a good enough writer as day, after Sunday school. We had yet for it to be put in print as I just a fine though we only stayed a started to go to school a year ago week. The train left Nesbitt at seven last March. But I passed at Christmas o'clock in the morning. We got up at out of the first book into part II. I half past five and when we were puthave one sister going to school every ting on our hats the train came in, but day. She is seven years of age and is in part I. We had a very nice Christmas tree and I got a book called "Black Beauty." My sister got one for regu-My sister got one for regu- eight and about noon my brother got day school. My father has thirty- about an hour after dinner and got six head of cattle and eight horses. I home about five. They started the have two black rabbits, six pigeons binder that afternoon. I go to school and a collie dog called Carlo. My and I am in the third grade. My mother has forty chickens and three teacher's name is Mr. F—They are geese. My father is head trustee putting up a new four-roomed school

GLADYS THOMPSON. (10)

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Tec ret

A KIND AUNT.

Dear Cousin Dorothy:—I think I will introduce myself to you. I read the Children's Dear Cousin Dorothy:—We live four has taken the FARMER'S ADVOCATE miles west of Innisfail. Papa has a for a year or so. My brother has told fine herd of cattle. My sister and I you about the nuggets. I did not get help to milk the cows. There is a creek one, but I got a fine pair of moccasins, for them to drink out of whenever they They are beaded and edged with want to. Papa has a few horses, but unplucked beaver. The squaws in it is hard to believe that two of them will be twenty-six years old in the spring. Papa is very good to horses the Indians around here. Aunt Clara and also to cottle and also to cattle and poultry. It gave me the moccasins that I am tellis nearly two years since my sister and ing you about. She also gave mother I started for school for the first time. a nice pair of gauntlets made by Indians. Have you ever seen a nugget? Papa I baked a chocolate cake the other day and I have one each. Aunt Clara has all by myself and it turned out good. been four years in Alaska and it was I have a set of dishes of my own, and auntie who who gave us the nuggets this also five dolls. I am going to repeat—last fall. "Lord Jesus I love Thee, and I want CHARLES H. CARTER. (10) to love Thee more "as "Hope" has asked (Your letter brings to my mind this the readers of the FARMER'S ADVOCATE to do.

MAY M. CARTER. (12)

CANADA THE BEST.

Dear Cousin Dorothy:-This was the He made and loveth all."—C. D.) coldest winter we have had since we came to Canada. There is no school now, as it is stopped on account of sick-

Dear Cousin Dorothy: -- I will tell you My brothers Harold and Allen and rade the best. I will close with ruple represent?" I would

n the train why the men some gophers. That was saw a gopher, I have caught ot of Indians to sell beads, to Carstairs

e at the staabout twelve en we drove place. SHANTZ. (13)

JDAY.

-My father all like it. for the letter e on a farm wn of Swan for my last mother and ft home at out fourteen nd. On the erries, raspand the red to get ripe. shy and the is a very hot slowly the e were very lland station

lock. my brother ght o'clock 1. We were se at twenty ed the day ie day after out to see lived about town. We ne next Sun-l. We had ly stayed a itt at seven Te got up at e were putame in, but d not far to just in time. little after brother got 'e left there er and got started the

med school MPSON. (10)

go to school grade. My
—.They are

think I will bit. ' Papa ADVOCATE er has told lid not get moccasins, lged with squaws in ide them. work than Aunt Clara I am tellive mother

by Indians. other day out good y own, and to repeatnd I want '' has asked ADVOCATE

ARTER. (12)

iis was the

1 since we no school ant of sick-Allen and

oing-cough. I will try 1 one your me, but I a newly I would

NSEN. (9)

Bob, Son of Battle

(Continued from page 662.)

CHAPTER XXVII.

MAY 8, 1907.

FOR THE DEFENCE. That night a vague story was whispered in the Sylvester Arms. But Tammas, on being interrogated, pursed up his lips and said: "Nay, I'm sworn to say nowt." Which was the old man's way of putting that he knew

On Thursday morning, James Moore and Andrew came down arrayed in all to come and say he's sorry for temptin' their best. It was the day of the

The two, however, were not allowed to start upon their way until they had to do honor to Kenmuir on these until she had converted the ungainly hobbledehoy into a thoroughly "likely young mon."

And all the while she was thinking of that other boy for whom on such gala like children: knives plied, glasses da s she had been wont to perform tinkled, the carvers had all their work, li e offices. And her father, marking only the tongues were at rest. But the tears in her eyes, and mindful of the : quire's mysterious hint, said gently: 'Cheer up, lass. Happen I'll ha'

news for you the night!'

in her heart she doubted. countenance that, a little later, she the sallow face began to flush, and the stood in the door with wee Anne and dim eyes to grow unnaturally bright. Owd Bob and waved the travellers Godspeed; while the golden-haired lassie, fiercely gripping the old dog's silence, and men pushed back their tail with one hand and her sister with chairs. The squire was on his feet to the other, screamed them a wordless make his annual speech.

when the two wayfarers passed through the grey portals of the Manor.

In the stately entrance hall, impos-ing with all the evidences of a long and honorable line, were gathered now the many tenants throughout the wide March Mere Estate. Weather-beaten, rent-paying sons of the soil; most of many tenants throughout the wide received with enthusias M'Adam's cackling laugh heard high above the rest them native-born, many of them like James Moore, whose fathers had for condition of agriculture, the depression ctions owned and farmed the in which he attributed to the land they now leased at the hands of ical Government. He said that now the Sylvesters—there in the old hall with the Conservatives in office, and a they were assembled, a mighty host, ministry composed of "honorable men And apart from the others, standing and gentlemen," he felt convinced that as though in irony beneath the frown things would brighten. The Radicals' of one of those steel-clad warriors who one ambition was to set class against held the door, was little M'Adam, puny class, landlord against tenant. Well, always, paltry now, mocking his man-during the last five hundred years, the

opened, and the squire entered, beam- (laughter and dissent); but he never ing on every one.

James! Good-day, Saunderson! Goodday to you all! Bringin' a friend with tenant of his who was not content (a me—eh,eh!' and he stood aside to let voice, "'Oo says we bain't?")—"thank by his agent, Parson Leggy, and last you, thank you!"—well, there was of all, shy and blushing, a fair-haired room for him outside. (Cheers.) He young giant.

"If it bain't David!" was the cry.

Twas but a simple tale. After his would be. (Loud cheers.) flight on the eventful night he had gone south, drovering. He had written to motto was, "Shun a Radical as you do Maggie, and been surprised and hurt to the devil!"—and he was very glad to receive no reply. In pain he had waited, and, too proud to write again, had remained ignorant of his father's Queen! God bless her!" and—wait recovery, neither caring nor daring to retuin. Then, by mere chance, he had hin his engagement had expired.

lalesmen gathered round the of Kenmuir, rose to answer ening to his tale, and in return

telling him the home news, and chaffing him about Maggie.

Of all the people present, only one seemed unmoved, and that was M'Adams When first David had entered he had started forward, a flush of color warming his thin cheeks; but no one had noticed his emotion; and now, back again beneath his armor, he watched the scene, a sour smile playing about

his lips.
"I think the lad might ha' the grace to murder me. Hooiver''—with a squire's annual dinner to his tenants. characteristic shrug—"I suppore I'm onraisonable.

Then the gong rang out its summons, undergone a critical inspection by and the squire led the way into the Maggie; for the girl liked her mankind great dining-hall. At the one end of the long table, heavy with all the solid occasions. So she brushed up Andrew, delicacies of such a feast, he took his tied his scarf, saw his boots and hands seat with the Master of Kenmuir upon M'Adam a little lost figure in the center.

At first they talked but little, awed the squire's ringing laugh and the parson's cheery tones soon put them at their ease; and a babel of voices rose and waxed.

The girl nodded, and smiled wanly. Of them all, only M'Adam was silent. "Happen so, dad," she said. But He talked to no man, and you may be sure no one talked to him. His hand Nevertheless it was with a cheerful crept oftener to his glass than plate, till

> Toward the end of the meal there was loud tapping on the table, calls for

The sun had reacded its highest Trookly which was to see them how glad he was to see them. He made an' allusion to Owd Bob and the Shepherds' Trophy which was heartily applauded. He touched on the Black Killer, and said he had a remedy to propose: that Th' Owd Un should be set upon the criminals track—a suggestion that was received with enthusiasm, while M'Adam's cackling laugh could be

From that he dwelt upon the existing Sylvesters had rarely been—he was The door at the far end of the hall sorry to have to confess it-good men vet heard of the Sylvester—though he "Here you are—he, eh! How are shouldn't say it—who was a bad land-you all? Glad to see ye! Good-day, lord (loud applause).

This was a free country, and any thanked God from the bottom of his heart that, during the forty years he "Eh, lad, we's fain to see you! And had been responsible for the March yo'm lookin' stout, surely!" And they Mere Estates, there had never been any thronged about the boy, shaking him friction between him and his people by the hand, and asking him his story. (cheers), and he didn't think there ever

"Thank you, thank you!" And his a minute!—with her Majesty's name to couple-he was sure that gracious squire at the York cattle-show; lady would wish it—that of "Owd kind man, who knew his story, Bob o' Kenmuir." Then he sat down romise to return as soon as the abruptly amid thundering applause. The toasts duly honored, James Moore, by prescriptive right as Master

(To be continued.)

NIPEG FAII

July 13th to 20th, 1907

The annual outing for Western Canada's agriculturists.

The display of live stock unexcelled.

Largest prizes ever offered by any Fall Fair for Clydesdales, Heavy and Agricultural teams of horses.

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60 DAYS' FREE TRIAL!

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An EVANS VACUUM CAP will be sent you for sixty days' free trial. If you do not see a gradual development of a new growth of hair, and are not convinced that the Cap will completely restore your hair, you are at liberty to return the Cap with no expense whatever to yourself. It is requested, as an evidence of good faith, that the price of the Cap be deposited with the Chancery Lane Safe Deposit Company of London, the largest financial and business institution of the kind in the world, who will issue a receipt guaranteeing that the money will be returned in full, on demand, without questions or comment, at any time during the trial

The eminent Dr. I. N. LOVE, in his address to the Medical Board on the subject of Alopaecia (loss of hair) stated that if a means could be devised to bring nutrition to the hair follicles (hair roots), without resorting to any irritating process, the problem of hair growth would be solved. Later on, when the EVANS VACUUM CAP was submitted to him for inspection, he remarked that the Cao would fulfil and confirm in practice the observations he had previously made before the Medical Board.

Dr. W. MOORE, referring to the invention, says that the principle upon which the Evans Vacuum Cap is founded is absolutely correct and indisputable. An illustrated and descriptive book of the Evans Vacuum Cap will be sent post free.

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POTATOES FOR SALE—Vicks Early and Six Weeks, two of the best varieties of early potatoes grown. Price \$1.00 per bus., sacks 10c. Also Red Fyfe seed wheat. J. T. McFee, Headingly, Man.

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ON CROP PAYMENTS. 200 deep soil farms for sale on crop payments, these farms are ready for the breaker, and close to Yorkton, Salt-coats, Rokeby and Wallace, Saskatchewan, and Reston, Manitoba; first payment after you sell the first crop. Apply now, James Arm-strong, 4 East Richmond street, Toronto. 22-5

RENT FOR TERM, option of purchase, 489 acres, about 200 cultivated, 100 meadow, rest bluff, and scrub. Creek through center. Brick veneered, twelve roomed house. Good buildings, etc., tennis lawn. Quarter section joining, with shack and stable, creek, 25 acres cultivated, rest meadow and pasture. One mile from Austin, C. P. R. Half mile from G. T. P. Apply, Vavasour, Austin, Manitoba.

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WANTED—Persons to grow mushrooms for us in their own homes. Waste space in cellar, graden or barn can be made earn \$15 to \$25 per week. Send stamp for illustrated booklet and full particulars. Montreal Supply Co., Montreal

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LOST—Sorrel pony mare about 9 years of age: branded H2 over M over Z over G. E. C. Smith, Eye Brow Hill, Sask.

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Breeders name, post-office adress, class of stock kept, will be inserted under this heading at \$4.00 per line per year. Terms cash strictly in advance. No card to be less than two lines or more than three lines.

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A. & J. MORRISON, Glen Ross Farm, Homewood Man., Clydesdales and Shertherns.

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WA-WA-DELL FARM.—Leicester sheep an Shorthorn Cattle. A. I. Mackay, Macdonal Man.

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R. A. & J. A. WATT, Salem, Blora Station, G. and C. l. R. R. — Champion herd at Torcot and New York State fairs, 1995, also Gran Champion females, including both Senior an Junior Honors at both fairs. Write you

BROWNE BROS., Ellisboro, Assa.—Breeders of Polled Angus cattle and Berkshire swine Stock of both for sale.

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BERKSHIRES.—Gold Medal Herd, Neepawa Manitoba. Address, J. A. McGill.

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BELLEVUE HERD of Yorkshires—Boars in service: Oak Lodge Gamester, Summerhill Oak and others. Young stock got by the above boars out of choice sows ready to ship soon. Eight litters to select from, order early. Oliver King, Wawanesa, Man. 5-6

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GOSSIP.

DISPERSION SALE OF SHORTHORNS.

A Shorthorn sale of more than average significance to Western stockmen is that of the herd of A. & G. Mutch to be held at the city amphitheatre, Regina, Sask.. on June 26th. The sale is an unreserved auction of about thirty head and will be conducted by Mr. Geo. Bellows. one of the most successful salesmen in America, to hear whom alone is well worth going many miles and spending some time. Craigie Mains has the enviable reputation of being the home of the largest and most select lot of stock in Canada. The reputation has been built upon square dealing and in always placing stock a little bit better than represented.

The Shorthorn herd has not been long established, but it is found necessary to dispose of it owing to the fact that having sold nearly one half the acreage in Craigie Mains, the stock has to be reduced. The cattle were purchased during the dull days of the trade in Ontario, and notwithstanding that the market for purebreds has not been buoyant in the West, they have proved a profitable investment, and being mostly young cows will be equally as valuable to their future owners.

The foundation stock was mostly secured from the Maple Shade herd of Hon. John Dryden and from Jas. I. Davidson, two herds which have contributed largely to the improvement of cattle in Canada. The families most largely drawn upon were the Brawith Breeds, Canadian Duchesses of Gloster, Victorias, Necklaces, Lavenders, Augustas, etc., all noted breeding tribes, and their representatives at Craigie Mains are big easy-doing, rugged, regular breeders, that give size and flesh to a herd where their blood is introduced.

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We shall have something more to say in future issues regarding the individual merits of the herd and of the stock from which they are descended.

AGRICULTURAL OUTLOOK.

The House of Commons Committee on Agriculture at Ottawa has submitted its final report to Parliament for the session. It states that the average wheat crop in Great Brittain is 30.95 bushels per acre. In Ontario the average of winter wheat is 22.50, and of spring wheat 18.92, showing that we are not in this respect a great way behind the Mother Country. France averages 19.57 bushels, which is under the average yield for Ontario. Manitoba gives about 18.45, the Northwest of Canada, 19.13; while Russia, in Europe, gives an average of 9.05 bushels per acre, and the United States, 13.43. The Argentine Republic gives an average of 14.76 bushels per acre. Australasia, as follows: New South Wales has an average of 9.9 bushels per acre; Victoria, 7.18 bushels; South Australia, 6.62 bushels; West Australia, 11.51, and Queensland, 15.77.

Referring to the dairy industry in Canada, the report says it is in a very prosperous condition. Canadian cheese is now regarded in the British market as second to that of no other country This is largely due to the introduction of cool curing rooms as an adjunct of cheese factories, and the ample provision made for export in cold and

Large quantities of small fruits of the apple orchards are left over the apple orchards are left over annually. These are not marketable owing to size, but they might be profitably manufactured into excellent jam, jellies, etc. It is suggested that cooperation would probably convert what now a loss into a profitable industry.

"A careful survey of the entire field demonstrates that agriculture, the cornerstone of national wealth and power, is in a more prosperous condition at present in Canada than in any other country of the world, while the yet unmeasured territory of rich virgin lands awaits settlement ready to respond bounteously to the industry and intelligence of many millions of willing hands. In a word, Canada is the world's greatest bread field of

ORTHORNS.

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MAY 8, 1907.





If you are interested in Hail Insurance ask our Agent for rates and other particulars. He can tell you what the protection will cost this season. Others can only tell you what it cost last year, and guess at what it may cost this year.

The two Royal Commissions appointed to investigate Hail Insurance in Manitoba (1899 and 1906) had absolutely no complaints against Companies that insure under yearly contracts. Why? They hold their business by treating their patrons right, not by a term contract that it is almost impossible to have cancelled no matter how unsatisfactory it may be.

JOS. CORNELL, MANAGER

THE GLANDERS QUESTION WORTHY OF CAREFUL THOUGHT.

(Continued from page 686.)
THE STAMPING OUT POLICY IS
PROVING SUCCESSFUL.

Although the time which has elapsed since the inauguration of the policy of compensation and slaughter is altogether too short to enable us to form a definite and decided opinion as to its wisdom and probable effectiveness in securing the eradication of glanders, the following figures furnish convincing proof that it has a strong tendency to remove the disinclination generally evinced by owners to report outbreaks of the disease and to permit the slaughter of their horses:

In considering these figures I desire particularly to draw your attention to the large increase, not only in the numbers of those tested and killed as reactors, but of those showing clinical symptoms. These figures turnish incontestable evidence that the present system brings to light a very large number of cases of glanders, which, without provision for payment of compensation, would never have been

reported. Under the conditions formerly existing, there was a fendency on the part of owners, and doubtless of some veterinarians, to avoid trouble and loss by concealing the existence of glanders. Where no compensation is paid many owners, otherwise quite respectable, are undoubtedly in the habit of allowing clinically affected cases to run their course, working them as long as possible, and finally either permitting them to die or having them quietly destroyed; while those less honest or more unprincipled have no hesitation in subjecting them to palliative treatment, with a view to removing or concealing suspicious symptoms, and sub-sequently disposing of them to the best advantage.

It is interesting to note the manner in which the new regulations are eived in different parts of the Do ion. In districts where the disease has prevailed to any considerable extent and where horse owners realize its serious nature and the importance of stamping it out, the new order of things is heartily welcomed. On the other hand, in places where the people are comparatively unfamiliar with glanders, the new regulations are looked upon as unnecessarily severe, and peo-ple complain bitterly that their horses are being slaughtered without good and sufficient reason. The claim is made that our inspectors destroy more horses than the disease itself would ever be likely to kill, the argument being advanced that only a very limited number of horses die from glanders under ordinary conditions, and that the disease seldom or never becomes epizootic.

Facts, however, are entirely against this contention. The figures already quoted from the returns of the Board of Agriculture of Great Britain indicate that, under modern conditions, the disease, unless properly controlled, is certain to spread rapidly and to cause a constantly increasing loss in horse

As an illustration of this, I would quote from our own experience the case of one Canadian lumber company in a remote part of the country which reported last year for the first time the existence of glanders among its horses. Enquiry elicited the fact that in less than four years upwards of fifty head of valuable horses, owned by this company, had died of glanders. Of thirty-six survivors, thirty-four reacted to



APRIL SHOWERS.

THE SHOWERPROOF OVERCOAT is your best friend this month. It will protect you and your clothes and save its cost many times over—if it is a good one.

20th Century Brand Showerproofs

are made in a great variety of thoroughly proofed cloths in plain goods, stripes and checks. Carefully tailored, roomy and stylish. Agents in 250 towns.

-TAILORED BY-

The Lowndes Company, Limited = = Toronto

We Challenge Comparison

There is no Breakfast Food as good as "B & K" OATS. None equal in delicacy of flavor, in purity, in wholesomeness.

Our 25 years' experience in Milling is behind this statement, and our guarantee goes with every sack.

TRADE MARK

B&K

REGISTERED

A High Grade Cereal made from

Selected White Northwest Oats

Your Grocer Sells it or can get it for you Once Used -— Always Used

The Brackman-Ker Milling Co. Ltd.

Calgary, Alberta



SPECIAL STEEL SPECIAL GALVANIZING

ALL No. 9 HARD, STIFF, SPRINGY WIRE

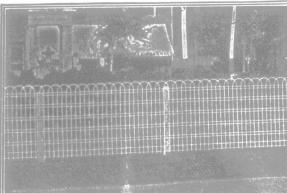
American Woven Wire Fence

Tension Curves prevent stays from slipping.



Hinge joint allows the American to fit the Hills and Hollows.

The Canadian Steel & Wire Co. Limited HAMILTON, CANADA



PAGE ACME White Fences

Any height to 8 ft. Any length you say. From 16 cents a foot. Gates to match, from \$2.25. Last longer. Easy to put up. Get booklet.

PAGE WIRE FENCE CO., Limited Walkerville - Toronto - Montreal St. John - Winnipeg 211

mallein and were destroyed. Of the two remaining, neither had been in contact with the diseased horses.

We have a number of similar cases on record, but it would scarcely be pos sible to furnish a better illustration of the evil results certain to follow carelessness or neglect in dealing with glanders.

In this connection I cannot refrain from quoting an extract from the London Lancet of July 5th, 1905, which, in a review of the Report of the Board

of Agriculture, speaks as follows:
"Glanders is admittedly on the increase, and it is time that some adical measures be taken to control the disease. In 1894 there were only 502 outbreaks reported, but in 1904 these had increased to 1,539, and 2,658 horses were killed as glandered. More power ought certainly to be given to the veterinary inspectors to test the in-contact horses with mallein, as by this agent an almost infallible diagnosis can be made within 24, or at most, 48 hours. The expense, although great the first year, would not be excessive if allowed to spread over a period of years; and where a preventable disease, which also causes the deaths of numbers of human beings each year, is concerned, the cost ought certainly not to be considered too seriously as the reason why it should not be taken thor-

oughly in hand."

It is gratifying to note that the British authorities are being urged to introduce the identical policy which

we have already adopted in Canada.

While dealing with this phase of the subject, I would point out that if the adoption of our system is deemed necessary in a small country like Great Britain, where police and inspection work has been reduced to a science, there can be no doubt of the wisdom of its adoption in the Dominion of of its adoption in the Dominion of Canada, where the distances are magnified and the population, especially in some districts, sparce to a degree, although I am glad to say that the last named condition is being rapidly altered by the constant influx of desirable settlers who are coming from all parts of the world, but perhaps in greatest number from the Western United

In this connection I would say that while we do not think it necessary to test the human immigrants from that country, I think it altogether likely that we shall be compelled, in the near future, to impose this precautionary restriction upon those of the equine species, as the records in our possession indicate that a considerable number of the outbreaks of glanders in Western Canada are due to imported American horses, of which we have for a number of years back been absorbing from wenty-five to thirty thousand per annum.

GOSSIP

MUST BE DOING WINTER FEEDING. Three thousand head of cattle it is

expected will be marketed at Olds within the next three months.

GOOD PRICES FOR SHORTHORNS.

The Meadow Lawn sale of reds, whites and roans, the property of C. E. Clarke, was quite successful, as is seen by the averages. The sale was held at South Omaha. 12 bulls averaged \$302.00; 40 cows averaged \$333.33; 52 head brought 16,958; average 326.00.

SOME EXCHANGES IN STALLIONS.

Pride of Glasnick (imp.) has been old by the Pomeroy syndicate, of which Andrew Graham is the manager, to W. H. Dobson, Virden, Man. This horse has been a very successful stock horse for the past four years in the hands the Pomeroy people and they are determined to replace him with the best that can be got, their experience proving to them that the best pays. The Bayview syndicate have we understand, negotiated the sale of their horse Methuen (imp.) by Mains of Airies, to Fred Sims of Stonewall. Andrew Diam Graham has been commissioned by the Pomerov syndicate of twenty far mers to secure one of the best imported Clydesdale stallions to be had in the East.



WASHES **CLOTHES** IN FIVE **MINUTES**

25 minutes to wash a tubful of 5 minutes to do it better with the

> "New Contury" Washing Machine

There's no rubbing-no keeping the hands in steaming, dirty water. Simply fill the tub half full of hot, soapy water, put in the clothes, turn the handle, and the "NEW CENTURY" does all the

Let us send you a book about this new way to wash clothes. It's free. The Dowswell Mfg. Co., Limited Hamilton, Canada

VIRDEN NURSERIES



200,000

Trees and cuttings, small fruits, shrubs, creepers spruce, apples and crabs.

I have by far the largest stock in the West of these hardy, fast growing Russian poplars and willows; I send everything by express, prepaid so as to arrive in good order. Trees may be returned at my expense if not satisfactory. No agents, no commissions, selling cheap. A postacard will bring you my price list and printer directions.

JOHN CALDWELL, Virden Nurseries VIRDEN, MAN.

Eat in Haste

and repent with acute indigestion, heartburn, hiccoughs or flatulence. Then resolve never again to be without a box of these wonderful digestive correctives.

Beecham's

Sold Everywhere. In boxes

DO YOU KNOW All you should know about Diamond Dyes?

Do you know the real satisfaction of trans-Do you know that you can keep up with the tyles by using the Diamond Dyes?

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waist, skirt, a soiled blouse all articles of dress access-tylish again?

ive since Diamond Dyes change them from desire, then make them over in able style. color curtains, draperies, reps and fact you can color any fabric, and as well yourself with Diamond Dyes could dyer.

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Because You Need The Money It's your business and if you don't attend to it, who will? You cannot afford to keep cowsforfun. That isn't business, and, furthermore, it isn't necessary. There is money in cow keeping if you go at it right, and besides there is more fun in going at it right than there is in staying wrong. You need a Tubular Cream Sepa-tor because it will make money for u; because it saves labor; because saves time; because it means all the difference between cow profits and Cow losses.

Look into this matter; see what a

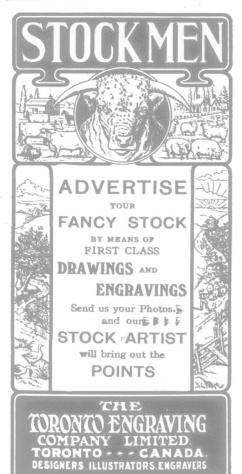
Tubular will de for you and buy one
because you need it.

How would you like our book

"Business Dairying" and our catalog

B. 185 both free. Write for them. The Sharples Separator Co. West Chester, Pa. Chicago, III.

MAY 8, 1907



The great progress of Canada is denoted by the advance in all lines of manufacture. None is more apparent than the success of

Chocolate Cowan's Cocoa

which are now a household word from the Atlantic to the Pacific.

Guaranteed absolutely pure.

The Cowan Co. Ltd. Toronto

The Scottish Farmer says: "Mr. Gilbert, Cochrane, Alberta, sails this week-end with two stallions bought from Mr. D. Riddell, Blackhall, Paisley Gay Stewart, a three-year-old was bred on the farm of the Earl of Wemyss at Longneddry, and is by Gay Everard. out of a Lord Stewart mare, bred at Seaham Harbor. King's Perfection is a two-year-old, also of great promise. He was bred at Blackhall, and is by Mr. Riddell's horse Luffness, out of a mare by Springhill Darnley.

REGISTRATION OF CLYDESDALES.

The Secretary of the Clydesdale Horse Association of Canada writes:

"At no time in the history of Canada have draft horses commanded so high a price, nor has there ever been such keen demand for them, as at the present day. Never before was superiority of character and quality so highly appreciated. The incentive, therefore, to produce the best and only the best possible is very strong.

"These conditions place the Clydesdale in a class apart from all other draft breeds. The advantage of using heavier horses on the farm, the increasing requirements of Canada's rapidly growing cities, the necessities of railroad contractors, together with the populating of the West, give assurance of a steady demand for many years to come. The breeder of high class Clydesdales is sure of a handsome remuneration.

"The Clydesdale Horse Association of Canada desires to urge on every farmer and horseman the advantages of both combined and individual effort to meet this situation, and to meet it in such a manner as will turn present demand into permanent trade. Every high class Canadian-bred stallion or filly can be sold for a very profitable price and assists in the sale of another wherever it may be sent.

REGISTRATION.

"The registration of all eligible stallions and fillies of a suitable character is urged. Many stallions, standing for service in Canada, as well as breeding mares, have not yet been recorded, and the registration of their progeny, sometimes only attended to when necessary for sale purposes, is then attended with unnecessary expense trouble and delay.

"In the case of a four-cross filly, it is sometimes difficult to obtain the required information and evidence, and this becomes greater as time passes Owners of fillies eligible for registration are urged to attend to the matter early. It gives enhanced value to the animal, and in the case of change of ownership, no delay occurs. Every breeder is recommended to keep, in a safe place, not only a record of all colts. but the pedigree of the sire and dam from which each colt is bred. A record kept of every consecutive cross with name, description, color and pedigree, number of the sire, name and description of the dam, is something which every farmer should keep in his own interest, as it is sure to mean dol-lars in his pocket. The older, Canada grows, the more consideration will buyers and breeders of draft horses give to pedigree. The experience of the past few years give ample proof of this.

RECORDING.

"The cost of recording is two dollars to non-members and one dollar to members of the association. In the case of an animal being sired by a stallion recorded in Scotland, but not recorded in Canada, the sire must also be recorded. In filling out application forms, be sure to give the correct numbers of all sires, and, if the dam is registered, her name and number also About one-fifth of those who record animals are members of the association. All Clydesdale breeders are invited to join. Send two dollars to the accountant at Ottawa and your name will be placed on the membership roll. The fee is paid annually, and the advantages are, reduced cost of registration, and a copy of the stud book free. "The recording of pedigrees at Ottawa

is proving most satisfactory. The work is done quickly and accurately. Breeders will please observe the rule fixed by the Record Committee—that Field Erected with No. o Galvanized Coiled Steel Wire



Heavy coiled steel wire fence, hard steel wire lock that does not rust or slip and kinks both wires. All heavily galvanized and is replacing other makes of fencing using lighter gauged wire. Can be erected as cheaply as barb wire and

DOES NOT INJURE STOCK

WRITE FOR CATALOGUE

BUY THE BEST

AGENTS I WANTED

THE GREAT WEST WIRE FENCE CO. LTD.

76 LOMBARD STREET, WINNIPEG. CANADA

WANTED TO-DAY 100,000 FARMERS TO INVEST ONE CENT IN A POSTAL CARD

Address it to me. Say on it:

"Send me your SPECIAL 20.000 Bike Harrow Cart Proposition."

You will be glad afterwards if you do it to-day

Yes, sir [1] It will pay you big.

My proposition gives you a chance to get the best harrow cart ever built on two wheels for nothing.

It's so good you can't afford to walk.

It's a big undertaking for me to sell 20.000 carts, but my proposition is doing it.

roposition is doing it.

It's a little out of the ordinary.

Get in on this 20,000 cart deal while it lasts.

It only costs you one cent to get the proposition.

I leave it entirely to you if it is not just a little bit the most interesting harrow cart proposition you ever heard of.

Drop me a postal if you don't write enother one ever heard of.

Drop me a postal if you don't write another one

Don't buy a cart of any make, kind, brand, or at any price until you first get my proposition. I will then leave it entirely with you to be the judge.

I know what you Canadian farmers need in a harrow cart. I have built and sold more harrow carts than all other manufacturers put together and an selling them only direct from my factors to your am selling them only direct from my factory to your

I own and operate a large farm at Lajord Sask.,
near Regina, and know what is required of a harrow
cart in Canada.

I know there is 'no harrow cart built that will begin to equal the Bike and neet your
requirements like it. It is a high wheeler with a positive lock, just right for rough ground.

I will carry a large stock at Regina and can ship quick. Write me to-day. It's interesting.

WILLIAM GALLOWAY
President of the William Galloway Company
715 Commercial Street, Waterloo, lowa, U.S.A.
WILL ALSO SEND YOU OUR LARGE IMPI BMENT CATALOG PREE

Clydesdales Hackneys Shorthorns

I have a few three-year-old colts left, which I will sell at

attractive prices to clear. I am entirely sold out of mares, but will have another carload from Scotland about May 30th.

SHORTHORNS-I have a grand lot of young bulls on hand both imp. and home bred. If you want a herd header don't buy till you see me. Also females of all ages for sale

JOHN GRAHAM

Carberry

10,000 Well-Bred Cattle For Sale

New Walrond Ranche Company, Livingston, Alberta, intends to offer during the coming summer their entire herd of Shorthorn, Hereford and Galloway Cattle for sale.

Owing to the winter feeding and careful handling these cattle are semi-domestic, the young heifers are easily made gentle. For settlers they are the most desirable imaginable, being absolutely free from tuberculosis and other diseases common among dairy breeds, and while they are high-class beef cattle, they yield a large quantity of

When necessary to car them, neighbors should combine so as to purchase a train-load, say 300 to 400, smaller numbers cannot be handled profitably.

Bulls will also be diposed of.

For particulars apply to

THE LOCAL MANAGER

NEW WALROND RANCHE CO. LTD.

Livingston P. O., Alberta

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ND there is no place where it pays better than in the harvest field.

That is one place where mistakes are specially costly. To come successfully through the season to the harvest time, and then fail of a just reward because of inferior or imperfect harvesting machines is unfortunate, indeed. You may make sure of success by buying a Deering binder.

The Deering is designed and constructed with a view to efficient and long continued service. It meets fully the most exacting demands of the grain grower.

Should the grain be tall or short, light or heavy, standing or down and tangled, the Deering will harvest it all cleanly and without loss.

Being made in four sizes-5,6,7 and 8-foot cut—the Deering binder meets a wide range of uses.

The wide-cut binder is specially valuable to the large grain grower, being of unusual capacity.

CANADIAN BRANCHES: Calgary, London, Montreal, Toronto, Ottawa, Regina, St. John, Winnipeg. INTERNATIONAL HARVESTER COMPANY OF AMERICA. (INCORPORATED)
CHICAGO, U. S. A.

This extra wide binder is provided with a tongue truck, which reduces the draft and weight on the necks of team. We can't bring out the many special features of the Deering binder in this small space.

You should read about these in the Deering catalogue.

The Deering line of harvesting machines is complete and includes, besides grain and corn harvesting machines, binder twine, mowers, tedders, sweep rakes, side delivery rakes, hay loaders, stackers. Also a complete line of tillage implements and seeding machines, comprising disk drills, shoe drills, hoe drills, cultivators and seeders, smoothing, spring-tooth and disk harrows, land rollers and scufflers. Also gasoline engines, cream separators, hay presses, wagons sleighe and rollers and rollers and scufflers.

wagons, sleighs, and manure spreaders. Call on the local Deering agent and discuss with him the qualities and advantages of Deering harvesting machines. Any of the following branch houses will supply you with the Deering

catalogue.

application sent for registration must be accompanied by the CASH; otherwise the accountant cannot issue the recorded pedigrees. Address all communications to The Accountant, National Live Stock Records, Department of Agriculture, Ottawa, Ontario.

"Application forms, transfer blanks, envelopes, etc. will be forwarded to all persons requesting them from the

"All letters to the above will pass free of postage, if the letters O. H. M. S. are placed in the upper right hand corner of the envelope.

The following is an extract from the address of Mr. Gifford Pinchot, chief of the United States Forestry Service and a close personal friend of President Roosevelt, before the Canadian

Forestry convention:
"You have called this convention in recognition of the vital importance of forestry to Canada. Forestry is more closely, and I think it fair to say, more perity and well-being of the American continent north of the Mexican border than in that of any other area on the face of the whole earth.

"Timber and water in the east, water and timber in the west, are the great products of this great beneficent cloak of forest which has been spread over so much of our land on both sides of the line. We are apt to consider it as simply a truism, when we say that forestry is important. Well, it may be a a truism but it is one of these truisms. a truism, but it is one of those truisms that need not only to be made widely known, but to be realized and acted upon. For that we must speak definitely, unless we can specify what forestry will do for us in Canada and the United States we may very well consider that we have failed in the presentation of our case.

us not merely protection for our water supply, not merely the guarantee of the productiveness of our soils, not merely the assurance of the continuity of desirable local climatic conditions, but also as doing what it actually does -supplying us from day to day with that material which is perhaps on the whole the most important material for the building up of our civilization. We call this an age of steel, and so it is, but it is not the less an age of wood. "We are face to face all over this North American continent, with a coming scarcity, in no long time, of this chief ingredient in construction, the pinch We must remember that when this want does come it will not be tion merely of reopening the source of supply as we reopened the mines when we were threatened with a coal famine a few years ago. It will be a question of facing the want for years. Fifty years is the shortest possible time within which the materials of construc tion can be grown. This is a matter in which foresight is the prime duty Signs are not lacking throughout this continent that the approaching timber famine is not far away. I am informed that the prices of pine in Ontario have doubled within the past ten years; and similar facts might be cited from the other timber producing

areas of North America. "Let us pass briefly in review some of the ways in which the forest contributes to the national well being. You all know these things; nevertheless it will do no harm for us to keep them freshly in mind, as I think we should do throughout this convention. Though it is true that, in the eastern part of Canada and the United States, the pioneer farmer was obliged to clear away the forest before it was possible for him to build his house or support his family, it is also true that the time of the conquest of fields from the forest is almost wholly past. We have now reached the point where the forest instead of being the enemy of the farmer in the east, is his most poter friend. And in the west we have reached the point where the farmer without the forest either nearby on his own farms or within the distant of reasonable railroad transport. absolutely cannot prosecute his

Norway Pine Syrup

Cures Coughs, Colds, Bronchitis, Hoarsoness, Croup, Asthma, Pain or Tightness in the Chest, Etc.

It stops that tickling in the throat, is pleasant to take and soothing and healing to the lungs. Mr. E. Bishop Brand, the well-known Galt gardener, writes:-I had a very severe attack of sore throat and tightness in the chest. Some times when I wanted to cough and could tremendously involved in the pros- act I would almost choke to death. My wife got me a bottle of DR. WOOD'S NORWAY PINE SYRUP, and to my surprise I found speedy relief. I would not be without it if it cost \$1.00 a bot-Me, and I can recommend it to everyone bothered with a cough or cold. Price 25 Cents.

POSTPAID

SOLANUM COMMERSONI VIOLET

"I like to think of the forest as giving The New Wonder—The Finest Tuber

It beats them all in productiveness and in quality, as can be seen by the reports of the French National Society of Agriculture.

The Academy of Sciences and other scientific bodies who sent agents to investigate, and in some places of firstclass wet land they found that the yield of one acre went as high as 3,000 bushels; this is no fiction, just facts.

The potatoes I offer for sale have

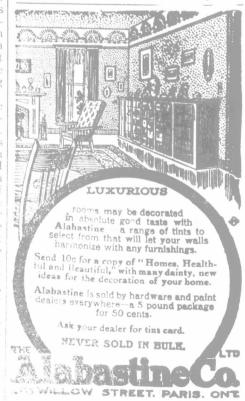
been grown here by myself from imported seed and I had a fine crop.

They thrive best in wet soil, marshy of the lack of which is going to be felt widely and keenly when it comes. We must remember that when this to 18 per cent, free from diseases, and hard to freeze. Cut and plant as usual; hree inches is deep enough in wet land. Any quantity will be sent postpaid on receipt of the price.

Order now; no better investment.

E. CHEYRION

St. Laurent, Man.



DISPERSION SALE

ESTATE OF HENRY NICHOL

Will sell by PUBLIC AUCTION on Sec. 3, Tp. 11, Range 19, 4 miles north of Brandon, at one o'clock sharp

On May the 23rd, 1907

23 Head of Purebred Shorthorn Cattle 15 Head of Grade Cattle and the balance of Implements

No reserve as Mrs. Nichol is giving up farming.

Catalog on application.

T. C. NORRIS, Auctioneer.

FIRST ANNUAL SALE OF **Pure Bred Hereford Cattle**

from the brated herd of **THE MOSSOM BOYD CO.**, of Bobeaygeon, Ontario, consisting of .00 bulls and 7 females to which will be added the entire herd of choice Aberdeen-Angus Cattle belonging to **C. D. JERMYN, Esq.**, of **Coal Banks, A berta**, consisting of about 30 or 40 head, will be held at the

ALBERTA STOCK YARDS, CALGARY, ALTA., ON THURSDAY, MAY 9th, 1907, commencing at 10 a.m. MR. S. W. PAISLEY, Auctioneer.

Particulars and Catalogues upon application to

The Alberta Stock Yards Co. Ltd., Calgary P. O. Box 1062. Phone 301.

FAIRVIEW SHORTHORNS

SIX YEARLING BULLS, fit to head herds. Sired by Nobleman, Meteor and Tepsman's Duke. Also some cracking BULL CALVES by Meteor. Some females (Cows and Heifers) in calf; just the stuff to lay the foundation of a herd with.

will have abundant epportunities to buy by private treaty.

NOW IS THE TIME TO BUY Cattle are going up in price. I shall not hold a sale this year, but parties

JNO. G. BARRON

Advocate advertisements for prompt results.

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the throat, is ng and healishop Brand. er, writes:ck of sore chest. Some gh and could death. My R. WOOD'S d to my sur-I would \$1.00 a botto everyone

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ECZEMA AGAIN

MAY 8, 1907. 2

ZAM-BUK CURES A CASE WHICH FOR TWO YEARS HAD DEFIED EVERY REMEDY TRIED.

A Farmer's Grateful Testimony.

No case of eczema, skin disease, or ulceration, should be despaired of until and my great country is absolutely Zam-Buk has been applied. The case impossible in the absence of forest preof Mrs. Francis Renoit, of St. Anne's, (Man.), is a powerful illustration of Zam-Buk's efficacy. She says: "I We figure that if a tree were growing suffered from eczema for two years, at each end of every railroad tie in and tried a great number of remedies. every railroad in the United States, None of them, however, seemed to do me any good. The ailment was mostly in my legs, and both these were actually makes no allowance for any increase raw from the knees down. A small in mileage which increase is going on sample box of Zam-Buk was given to me, and even so small a quantity of ties on steam and electric railroads as that did me a little good. obtained a proper supply, and by the 150,000,000 per annum. It is an time I had used a few boxes I was completely cured."

Zam-Buk differs from ordinary transportation would be impossible. salves and embrocations in containing no animal oil or fat. It is compounded from rich, healing, herbal essences, and ber supply. And I repeat it, for it is an ideal natural combination of stands to me in a vital place in the power and purity. It is highly anti- consideration of this whole matter, septic, and instantly kills bacilli and that wood is just as necessary to us in disease germs, which settling on to this day as a material basis for our wounds and skin diseases set up civilization as any other material. If festering, blood poison, etc. For cuts, we are to preserve our prosperity, if burns, bruises, ulcers, abscesses, pimples we are to grow—and growth is the one boils, skin eruptions, scalp sores, thing that every citizen of Canada spreading sores, children's skin troubles, and of the United States looks forchafing sores etc., Zam-Buk is unequalled. It also cures piles. All preserve our forests. That stands in druggists and stores at 50c. a box, or the first place." from Zam-Buk Co., Toronto, for price, 6 boxes for \$2.50.



A \$10 CASH AWARD

for the Stockowner reporting the best results from the use of Hackney Stock Food.

Ten dollars in cash will be given for the best testimonial, received by July 1st, 1907, as to the results received from the use of Hackney Stock Food.

In order to enter this contest it is only necessary to obtain a 25 lb. pail of Hackney Stock Food from your dealer and report the results, stating who you obtained the Food from and for what purpose it was used, etc.

If you are not entirely satisfied with the results obtained from the use of Hackney Stock Tonic, your money will be refunded.

Many farmers are receiving splendid results every day but do not let their neighbors know about it, so the Hackney Stock Food Co., Winnipeg, decided to hold this trial contest.

Kootenay Fruit Lands

Geo. G. McLAREN, Box 654, NELSON, B.C. keeping the sows in a close, warm pen.

try. We have reached the point where successful agriculture depends directly and immediately on the preservation of our forests. Just across the line in Michigan, there is a most convincing example of the expense and loss and lack of productiveness produced by the destruction of the forest on nonagricultural lands.

"We may assume then, that the fundamental industry of your great country we should be able barely to keep these so rapidly. The annual consumption I then in the United States closely approaches enormous sum, the contribution of the forest to transportation; without it

> "The average citizen depends in his ward to for his country-we must

AUDITORIUM FOR BRANDON.

A decisive step has been taken in the preparations for the holding of future Manitoba winter fairs by the adopting of plans for a building to be erected in

The plans are as previously announced with the exception of the size of the building, the dimensions of which have been enlarged to 120 feet by 228 feet. A cement floor will also be placed in the stabling room, which will give accommodation to sixty head, and a spacious department is also reserved for sheep and swine. The exhibition room will be 60 by 100 feet and the arena 50 by 100 feet. There will be a seating capacity for 1,800 people and the auditorium stage will be 30 by 50. The building will be modern in every particular, steam heated and fitted with all improvements. The cost will be about \$30,000.

The auction sale of Clydesdales belonging to Mr. J. L. Clark, Norval, Ont., on April 17th, was most successful. One pair of Canadian-bred mares. matched, sold for \$801; two pairs of two-year-olds sold for \$600 each; one pair of yearlings past, brought the handsome figure of \$535, and all the rest of the horses sold for good figures. The cattle also sold well. The proceeds of the sale totalled over \$6,000.

The Pierce Land and Stock Company, of San Francisco, California, at their recent sale of 72 head of Holsteins, held in Chicago, realized an average price for that number of \$227, the highest price being \$1,350, for the cow, Alcartra Polkadot, whose daughter, a calf, sold for \$530. Included in this statement was a bull that was crippled en route, and several young calves born on the way from San Francisco to Chicago.

Mr. W. H. Bryce, Doune Lodge, writes us that Lonely Star, a Baron's Pride mare, has foaled a horse colt, by Hiawatha. He is doing well and is expected to take a place in the showring this season.

The champion mare Rosadora has also foaled, but had twins which did

Clendenning Bros. of Harding, Man. report that their sows are farrowing For Sale 100 acres in Slocan Valley, no wasteland; no stone, all level; soil first class, 2 nice streams. Close to school, P.O., Ry Siding, 7 acres cleared two food, and a good run are some of the acres that the acres in successful swine raising the essentials in successful swine raising \$1000.00 Cash.

Runs in Oil 1 保護機

A cream separator has parts that run at high speed. To work smoothly and easily they have to be fitted together very exactly and yet unless thoroughly oiled they will grind and wear away. Hence the need of proper and ample oiling. In the U. S. Separator, oiling is done automatically and perfectly. The cut gives you an idea of the extremely simple arrangement.

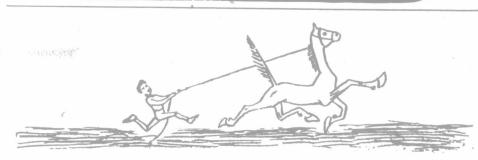
Notice that part of the frame has been broken away, showing the driving grans. broken away, showing the driving gears, and the bowl which turns fastest. The sight

Bowl feed oil cup automatically supplies the bearing that steadies the bowl; then that oil runs down into the gear chamber, where you see the little hollow. Once the machine is well oiled, this hollow gathers the surplus and keeps full. Now when you turn the gears in the improved CREAM

SEPARATOR the teeth of the lowest gear run through this pool of oil the teeth of the lowest gear run through this pool of oil and throw it up in a spray just as a buggy wheel throws water when you drive through a puddle. In this simple, economical way, the teeth of the gears above, the spiral teeth on the spindle of the bowl, and the simple, one-ball bearing at the bottom end of the spindle on which the bowl spins, —are ALL kept wet with oil when running and that's why (combined with proper construction and the best materials) there is so little friction to a U. S., and why it is the longest-wearing and lightest-running separator made. Here we can only give you an idea of the superior oiling device, and can't

Here we can only give you an idea of the superior oiling device, and can't even mention the many other advantages of the U.S. But we'll send you free a copy of our big, new separator catalogue that tells all about the U.S. Just say, "Send catalogue number D 110," and write us now while you think of it. Use a postal if it's handiest, or send a letter, addressing

Vermont Farm Machine Co. Prompt Deliveries from Eighteen Distributing Warehouses. 4428 Bellows Falls, Vt.



In consequence of Messrs. RAWLINSON BROS. having sold their Ranch and who are leaving the country their entire stock of highly bred pedigree Hackneys must be disposed of and will be sold by Auction in JULY NEXT, at the Ranch 11 miles_west_of Calgary. The pedigree Hackneys consist of UNRESERVED SALE OF RAWLINSON BROS' HACKNEYS

3 IMPORTED STALLIONS 6 HOME BRED STALLIONS **48 BROOD MARES**

In the Eastern Shows, including the championship of both sexes at the St. Louis World's Pair.

It is the greatest collection of high-class Hackneys that is ever likely to be offered in Canada for many years.

Catalogues of Sale will be ready for distribution on June 1st, 1907, and may be obtained from

JORDISON BROS., Auctioneers, P 0 Box 1172, CALGARY, Alberta

The Bow River Horse Ranch has for Sale

Two and three-year-old Registered Clyde Stallions. Clyde Mares, 1,600 and 1,700 lbs. heavy in foal. Grade Clyde Mares, 1,400 and 1,500 lbs., 4 and 5 years old, heavy in foal, sound and gentle, at \$500 per team. Grade Clyde Geldings, 3 and 4 years old, 1,200 to 1,300 lbs. Everything sound, halter broken and gentle, and the mares in foal to registered prize winners.

Two car-loads of well-bred 1,100 lbs. mares, mostly in [foal to a French Coach stallion.

High-class drivers and saddle horses a specialty.

Prices reasonable. Prospective buyers met at Cochrane. G. E. GODDARD Cochrane, Alta.

CLYDESDALE STALLIONS and MARES



Out of a carefully bred and selected lot I am offering a five-year-old stallion, a three-year-old, a two-year-old, two yearlings, and several mares and fillies. Will sell quick before seeding. Farm (Meadow Lawn) convenient to Regina. Full details given on application. Address

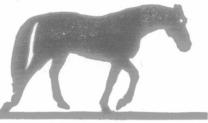
J. D. TRAYNOR

Condie P. O., Sask.

JOHN A. TURNER, BALGREGGAN STOCK FARM, CALGARY P. O. Box 472 Importer and Breeder of Clydesdales. Hackneys, Shorthorns and Shropshire Sheep.

New importation from Scotland has just arrived. Scotlish Farmer reports—"Altogether this makes up one of the grandest shipments made this eventful year." A large number of excellent males of the above breeds to select from, both home bred and imported. Also a few stallions suitable for range purposes. Quality and breeding of the best. Prices defy competition. No agents or commission men—business conducted personally. Sales speak tor themselves—35 stallions sold last season. Anyone wishing a show stallion or filly can have a greater choice here than in any other breeding establishment in Canada.

Orders for stock carefully filled. Visitors all made welcome.



Where all else fails

Kendall's Spavin Cure

Bone Spavin, Ringbone, Splint, Blood and Bog Spavin, Thoroughpin, Curb, Capped Hock, especially if of long standing and obstinate—will not yield to ordinary liniments or blisters.

KENDALL'S SPAVIN CURE is an extraordinary remedy that gives extraordinary results. It cures old, stubborn cases that many times veterinaries have given up—takes away every sign of lameness—does not scar or kill the hair—and leaves the horse sound and smooth.

> BENITO, Man, Sept. '06 "I have used Kendall's Spavin Cure for 20 years—and it never failed me once." JOHN MCKENNA. JOHN MCKENNA.

Write for noted book "Treatise On The Horse"—something worth knowing on every page. Sent free, Kendall's Spavin Cure is sold by dealers everywhere at \$1. a bottle—6 for \$5.

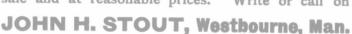
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Do you want to improve your stock of horses P Then buy a first-class Stallion. We have them.

Don't take my word for it but look up my prise record

At Brandon winter fair I took 1st, 2nd and Championship. At Neepawa a horse sold from my barn took first. Industrial I took 5 firsts on individuals; I also won the 3 gold medals offered by the Percheron Society of America, on my group of stallions, the Championship mare and 3-year-old stallion. These are for sale and at reasonable prices. Write or call on







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of the highest merit and choicest breeding at lower prices than all competitors

New Shipment just arrived containing several sons of the noted Baron's Pride.

A few choice Suffolks, Percherons and Hackneys on hand EVERY ANIMAL GUARANTEED. WRITE FOR PARTICULARS. 26 YEARS in the front rank of importers.



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Clydesdales and Shorthorns

Stallions and mares of excellent breeding, of all ages, for sale Also some choice young bulls fit for service and a number of cows and heifers of noted Scotch strains.

Many of them Leading Prize Winners at the big Western Fairs.

P. M. BREDT

Regina, Sask.

THE IDISPOSITION OF THE PLACENTA (AFTERBIRTH).

(Continued from page 686.)

They are instinctively compelled to eat their placenta only, and all mammalian females eat their own placental membranes. This is a dominant physiological necessity, as we shall see. The newly born yet enveloped in the placenta lying motionless within it and completely saturated by special nutritive juices, it is no wonder that they slight these poor animals; having no midwife nor obstetrician to instruct them, they eat up everything heedlessly. But as soon as they feel that the newly born move or are alive, they are no longer deceived; they show on the contrary the greatest concern for their offspring. And this eager desire, this necessity to devour their placenta, is peculiar to all mammalian females, carnivora as well as herbivora, and it is even common among tribes of people in Asia, Africa, and Oceanica, who are even at the present day placentophagists. Since the labors of Brown-Sequard we have studied and tested the potency of the organic juice and we have long recognized that the placental juices have great effect upon the health of the parturient and upon certain functions which stand in relation to it-for example, lactation. However, the influence of the placenta upon the organization of lactation is dependent upon other symptoms of pregnancy, which I shall try to summarize briefly for amateur breeders and others. The thyroid gland secretes iodine, arsenic and phosphoric bases, which play an important part in the formation of the skin and its appendages, hide, feathers, brain, genital organs, and the embryo. The excess of these substances is excreted in the form of menstruation in those females which have little hair upon the skin, and as long as there is no fœtus to consume them. The monthly catamenia in the human species is only a means of emptying the thyroid secretions, which are abundantly discharged during the menstrual period, in the unimpregnated uterus. Men are not subjected to it, because their hair system is a sufficient drainage for the products of the thyroid glands, which after puberty is constantly growing and renewing itself. The females of animals which are well clothed with hair, at the time of heat do not suffer any loss of blood, while those animals which have little hair, menstruate. We have noticed for a long time, that in the case of certain animals, a very close relation exists between the activity of the organs of reproduction at the time of heat and the evolution of certain parts of the body which undergo changes periodically, as the antlers of the deer, the hoods of fowls. the nuptial feathers with which certain birds are adorned at the mating season. Moreover he has given an explanation of this strange phenomenon of the relation between apparently so remote and to a certain extent strange organs, in which he says, that a special epithelium plays the prin cipal role in the feetal evolution of the ovaries and testicles and that the feathers and hair are of a simple epithelial nature. To-day these ana tomical analogies are strengthened by the functions of the thyroid glands so that we can state with certainty only a means of drainage for the secre tions of the thyroid gland, which are eliminated in excessive quantities at the time of menstruation. Every moult, every new production of hair or feathers, stops as soon as the reproductive organs and their accessories that is the mammary glands, begin their functions. Now additional organic juices flow together into placenta and accumulate there for t development of a new being. Ever thing that the female body can pr duce, it stores up in the placen Fortunately at the moment of deliver the contractions of the uterus pr the placenta slowly together, to so extent to facilitate the absorption a part of this stored up supply, w later would be useless. In any great portion is wasted at the til delivery, which is a great loss body. This natural instinct a benefit. It impels the make use of this valuable



GOMBAULT'S CAUSTIC BALSAM

A safe, speedy and positive cure for

Curb, Splint, Sweeny, Capped Hock, Strained Tendons, Founder, Wind Puffs, and all lameness from Spavin, Ringbone and other bony tumors. Cures all skin diseases or Parasites, Thrush, Diphtheria. Removes all Bunches from Horses or Cattle.

As a HUMAN REMEDY for Rheumatism, Sprains, Sore Throat, etc., it is invaluable.
Every bottle of Caustle Balsam sold is Warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars, testimonials, etc. Address THE LAWRENCE-WILLIAMS COMPANY, Cleveland, Ohio.

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Catalog on application W. H. BRYCE

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Are a True Heart Tonic.

Nerve Food and Blood Enricher. They build tissues of the body, and restere perfect health and vigor to the entire system.

Nervousness, Siceplessness, Nervous Prostration, Brain Fag, Lack of Vitality, After Effects of La Grippe, Anomia, Weak and Dizzy Spells, Loss of Hemory, Palpitation of the Heart, Loss of Energy, Shortness of Breath, etc., can all be cured by using

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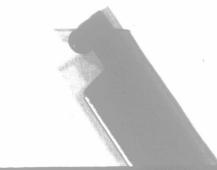


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MAY 8, 1907.

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They can virtually

go right down in the

poultry keeper's

pocket and take the

money. If left un-disturbed the natural

increase is so great

that they soon multiply to a swarm

breed disease in the pens and ruin

that will sap the life of young chicks,

kills lice on poultry, lice on stock, and

ticks on sheep. It is harmless to use, and will effectively destroy

cabbage worms, slugs on rose bushes,

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3 lbs. 85 cents

If your dealer cannot supply you send your order to us.

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Manufactured by DR. HESS & CLARK,

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BIRDS and Animals

MOUNT GAME, HEADS.

TAN SKINS, MAKE RUGS, etc.

We can teach you in you OWN HOME during YOUR SPARE TIME. You easily can learn the art of Taxiderm, and be able to mount all the fine

birds and animals you secure
A taxidermist makes big
money all the time and there
is more work than he can do

Besides, taxidermy is a won derfully fascinating amuse ment for yourself. It enables

phies of the gun and rod and decorate your office, den or home. The Northwester

home. The Northwesterr School of Taxidermy is en dorsed by the leading Sporting Magazines; awarded 12 gold medals for its great exhibit at the Portland, Ore, exhibition The fact that Prof. J. W. Elwood, former superintendent of schools in Iowa, is now manager of this school, with the greatest taxidermy artist in the country as instructors,

in the country as instructors, absolutely guarantees your success as a student. In fact, the school charges no tuition fee

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original powder louse killer put up in

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Capped Hock, r, Wind Puffs, r, Wind Puffs, tvin, Ringbone Cures all skin sh, Diphtheria. om Horses or

DW for Rheu-l'hroat, etc., it lalsam sold is Price \$1.50 or sent by ex-irections for its culars, testimo-

Y, Cleveland, Ohio.

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t Tonic. They build ut and waste perfect health

Nervous Pros Vitality, After ia, Weak and Palpitation of Shortness of y using

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Select Farms

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nutrition, which is created from her own body, even if she belongs to a species to which flesh foods are usually abhorrent. Since it has an especial value for her at this moment, it creates a strong desire to eat and digest the afterbirth. Every female which can eat all or a part of her placenta, recovers more quickly from her confinement and the milk secretion makes its appearance more rapidly and more plentifully. And it is especially true and striking in the case of rabbits and guinea-pigs. We take pains to prevent these animals from eating their afterbirth, and when we do, their offspring never attain full growth; the flow of milk makes its appearance late and scantily; the physiological formation of milk does not take place, and their young ones perish." [From observations made by us we cannot agree that the consumption of the placenta by a cow increased the milk flow. Whether erroneous or not we have always held to the opinion based on observation, that the reverse was the case. The theories advanced by Dr. Quinet are ingenious to say the least.—Ed].

QUESTIONS AND ANSWERS.

PLANTING SHELTER BELT.

I have some trees to set out this spring and would like to know which is the best way to plant them. I got some apple trees from the Experimental Farm, Brandon; also about 300 Russian willow trees. How would you plant the willow trees to shelter my truit trees? Some advise me to shelter them from the north and east. My land is a black loam which is high and dry, with a small bluff to the north. If there is any shrub which will grow faster and make better shelter than the willow, kindly advise

Ans.—There ars no better trees than the willows, if of the right kind, for windbreaks or shelter. Plant the shelter -belt on the south and west principally, and be sure to get them far enough away to prevent snow drifting in and breaking the fruit trees. 100 to 300 feet will be necessary, according to the lay of the land, bluffs in the vicinity, etc. We should advise planting the fruit trees on the north side of the bluff if practicable. Plant the willows 4 feet apart each way. To form a good shelter, 10 to 15 rows of trees are necessary, and it is a good plan to plant a single or two rows 100 feet outside of the main break, to cause the snow

FENCING: DENTISTS.

to bank in the space between the shelter

belts, and save the trees from damage

by banking of snow.

1. Will you please tell me about fences in Sask.? I wish to fence my quarter and should like to know if my neighbors bordering my quarter can be made to fence their half or do I have to fence it all? If they do not fence it and want to keep the town cattle out, can go ahead and fence it and charge them for the work, etc.?

unless you can master taxi dermy by mail. Thousands of successful graduates. Every sportsman and naturalist should know this art easily learned by men, womer 2. What does a dentist have to do to practice in Canada when he comes from and boys.

FREE.—Sample copy of the beautiful Taxidermy maga zine, catalog, circulars, letters from graduates, and pictures of birds, fishes and animals mounted by the most famous taxidermy artists. ALL FREE Write to-day. J. S. and graduated in U. S.? Where does he go to take an examination (if any) in Sask. What are the require-

SASK. SUBSCRIBER. Rouleau.

Ans. 1.—See reply under another head

in this issue. 2. Formerly all that was necessary was to register with the Association of Dentists. We think it is the same yet. A local dentist could inform you.

PATENT: !GARNISHEEING.

1. What is the address of the Domin-

ion Patent Office? 2. What is the fee for securing a patent in Canada and the United

3. A garnishees B for C's wages, but does not get anything. Can A touch

THE

ALBERTA-CANADIAN INSURANCE CO.

AUTHORIZED CAPITAL \$500,000.00 PULL GOVERNMENT DEPOSIT

HEAD OFFICE:

EDMONTON, ALTA

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THE RIESBERRY PUMP CO., LTD. Manufacturers of **High-class** Wood and

> Iron Pumps We make only the best Some of our pumps have been in use twenty years and are still working. Ask your dealerfor Ries berry Pumps, or write direct to us for catalogue Box 544, BRANDON, Man.

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NEEPAWA STOCK FARM FOR SALE-Shorthorns, combining milk and beef, and prize winning Tamworths, pigs of both sexes. Write me,

A. W. Caswell, Neepawa, Man.

Saskatchewan Valley Stock Farm. Largest Herd of Pure Bred SHORTHORNS in northern Sas

katchewan Winners of Imperial Bank Cup Best hard any breed 1904, 1905 and 1906. Farm adjoins city.

R. S. COOK, Prince Albert, Proprietor

Sittyton Shorthorns The Champion Herd at Regina and Calgary, 1906. At present all my bulls are sold but I can supply a number of first-class females of all ages and of most approved breeding. My old stock bull Can are all ages and of most approved breeding. and of most approved breeding. My old stock bull, Sittyton Hero 7th, has left a good mark. Get my prices for females before closing elsewhere. GEO. KINNON, COTTONWOOD, Sask.



Oure the lameness and ch without scarring the part looking just as it did Fleming's Spavin Cure (Liquid) is a special remedy for soft and semi-solid blemishes — Bog Spavin, Thoroughpin, Splint, Curb, Capped Hock, etc. It is neither a liniment nor a simple blister, but a remedy unlike any other—doesn't imitate and can't be imitated. Easy to use, only a little re-quired, and your money back it it ever fails.

Fleming's Vest-Pocket Veterinary Adviser describes and illustrates all kinds of blem-ishes, and gives you the information you ought to have before ordering or buying any kind of a remedy. Mailed free if you write. Toronto, Ontario 45 Church Street,

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We have no more Yorkshires or Berkshires for ale until the Spring litters come in. Send in rour order now and avoid disappointment. We expect a grand lot of young stuff from Imported and Prizewinning sires.

Several excellent Shorthorn Bulls and Heifers or sale. Some of these are extra quality.

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WESTERN SEED POTATOES

Grown from selected seed Yielded 200-420 bush, per acre last year. ENGLISH BERKSHIRES 12 Sows due to farrow in April and May.

Barred Plymouth Rock and Mammoth Pekin Duck Eggs for Hatching Write for what you want and get my prices
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T. E. BOWMAN High River, Alta.

CLENDENING BROS. Harding, Man.

RED POLLED CATTLE The Grain Grower's Cow

YORKSHIRE HOGS

Spring Pigs \$10 apiece when weaned. You can save money both on price and freight by ordering now. Remember, we raise the big litters.

Shorthern Bulls, Helfers and Helfer Calves for Sale.

The get of Sir Colin Campbell (imp)—28878—and General—30399—. Cows all ages in calf or calf at foot. Seventy head to choose from.

Young Stations for sale, two and three years old. Also maresand fillies. Leicester Sheep, both sexes. Stock always on hand. Geo. Rankin & Sons, - Mamiota, Man

SHORTHORNS

Ranchers and farmers need the reds, whitee and roams, if you wish to breed the best and most profitable cattle. Can supply you with tip-top stuff. Am offering two-year-old Bull—a herd header—and 14 yearing Bulls; also Cow and Heifers

JOHN RAMSAY, - Priddis, Alta.

Forest Home Farm



FOR SALE two right good Clydesdale Stallions, rising two years Shorthorn Bulls and Heifers, one and two years old. Yorkshire Pigs (fall and sprins litters), and a grand lot of Barred Rock Cockerels.

All at moderate prices. ANDREW GRAHAM Pomeroy P.O. Carman or Roland Stations, C.P.R., C.N.R. or G.N.R.

Terra Nova Stock Farm HERD OF ABERDEEN-ANGUS

CATTLE All the best families represented. Some fine young bulls for sale from both in ported and home bred cows. Prices reasonable

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The Champion Herd at Winnipeg and Brandon for PARK HEREFURDS three years. This year won nine first prices out of ten competed for. At Winnipeg, three championships and one grand championship. A few good young females for sale. **ISLAND PARK HEREFORDS** Address: J. A. CHAPMAN, ISLAND PARK FARM, BERESFORD MAN.

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Our young balls are the best that our herd has ever produced. We can furnish Gruickshank bulls of high quality to head the best herds and some that will produce prime steers.

We have a bull catalog—send for one.

Brooklin Ont.

Myrtle, C.P.R.

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UST think what a saving in time and labor you can make with a Chatham Kitchen Cabinet—the number of steps you save in a day—the ease with which you can prepare a meal! With the Chatham every ingredient and every cooking utensil you need in the preparation of a meal is right within reach of your hand and there is no constant running back and forth from kitchen to pantry for first one article and then another was a cake

The Chatham Kitchen Cabinet enables you to get a meal—stir up a cake—or mix a batch of bread in just half the time—with half the labor that it takes you in the old way—running back to the pantry every minute or two for first, the salt-then the spice-next the flavoring-and so on. Now you can get this wonderful work-saver at a very reasonable price on my

Liberal Time Payment Plan

So if it isn't convenient for you to pay all cash, you can pay for the Cabinet on such easy terms that you'll never miss the money—while all the time you can be enjoying its benefits. And my Kitchen Cabinet is not only useful—but ornamental as well—and any woman will be proud to own one. It not only simplifies cooking—but it keeps your kitchen always neat and tidy and does away with all the clutter of cooking and baking.

If you are thinking of replenishing your home furnishings you cannot invest in anything that will give as much genuine help in your housekeeping as the Chatham Kitchen Cabinet—and once you use it you'll find the regular weekly—monthly—and yearly housecleaning is no longer a bugbear. Your kitchen and pantry take the biggest part of your time—and make the hardest part of your housework—but if you'll use my Cabinet you can cut out all the kitchen drudgery and use the extra time for pleasanter work or recreation.

Now you should get my FREE HITCHEN CABINET CATALOGUE at once—and you can get it, postpaid, by writing a postal.

Send for it today without fail. It's a hand-some book that shows beau-

ome book that shows beautiful photographs of the Chatham Kitchen Cabinet and gives my prices and terms. It's free for the asking. Write for it today. Address me personally. MANSON CAMPBELL The Manson Campbell Company,

Sold Direct From **Factory** On Time-ON TRIAL and Fully fnaranteed.

Dept. Chatham, Ont. Carried at Montreal, Brandon

Address all inquiries from Western Canada to my Company to Brandon, Moose Jaw or Calgary

over One Million Stromberg-Carlson Telephones In Use

If you do not have Telephone service in your home you should write today for our complete instructions, "How to Organize a Telephone Company," telling you just what to do. As few as ten men can organize and have telephone service on a paying basis. You will find that as soon as your line is in working order your neighbors, who said they never would have a 'phone, will come and beg for the service. Then your own 'phone will cost you nothing. Stromberg-Carlson telephones fill every telephone requirement, absolutely without regard to name, price Ask for booklet E-211.

Stromberg-Carlson Telephone Mfg. Co. Rochester, N.Y.

Moosomin. R. P. Stanley, Sask.

Breeder and Importer of Percheron and **Hackney Horses**

Percheron stud headed by Berenger, winner of first prize at three years old at Paris, France,

My new importations are now in their new quarters on farm. They are a very choice lot and doing finely and are all for sale at reasonable prices.

Every horse sold under a warranty. Terms easy. Correspondence solicited; Barns ½ mile



Our advertisers are determined to give value. vour taking entitled to.

Ans.—1. Parliament buildings, Ottawa 2. You would need a solicitor to secure you a patent and properly protect your rights. Consult one and he will tell you the fees.

3. You should bring action and get a judgment against C, who would then have to pay the amount and costs.

COW SUCKING HERSELF.

I should like to know what to do to prevent a cow sucking herself. She is valuable animal and I would not like to beef her. I have at present a strap round her body with a pole between the forelegs attached to the strap and then to a halter, but it causes a sore on her back and when she is lying down she can still suck a little.

Alta. AN ADVOCATE WELL-WISHER. Ans.—It might be a good idea to put a pad under the strap on her back or use a wide band sursingle? Another plan is to take a piece of light, tough, wood, which will not split (basswood for instance), about eight inches long and five inches in breadth; on one side of it whittle an oblong opening which will fit into the animal's nose, somewhat after the manner of an old fashionedbull ring; gouge out enough to let the board play easily and hang down; then when the animal tried to suck itself this piece of wood will flap down over her nose in such a manner as that she cannot reach the teat, the wood coming between her nose and the teat. The contrivance does not prevent the animal from grazing or feeding in the stable. Some cows can be cured by wearing a leather halter, with sharp nails through the nose piece, the points standing upwards and pricking their flanks when they attempt to suck.

BUILDING LINE FENCE.

A wishes to fence his homestead. Can he compel his neighbors to bear half the expense of the fence which divides A's homestead from his neighbor's and must A's neighbor keep up the repairs of half the dividing fence?

W. H. E.

Ans.—A cannot compel his neighbors to bear half the expense of a line fence until they join their fences to his, thus making use of the line fence as a part of their enclosures. They must then repay you a half the value of the fence and also keep half of it in repair.

BRITISH COLUMBIA LANDS.

Can a man get a pre-emption in British Columbia after having a homestead proved up in Saskatchewan? If so, in what part of B. C. can he

get it? And please give a description of the said land. Sask.

Ans.—With the exception of lands along the C. P. R. the provincial Government controls the lands in British Colambia, and consequently they are not subject to the same regulations as those in Saskatchewan and Alberta. We should advise writing the Department of Agriculture at Victoria for the latest information as to the lands available and surveyed. Conditions are constantly changing and you should have the latest descriptions and information.

CHANGING SURVEYS.

I filed a homestead and find that there was a mistake in the old survey. I wrote to Ottawa and the surveyor came and found the mistake and reported. Then another surveyor came and dug the corner mounds where they ought to be. The old survey takes over twenty acres off my place. What I want to know is: - Can my neighbor hold that land or can I get it? It is all fenced. What would be the legal way to get the fence changed, or can it be changed from the old survey to the new one which is correct?

Alta. You will be entitled to remove your fence, but you will be obliged to lose the land, although the Department should compensate you for the loss of your labor if cultivated. The onl way you can get this arranged is b writing to the Department of Interior Ottawa, stating all the facts and if the s any trouble about getting your fe they will issue you an order allowing to remove it. Your neighbors however, should make no objection your taking your fence, which

Look into this roofing question



Get book on "Roofing Right" and see how little risk you take when you roof any building with

Sold under a plain GUARANTEE that keeps your roof good for 25 years. With decent care, an Oshawa-Shingled roof will last a CENTURY.

Easy To Put On

With a hammer and a snips (tinners' shears) anybody can put Oshawa Shingles on perfectly. Locked on all four sides—see the side lock? It drains the shingles so that water can't seep under. Top lock (see below) makes whole roof practically one piece and sheds water quick. Made in one grade

only—28-guage semi-toughened steel, double-galvanized (saves painting).

Wind - water - and - fire -PROOF. Keep buildings safe from ot

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Lightning. Cost only \$4.50 a Top Lock //square (10 ft. x 10 ft.) Send for booklet and learn how little a RIGHT roof costs. Address

The PEDLAR PEOPLE Of Oshawa Montreal Ottawa 321-3 Craig St. W. 423 Sussex St.

Toronto London 11 Colborne St. 69 Dundas St. Winnipeg 76-82 Lombard St. Vancouver 615 Pender St.

An Ideal Stock Farm For Sale

960 acres in Block. $7\frac{1}{2}$ miles from town; all fenced. Running Water and Springs. Good House and Barns. Write for full particulars. This is one of cour many good buys.

CANADIAN AMERICAN

REAL ESTATE CO. Ltd. LACOMBE, Alberta

DRILLING & PROSPECTING MACHINES Fastest drillers known. Great money earners! LOOMIS MACHINE CO., TIFFIN, OHIO

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good for 25 an Oshawa-ENTURY.

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for bookd learn RIGHT Address

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Ga ACHINES I, OHIO

POOR WORK AT THRESHING.

A certain man came to me last fall and asked to do my threshing. He claimed to have a first class threshing outfit and first class men to run it and also would guarantee first class work. I told him if he threshed for me I wanted good work. When I came to handle the straw through the winter I found that there was considerable grain in the straw. I consider that there would be enough to pay for the threshing of the whole crop, which amounted to \$168.25.

If payed him part. Can I collect damages of him for the waste? T. H. F.

Ans.—From what you state it would appear that the thresher guaranteed first class work, and if there is a large quantity of grain in the straw, which you state there is, you would be quite justified in retaining the whole of the money due him for threshing and if he entered action against you to recover the money you could then counterclaim for damages for the loss sustained by you for the bad work. In order to satisfy the court of the amount of your loss you should get some competent farmers to gather up a quantity of the straw at the different places and out of a certain quantity thoroughly shake the wheat, collect it and then see how much you have and you could then make a fair estimate of the wheat in the straw. If part is not threshed and the wheat still left in the heads it would be well to get some neighbor farmers to collect the heads; or you could collect them in the presence of a witness, have them tied together and kept in view of the evidence. If the thresher does not enter action against you for the amount due him, you could immediately proceed against him for the value of your loss. This is a matter which it would be necessary to lay before a solicitor with all the

CEMENT FACTORIES, STEEL GRANARIES.

1. Please inform me where cement is manufactured in Manitoba or the other western provinces, if any. 2. Can vou inform me also where

portable steel granaries are manufactured? Sask

Ans.—There are two cement factories about to be operated at Calgary, and we think another is being projected at Medicine Hat. In Manitoba a factory is in process of erection near Morden, but we are not certain that any of these have actually manufac-

2. Any of the machine works; such as the Vulcan Iron Works, Winnipeg; Brandon Machine Works, Brandon; Regina Machine Works, Regina, etc., would make such an article on order.

FENCING A HOMESTEAD.

A has taken up a homestead. Can he prove up same by fencing the whole thing providing 20 head of cattle and shelter for same, sleeping on the homestead at night and through the day working at a neighboring town to earn a livlihood?

Ans.—Yes, that would be fulfilling the conditions of the Homestead Act.

LIMBER NECK IN FOWL.

I wonder if you could tell me what the trouble is with my poultry. Two roosters have taken ill and died. They first get dull then twist their necks around and finally die.

POULTRY KEEPER. Ans.—This disease is usually called 'limber neck'', and is caused by eating of some foul matter. The general idea is it is caused by eating at a dead body, either a dead chicken or impure carenss of some kind. While this is often the case I think it can be causal by fowl living steadily as they

Shetlands and White

JAS. BRAY, Portage la Prairie

Kettle Valley Irrigated

Fruit Lands Company

have large acreage of subdivided fruit lands now for sale. Prices \$100 to \$150 per acre. Ample supply of water for which NO RENT is charged. Soil a rich sandy loan which produces the finest apples, small fruits and vegetables. Valuable local market in surrounding mining towns. Splendid climate and excellent railway facilities. Apply to

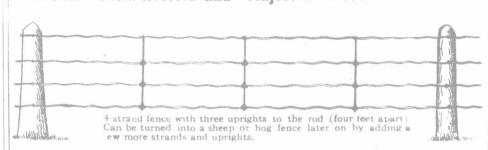
W. O. Wright, Managing Director MIDWAY, B. C.

on postage and ask us for a mailing box for your watch. We will report cost of repairs and upon your instructions will repair and return to you, guaranteed for one year

A. BRUCE POWLEY

324 JASPER AVENUE **EDMONTON** Oficial Time Inspector for the CN R

"Anchor" Field Erected and "Majestic" Woven Wire Fences



Our "Majestic" is a specially designed Hog and General Purpose Fence.

When writing for prices state for what kind of stock required

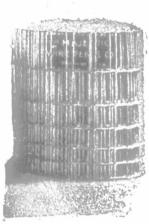
Manufacturers of Farm and Lawn Fencing Gates, Coiled Spring Wire, Staples, Wrought Iron Fences, Gates,

We do not sell everything from the proverbial Needle to the Anchor, but fences to turn everything from a Buffalo to a little Pig.

MANITOBA ANCHOR FENCE Co.

90 PRINCESS ST.

WINNIPEG



Bankers; Bank of British North America

Licensed

Farmers! Ship your Grain to the GRAIN

Commission Merchants, Track Buyers and Exporters

Wheat, Barley, Oats and Flax bought on track or handled on commission

We would ask every farmer, whether a shareholder or no', to consign his grain to us or wire for bids when car is loaded. Let every farmer take a share or shares in the Company and increase our working capital. The larger the Company the greater the economy in operation and ease in maintaining satisfactory export connections. Although enjoying the privileges of membership on the Winnipeg Grain and Produce Exchange, we will take every opportunity to enlarge our export connections and trade in Eastern Canada and the Old Country.

You must pay someone for the service of handling your grain. The Company will employ part of the profits of the business in spreading the organization, improving conditions and developing markets; the balance of profits will be available in the payment of dividends on paid-up capital. Those or our subscribers who have only paid 10% on shares had better meet the 20% call since made, at once, and so share to a greater extent in the profits of this season's business.

Get your neighbors as shareholders, if possible; if not, try and induce them to patronize

Bill your grain to the order of the 'Grain Growers' Grain Co., at Fort William or Port Arthur, according as you are on the Canadian Pacific or Canadian Northern railway system Write across the bill "Advise Grain Growers' Crain Co., 5 Henderson Block, Winnipeg."

Binder Twine Prices



At Winnipeg it sells for 117c. per pound, at Brandon for 12c,

at Regina 12½c., and at Calgary for 12½c.

These prices are very close to the cost of production, and the reason is that we are selling our twine on a very close margin, for as a matter of fact we are not in the business to make money out of it, but to accommodate our customers. We had many enquiries about Binder Twine, and when we investigated the matter, we found that we could save money to all who bought from us.

Our, prices are considerably lower than the prices that have prevailed in the country and the quality of our twine is such that we have no hesitation in recommending it. It is made specially for us, contains about 50 % of pure Manila, measures 550 feet to the pound, and is so evenly and smoothly woven that it can be used with entire satisfaction in any pattern of knotter.

So confident are we of the excellent quality of our twine that we give the following guarantee.

Should your crops be destroyed, by hail or excessive rain, or should the twine be unsatisfactory for any reason, you are at liberty to return it to us at our expense, and we will refund your money promptly.

The most economical way to buy twine, is in car-lots. You can get it laid down anywhere in Manitoba, in car-lots, for 12 cents, which is an exceedingly low price for this grade of twine. Have your neighbors combine with you and send your orders all together, and even if you have not a full car, send them to us, for its quite possible we have other orders for your station that will make up the car-lot. If not we will see that you get the Twine in the cheapest way possible.

Write for our Special Grocery Catalogue

How many times during a year would you be willing to pay a few cents an hour for a reliable power?

good many times, no doubt. switch, open the fuel valve, give the churning, pumping water, grinding help in a hundred ways. tools, and a score of other tasks. A Stop and think how good many times, indeed, and when you could have used such convenient you want it you want it without delay

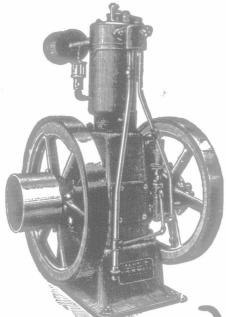
for instance, will furnish power equal to that of three horses at the smallest cost per hour, and it will be al-All you have to do is close a little how strong and durable they are.

For grinding or cutting feed, flywheel a turn or two by hand, sawing wood, separating cream, and off it goes, working—ready to Stop and think how many times

power last week, for instance.

There should be a gasoline engine An' I. H. C. gasoline engine will on every farm. Whether it shall be furnish such power—a 3-horse engine, an I. H. C. or some other engine on your farm is for you to decide, but it will pay you well to learn of the simple construction of I. H. C. gasoline enways ready when you want it, and gines before you buy. It will pay ready to work as long and as hard as you to find out how easily they are you wish. You don't have to start a operated, how little trouble they give, fire-not even strike a match-to how economical in the use of fuel, start an I. H. C. gasoline engine. how much power they will furnish,

CANADIAN BRANCHES: Calgary, London, Montreal, Ottawa, Regina,



These engines are made in the following styles and sizes: Horizontal (stationary or portable), 4, 6, 8, 10, 12, 15 and 20-horse power.

It will pay you to know these things. Call on our local agent or write nearest branch house for catalog.

St. John, Toronto, Winnipeg.

INTERNATIONAL HARVESTER COMPANY OF AMERICA, CHICAGO, U. S. A.

WEAK, RUN-DOWN WORN-OUT MEN

Wear My Belt Without Cost Until Cured



I have the grandest invention of the age for weak, run-down, worn-out men; the surest and easiest cure for all nervous and chronic diseases. Its wonderful power is directed to the seat of the nervous system, through which its vitalized strength penetrates into all parts of the body, carrying new life to every function which has been weakened by disease or dissipation, restoring energy to the brain and power to the system. No weak man will ever regret a fair trial t this invigorator.

Why will you be weak? Why do you go on from day to day when you know you are losing your nerve force—your manhood—when you see a cure within your grasp? Do not delay a matter which is the key to your future happiness. Whatever your condition to-day, you will not improve as you grow older. Age calls for greater vital force, and the older you get the more pronounced will be your

Dr.McLaughlin's Electric Belt

will make you streng. It will send the life blood dancing through your veins, you will feel the exhibitating spark warm your frame, the bright flush will come to your eye and a firm grip to your hands, and you will be able to grasp your fellow man and feel that what others are capable of doing is not impossible to you. This grand appliance has brought strength, ambition and happiness to thousands of men in the past year. It is the one sure remedy for the cure of Bheumatism. Weak Back, Weak Kidneys, Weak Stomach, Va-

ricoccle. Loss of Power in young or old, and similar allments, as well as Dyspepsia. Constipation, etc. can any one remain in doubt as to the value of this grand remedy when you see so many cures by it? My confidence in my method enables me to offer any man or woman, who will offer me reasonable security, the

ELECTRIC BELT FREE UNTIL CURED.

CAUTION.—Don't be misled by imitators. Remember that electricity must be properly applied to cure, and that for your case there is but one way to apply it properly. Without that you might just as well not use it at all.

and I am well pleased with the result. My back, which was so weak and lame, is entirely cured and has not bothered me since. I Dr. McLaughlin: -Dear Sir-1 received the Belt from you a

ALL TO-DAY for Free Test of my Belt and Free Book. If you can't call, cut out and send in this coupon.

Write me to-day for my beaurifully illustrated book with cuts showing how my Belt is applied, and lots of good reading for who want to be "the noblest work of God"—A MAN. Inclose this coupon and I will send this book, seal-

DR. M. D. MCLAUGHLIN, 112 YONGE STREET, TORONTO, CAN.

THE REAL PROPERTY OF THE PARTY OF THE PARTY

often do by scratching in the horse and cattle barn. I have known a flock of fowl which had one or two cases of this complaint to have no more after being shut away from the stables Burn all dead bodies. It is no use trying a cure for this complaint. W. E. WABY.

Trade Notes

IN THIS ISSUE is advertised a variety of potato that is claimed to be particularly adapted to wet, marshy soils. It is a new discovery said to have been made in Uruguay, and the cultivation so far, though limited, has been most gratifying. It is claimed for these potatoes in addition to their growing in swampy lands that they are large yielders, that the flavor is pleasant and the sun does not burn any that are exposed. Persons interested in new vegetable discoveries from an experimental or commercial standpoint should write Mr. E. Cheyrion, St. Laurent,

WE_TAKE PLEASURE IN TELLING OUR readers of the rapid progress of the Manitoba Gypsum Company, Ltd.

This company own a large gypsum deposit on Lake Manitoba. Last year hey placed upon the market Manitoba hard wall plaster. The product has taken well with the people, the demand has greatly increased and everywhere it has given the best satisfaction. We could print columns of testimonials, but the following from a well known Winnipeg merchant is sufficient proof of the merits of this article

'The Manitoba Gypsum Co. Ltd., Winnipeg, Man.

"Gentlemen: -We have handled your products since you started to manufacture same, and have shipped all through Western Canada and we take great pleasure in advising you we have never received a single complaint on your line of goods, but same has always given the most uniform satisfaction, and we are pleased to send you this tribute to the quality of your goods, and will be glad it it helps you to increase your sales.
"Yours truly,

The J. H. Ashdown Hardware Co." Write direct to Manitoba Gypsum Ce., Wininpeg, for further particulars.

FAMOUS FRUIT RANCH SUB-DIVIDED.

A Great Opportunity to Buy an Improved Fruit Farm in the Kootenay.

the famous Cold Spring Ranch, near Proctor on the west arm of Kootenay Lake, 18 miles from Nelson, announce that they have decided to subdivide it into small holdings, which will be sold tor fruit ranches. This property is probably the best known improved ranch of large size in the Kootenay country. There are 1,000 acres in it, several hundred acres are partly cleared

controls ample water rights for such common with advantageously located it does not require irrigation for fruit

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immedice lake frontage has been the common use of Langan, Knapproperty. That a the horse e known one or two ave no more the stables is no use laint.

E. WABY.

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ELLING our ess of the y, Ltd. ge gypsum Last year t Manitoba everywhere vell known

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ndled your take great have never n your line s given the nd we are oute to the ill be glad ur sales.

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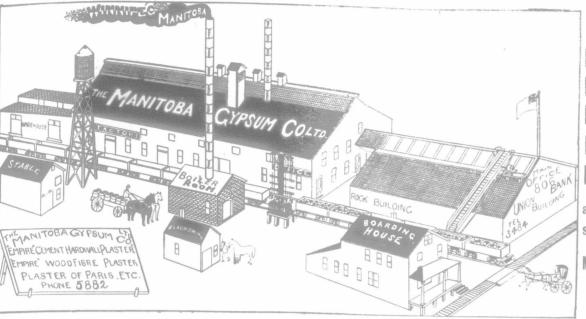
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DR. C. F. SANDEN, 140 Yonge Street, TORONTO, ONTARIO.



This is the Mill that makes the best Hard Wall Plaster and **Empire Wood** Fibre Plaster, Plaster of Paris and **Finish** on earth Send for descriptive book.

Manitoba Gypsum Co. 806 Union Bank Building WINNIPEG

TO OUR FRIENDS FROM THE OLD LAND

By special arrangement with the publishers of the Overseas Edition of the London Daily Mail we are once. able to make this special offer:

The Farmer's Advocate one year......\$1.50 The London Daily Mail one year..... 1.75

Our special clubbing offer gives both the papers for only.....\$2.25

You should keep in touch with the Homeland and read the best agricultural literature. This is easily done by this special low priced offer.

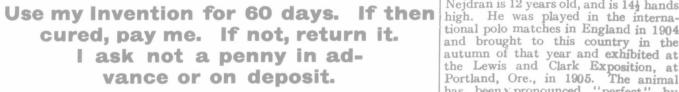
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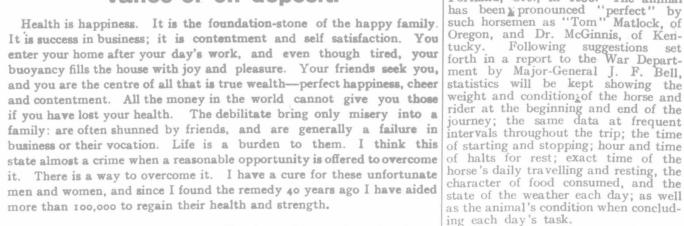
M y 8, 1907.

WINNIPEG, MAN.

DAY'S FREE TRIAL

of a World-Famed Remedy





My treatment for those who suffer from Rheumatism, Lumbago, Nervousness, Melancholia, Lame Back, Wrecked Stomach, Ataxia Partial Paralysis, general ill health, etc., is the simplest and most natural able way. All the more so because ever offered. It is Electricity. Everybody to-day knows that a normal not one in 100 will do it. There's not quantity of it in the human body means perfect health and strength. A deficiency means weakness and disease. I can give you back this natural but it knows men. It's not worth electricity and make you as well and strong as ever you were. So confiwhile to spoil a man to make a business. dent I am of what I can do, that to anyone suffering as above, I will give ness. my World-famed, Dr. Sanden Electric Herculex, completely arranged

for men or women, upon absolute FREE TRIAL UNTIL CURED

NOT one penny do I ask you to pay in advance or on deposit. My low-power Herculex at \$5.00 is strong enough in many cases. If you wish to buy for cash, I give a very liberal discount. I cure people every day in this way. As the originator and founder of the Electric Body Battery system of treatment, my success is the envy of many, and my Herculex, of course, is imitated (what good thing is not?), but my great knowledge gained from 40 years' experience is mine alone and cannot be imitated I give advice free to my patients till the cure is complete. My Electric Herculex,

guaranteed to give a current instantly felt, or I forfeit \$5,000, and to last for at least one year.

Call or send for my Herculex to-day, or if you want to look into the matter further, I have two of the best little books ever written on electricity and its medical uses, which I'd like to send you. Sent free, sealed, upon request.

Also complete establishments, with competent physicans in charge, at

HAVE YOU GOT YOURS?

Have you received the splendid free picture of the 1907 Girl? After much trouble and expense the Sharples Separator Company succeeded beyond their hopes in reproducing from life, in the softest and daintiest colors, the sweetest dairymaid ever offered by any cream separator company as a free picture suitable for framing and placing in any home. The demand for this excellent picture has been so great that the first lot was quickly exhausted. The Sharples Separator Co. has ordered more and will give you this last chance to get one, free. Send at once to the Sharples Separator Co., West Chester, Pa., the names and addresses of five farmers who keep cows but have no Tabular Cream Separator, and the Sharples Separator Co. will mail it to you, in return, the picture of the 1907 Girl, free from printing and large enough for framing. Give your own name and address clearly. You must mention the name of this paper to get the picture. The Sharples Separator Co. has a limited number of wall calendars and will send one of them free, with each picture, as long as the calendars last. If you want both, write at

A New York dispatch says that to test the efficiency of Arabian horses for use in the United States cavalry Second Lieutenant E. R. Warren McCabe, of the Sixth Cavalry, stationed at Fort Riley, will start on an endurance ride on May 1st, from Silverton, Ore., to Morris Plains, N. J., carrying the regulation army equipment, a distance of more than three thousand miles. He will use the chestnut stallion Nejdran, imported from the desert of Arabia by Captain Gainsford, of the English Army, and now owned by Homer Davenport, of Morris Plains, who offered the animal to the government so that the test might be made. Nejdran is 12 years old, and is 14½ hands high. He was played in the internal tional polo matches in England in 1904 and brought to this country in the autumn of that year and exhibited at the Lewis and Clark Exposition, at Portland, Ore., in 1905. The animal has been pronounced "perfect" by such brossemen as "Tom" Matlock, of Oregon, and Dr. McGinnis, of Kentralia, Pollogians tucky. Following suggestions set forth in a report to the War Department by Major-General J. F. Bell, statistics will be kept showing the weight and condition of the horse and rider at the beginning and end of the journey; the same data at frequent starting and stopping; hour and time character of food consumed, and the state of the weather each day; as well as the animal's condition when concluding each day's task.

"The honorable way is the profitmuch competition in virtue.

"The public may not know goods,

"Mutual confidence is the cornerstone of success. How to gain it? First, by honestly desiring it; secondly, by really deserving it."

STUPID BUNNY.

One day Willie's mother found her oung hopeful holding his pet rabbit by the ears. From time to time he would give bunny a violent shake and demand sharply: "Two plus two? Two plus two?" or "Three plus three? Three plus three?"
"Why, Willie," asked his mother

with deep concern, "What makes you treat your poor little Bunny that way?"
"Well," replied Willie, greatly disappointed, "teacher told us in school to-day that rabbits multiplied very

The following appears in an advertisement in a South African up-country Prize poultry for sale, seventy-five



Canada's



USED ALL OVER THE WORLD. CANADA'S LARGEST MAKERS THE BELL PIANO AND ORGAN CO., Limited, GUELPH

Bell Pianos and Organs are Sold in the West by

THE WINNIPEG PIANO AND ORGAN CO. 295 Portage Avenue - Winnipeg, Man.

Music Store - Brandon

SASKATCHEWAN PIANO AND ORGAN CO. Saskatoon and - - Regina, Sask. ALBERTA PIANO AND ORGAN COMPANY Norman Block - - - -

McINTOSH & CAMPBELL

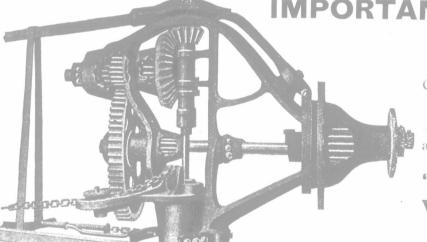
Edmonton

Catalogs or information cheerfully furnished by the Agent in your district.

Write him to-day.

"IDEAL" STEEL POWER WINDMILLS

IMPORTANTLY SURPERIOR to all others.

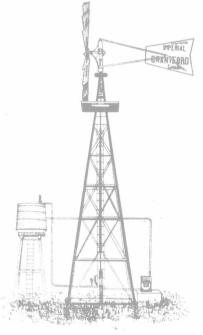


More "Ideal" Power Mills in use in Canada than all other makes combined.

Their quality—unequalled anywhere enables them to lead in foreign countries as well.

"Imperial" Pumping Windmill Winner of first prize in a test against the whole world.

If interested, write for booklet, "Brantford Windmills," and receive full information regarding these world-beating mills.



your more

"Imperial" Pumping Mill

COCKSHUTT PLOW CO., LIMITED

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"IDEAL" Engine, showing construction of Power Mill. Roller and Ball Bearings. Self-Oiling.