

REGISTERED IN ACCORDANCE WITH THE COPYRIGHT ACT OF 1875.

♥OL. XXVIII.

LONDON, ONT., AND WINNIPEG, MAN., OCTOBER 15, 1893.

No. 344.



A GROUP OF PRIŽE-WINNING HACKNEYS AND SHIRES.

THE PROPERTY OF MR. H. N. CROSSLEY, ROSSEAU, ONTARIO.

EDITORIAL.

Mr. H. N. Crossley's Hackneys and Shires.

The group of horses that is so admirably portrayed in the life-like illustration upon our plate page for this issue represents the fine stud of Hackneys and Shires, the property of Mr. Horace N. Crossley, Rosseau, Ont. These horses have been remarkably successful as winners during the show campaign of 1893, several having won the highest honors in their respective classes, while all have succeeded in carrying off ribbons at the different exhibitions at which they have competed.

Sandy Bay, Mr. Crossley's stock farm, is situated on Lake Rosseau, Muskoka, where he has erected extensive buildings suitable to the requirements of a breeding establishment such as he is

Mr. Crossley made his first importation of horses in 1890, at which time he brought out the beautiful Hackney mare, Lady Cocking, a pair of half-bred Hackney mares, and a pair of registered Shire mares. Again in 1891 he brought out the Shire stallion, Headon Banneret, and the mares Sapphire and Headon Duchess.

In 1892 no importations were made, but last spring Mr. Crossley again returned to England, and selected the three-year-old Hackney stallion, Fireworks, the Hackney mare, Lady Bird, and the Shire stallion, Bravo II., and the winnings that the stud have achieved during the recent show season demonstrate what good judgment he has used in making his selections, for both Hackneys and Shires have gained their full share of ribbons.

The three-year-old stallion, Fireworks, standing to the left background in the illustration, won third in his class at the World's Fair, third at Toronto, and first at London. He was sired by Wildfire (1224), he by (Cook's) Phenomenon. Wildfire won many prizes, and his dam, Polly Horsley, by (Triffit's) Fireaway, won over thirty first prizes. Fireworks' dam, Pretty Polly (4574), was sired by the (Triffit's) Fireaway horse (Stewart's) Superior (1410), by which it will be perceived that Fireworks' blood lines show a combination of the most popular strains of the day.

Lady Cocking, of which the figure to the far right is an excellent likeness, is a beautiful ten-year-old mare of the true Hackney type. She gained second in the aged mare class at the World's Fair, fourth as mare of any age, and second in the cob class to harness, at Toronto, 1890. She is now in foal to Fireworks, and has bred some good ones, amongst which is Althorp Lady, that has won a number of prizes in England during this season. Lady Cocking was sired by Royal George (683), dam by (Brough's) Achilles (3).

Lady Bird, the remaining one of the three Hackneys, is a handsome four-year-old mare, imported this season. She won first in the four-year-old class at the World's Fair, second as the best mare of any age, and first in her class at the Western Fair, London.

She was sired by (Stewart's) Superior (1410), a son of (Triffit's) Fireaway, her dam being by Confidence (1265).

Mr. Crossley has been fortunate in his selections of Hackneys, as they are not only royally bred, but are individually of the highest merit, their action being particularly admired.

Bravo II., the Shire stallion standing in the right foreground in the illustration, won first in Montreal, first in Toronto, first in his class at London, and at the latter show he also won sweepstakes, beating all Clyde stallions. Bravo is a tightly built, thick, wide and weighty horse, exceedingly smooth in finish above, and with abundance of bone to carry him. He was sired by Will 'o Wisp (6574), his dam being Boadicea (3019), second dam Welcome, by Truth (4132). The Shire mare, Sapphire (79, C. S. S. B.), the last to be mentioned, but judging by her winnings not the least in point of excellence, this season in her class won first and silver medal as the best Shire mare of any age, both at Toronto and Montreal. In 1892, she won first in her class as brood mare at Toronto, also silver medal, her foal by her side also winning first, and in 1891 she won first in her class. She was sired by Northern King 2635, dam Shan's Jewel, by Master Tom 5202. The above winnings show that Mr. Crossley has

The above winnings show that Mr. Crossley has started his Shires, as with his Hackneys, in the right lines.

The Ontario Veterinary College will open its doors October 18, to commence its session of 1893–94. This well-known institution has won for itself the name of being the leading medium for obtaining veterinary knowledge in North America, and with its present efficient staff and capital management of Professor Smith it is bound to retain its popularity.

Banish the "Freak" and the "Fakir".

It is not an agreeable duty to criticise the management of some of our larger exhibitions, for we recognize how freely and unselfishly business men contribute their time and abilities to promote these annual gatherings of the people. At the same time, when they drift in a wrong direction, it is none the less a duty to frankly and fairly point it out. It is evident that the idea is now dominant that these exhibitions are for amusement, rather than for instruction and material progress, and here a fatal error is made. Being continually in touch with the thinking farmer of Canada, we but voice a growing sentiment of alarm at the way in which the side show, circus and horse race element has been pushed into prominence. The history of these things and their associations demonstrate that their inevitable tendency is demoralizing, especially to the youth. The alienation of the better class of the community from exhibitions run in this groove, and their decadence go hand in hand.

The excuse is made that the people, espcially those of the city, must have diversion. To a certain extent the same might be said of the taste for sensational American Sunday newspapers, filled with scandal and crime, the taste for which was very largely created by avaricious publishers themselves. That there was ever any real necessity for such desperate efforts in providing so-called "attrac tions" for the fairs we are quite satisfied is a mistaken notion. The best British exhibitionstheir name is legion—do not resort to any such questionable adjuncts, and if they did it would be no excuse for us. In proportion to the increasing sway of the jockey and the circus idea in fair management, so will the really meritorious features suffer and a positive injury be inflicted upon exhibitors, while in the end the exhibitions themselves will suffer financially, as well as in the directions we have already indicated. In the United States such has been the case, and history will repeat itself in Canada. It is no indication of a successful fair that the palatial "grand stand' be thronged, while a mere handful witnesses the products of Canadian farms, art and manufacturing skill. Better economise on the "freaks" and 'fakes," and deal more generously in the prize list and on the grounds with bona fide exhibitors.

Was it any wonder, for example, that representatives of practically all the implement men in Canada held an indignation meeting at the late Western Fair to protest against the shameful way in which they have been shunted into a back corner, while mountebanks, snake charmers and scantily clad females flaunted themselves on the most prominent area of the whole grounds? Decent people could scarcely hear, see or move for the conglommeration of side shows. The agricultural implement men had just cause for complaint, and before another year their grievance will no doubt be redressed. That the directors, as a body, are responsible for this condition of things we do not believe, and we feel confident that these obnoxious features, and others which we have pointed out as detrimental to the true interests of exhibitors generally, will be relegated to their proper place.

By the adoption of systematic and businesslike methods in conducting the fairs, the FARMER'S ADVOCATE is free to congratulate those in control upon the decided improvements effected of late years, and before another show season we hope to be able to observe in progress other reforms that are equally necessary.

${\bf Canadian}\ \ {\bf Cattle}\ \ {\bf Restrictions.}$

Sir Charles Tupper, K. C. M. G., while recently in Winnipeg, was interviewed by a representative of the FARMER'S ADVOCATE relative to the scheduling of Canadian cattle. He very kindly gave the important facts regarding this matter, with which his earnest efforts to remove have so familiarized him, and which are of such vital importance to the cattle trade and the Dominion.

The order was made on the report of the Home Government experts, and although no pleuropneumonia was found by them in Canadian cattle, something slightly resembling it, which was in no way contagious, occurred in one or two instances. The Government, however, felt bound to act on the report of their experts, and restriction was the result. The embargo having been instigated, and thousands of pounds having been spent in slaughtering cattle and examinations, it has been difficult to remove it, as after expending the public money in this way they do not like to admit their error or the misappropriation. He said that he was confident he could produce such overwhelming testimony that the Government must give way, and the restrictions would be removed. When asked as to the time such might be expected to result, he said if not this season he was sanguine in the belief that it would be early next spring.

Agricultural Depression in Great Britain.

An English writer on this subject explains what classes are most affected by the present agricultural depression in England, and cites the case of his own estate by way of explanation. He purchased his estate several years ago, previous to which the land had been untenanted for four years, but the pasturage or summer feed had been annually sold at £400 per annum. Since he purchased the estate he has tilled one-third of the land and employed six or eight men, but he finds that the transaction has been a losing one. He has expended £1,200 in permanent improvements since it came into his possession, and yet in three years out of five he has been unable to make £200 per year, while in the other two a very little over this amount was cleared. On the other hand he claims if all were seeded down to grass the annual sale of pasturage would easily net him £350 per annum; and besides this he would receive sufficient money to buy fertilizers and employ a man to keep up hedges and other repairs, so that there would be no shrinking in value.

Now, the point he wishes to bring out is, that the landlords of England are not the people that suffer most from the present depression, but rather the tenant farmers and agricultural laborers; that gradually these classes are seeking employment in the towns or leaving the country on account of the unprofitable state of this industry, much to the loss of all concerned. He further points out that the abolished corn laws had indirectly given an impetus to manufacturers by lessening the cost of living for employees, and thus providing cheaper labor by which manufacturers could successfully compete in the markets of the world. While on the other hand, not only had agriculturists received less for their products, but landed proprietors and tenant farmers had burdens shifted unto their shoulders, by taxing improvements and other unfair means of raising a revenue, that profits had gradually decreased until there was a danger of having agriculture, one great source of national wealth, undermined.

Feeding Wheat.

The protracted drouth which has prevailed in sections of the country has caused a brisk demand for feeding stuffs, bran ranging almost, as high as wheat. Surely little of this product will be used, except to extend concentrated grain feeds. Every one must know that the value of wheat for feeding, when fed wisely, must be very much superior to bran. It is true that bran is a very safe supplement, but a limited amount is all that is wise to feed while wheat is so cheap.

According to D. T. Thomas, Ind., who kept an accurate account of wheat fed and gain made by hogs during a ninety days' experiment, fourteen pounds of gain can be made from a bushel of wheat fed dry and unground, which would have shown a much more rapid increase had the feed been ground, as no doubt a considerable quantity escaped mastication, passing through the entire alimentary canal in the whole state.

According to experiments conducted by Prof. Robertson at the Dominion Experimental Farm, the conclusions arrived at were that fifteen pounds of gain can be made from a bushel of common wheat, and that wheat has a feeding value about ten per cent. in excess of corn. However, it is not wise to feed wheat alone. Corn, peas and oat supplements will make a much more nearly balanced ration. Wheat is rich in mineral matter, and contains more nitrogen than other grain, making it especially valuable for growing stock. It also gives good results when fed to dairy cows.

good results when fed to darry cows.

Says Professor Henry:—A good dairy cow will give something like a pound of butter per day, and eight pounds of wheat is a good feed of that grain, so that a bushel should last a week and furnish the concentrated feed for making something like seven pounds of butter. In this way this cheap cereal can be manufactured right at home into a profitable product; not only that, but practically all the fertility which was taken from the soil by the wheat will be left on the farm, which is a matter of great importance.

Patrons of Industry Handling Wheat.

The Patrons of Industry have decided to handle grain in earnest this year. Grand President Charles Braithwaite has been elected a member of the Winnipeg Grain Exchange, and having secured offices in their building, is now prepared to handle the grain consigned to him by members of the society, and no doubt his ability and the experience gained last winter at Fort William looking into the wheat trade will be of great service to those who avail themselves of this privilege. We wish them every success in their enterprise.

5, 1893

itain.

what

griculease of

e pur-

ous to

years,

en an-

chased

d and

at the

ended

came

out of

while

nt was

l were

turage

esides

uy fer-

es and

inking

s, that

e that

rather

; that

ent in

of the

he loss

at the

apetus

living

bor by

mpete

other

ess for

tenant

ılders,

ans of

ly de-

gricul-

under-

led in

emand

igh as

e used,

Every

eding,

ior to

upple•

ise to

ept an

de by

ırteen

 \mathbf{w} heat

own a

ound,

masti

canal

Prof.

Farm,

 \mathbf{ounds} nmon

about

is not

t sup-

 \mathbf{anced}

d con-

ing it gives

w will

y, and

grain, irnish

g like

cheap

ntoa

ically

oil by

mat-

andle

harles

Win-

offices

e the

ciety,

ained

vheat avail

every

at.

THE FARMER'S ADVOCATE & HOME MAGAZINE

THE LEADING AGRICULTURAL JOURNAL IN THE DOMINION.

PUBLISHED BY

THE WILLIAM WELD COMPANY (LIMITED). LONDON, ONT., and WINNIPEG, MAN.

JOHN WELD, Manager.

F. W. Hodson, Editor.

1. The Farmer's Advocate is published on the first and fifteenth of each month. It is impartial and independent of all cliques or parties, handsomely illustrated with original engravings, and furnishes the most profitable, practical and reliable information for farmers, dairymen, gardners and stockmen, of any publication in Canada

- 2. Terms of Subscription—\$1.00 per year in advance: \$1.25 if in arrears; sample copy free. European subscription, 6s. or \$1.50. New subscriptions can commence with any month.
- 3. Advertising Rates—Single insertion, 30 cents per line. Contractrates furnished on application.
- 4. Discontinuances—Remember that the publisher must be notified by letter or post card when a subscriber wishes his paper stopped. All arrearages must be paid. Returning your paper will not enable us to discontinue it, as we cannot find your name on our books unless your Post Office address
- The 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.
- The Law is, that all subscribers to newspapers are held responsible until all arrearages are paid, and their paper ordered to be discontinued.
- Remittances should be made direct to this office, either by Registered Letter or Money Order, which will be at our risk. When made otherwise we cannot be responsible. 8. Always give the Name of the Post Office to which your paper is sent. Your name cannot be found on our books unless
- this is done. 9. The Date on your Label shows to what time your subscription is paid.
- Subscribers failing to receive their paper promptly and regularly will confer a favor by reporting the fact at once.
- regularly will confer a favor by reporting the fact at once.

 11. We Invite Farmers to write us on any agricultural topic. We are always pleased to receive practical articles. For such as we consider valuable we will pay ten cents per inch printed matter. Criticisms of Articles, Suggestions How to Improve the Advocars, Descriptions of New Grains, Roots or Vegetables not generally known, Particulars of Experiments Tried, or Improved Methods of Cultivation are each and all welcome, Contributions sent us must not be furnished other papers until after they have appeared in our columns. Rejected matter will be returned on receipt of postage.
- 12. Replies to circulars and letters of enquiry sent from this office will not be paid for as provided above.
- 13. No anonymous communications or enquiries will receive
- 14. Letters intended for publication should be written on one side of the paper only
- 15. All communications in reference to any matter connected with this paper should be addressed as below, and not to any individual connected with the paper.

THE FARMER'S ADVOCATE, or

THE WILLIAM WELD CO.,

LONDON, ONTARIO, CANADA

CONTENTS.

EDITORIAL:-

EDITORIAL:—
333—Illustration. 391—Mr. H. N. Crossley's Hackneys and Shires; Banish the "Freak" and the "Fakir"; Canadian Cattle Restrictions; Agricultural Depression in Great Britain; Feeding Wheat; Patrons of Industry Handling Wheat. 395—Mr. T. D. Hodgens' Auction Sale; Farm Machinery at the Toronto Industrial. 396—Report of the Poultry Exhibit at Toronto; Pitting Turnips; An Error Corrected; Ottawa Central Fair; Fencing as Seen at the Fairs; Crowded Out. 397—New Appointments at the Ontario Agricultural College. Agricultural College.

397—Air Space in Cattle Barns; Chatty Stock Letter from the States; "Holsteins as General Purpose Animals," 398— Our Scottish Letter; Speep Breeding in Alberta.

rarm:—
398—Plan for Piggery, 399—First Prize Essay;—Description
of Plan for Piggery, 400—Ranching vs. Mixed Farming; Tariff
Reform; Saving Seed. 401—Experimental Farms; Fifty Years
Ago; The Farmers' Mill; The Howell Pear.

402-Dairy Cows and How to Feed Them; Winter Duirying; Foul Foot.

APIARY:-402-Preparing Bees for Winter.

POULTRY:

403-Poultry on the Farm. MISCELLANEOUS:

403-Prize List, Western Fair, 1893; Prize List, Toronto Industrial, 1893.

QUIET HOUR:-405. FAMILY CIRCLE: +405. MINNIE MAY'S DEPARTMENT: - 406.

UNCLE TOM'S DEPARTMENT: -407. STOCK GOSSIP: -408, 410.

NOTICES:-410. Advertisements:-408 to 412.

Everyone interested in dairying should not only read, but study that instructive little book, "Dairy ing for Profit or the Poor Man's Cow," which may be obtained from the author, Mrs. E. M. Jones, Brockville, Ont. Price, 30 cents. Over 62,000 copies have been sold, and in order to further stimulate its circulation, we will give two copies to every oll subscriber sending in his own name (renewal) and that of one new yearly subscriber accompanied by two dollars.

Mr. T. D. Hodgens' Auction Sale.

In our advertising columns of this issue we would call the attention of our numerous readers to the most extensive sale of fine, light horses ever offered in the Dominion of Canada. We feel perfectly safe in making the above announcement. As the following will show, this is not a weeding-out sale. In two of the breeding departments it is the entire stud of thoroughbred race horses – nineteen in number—all of the choicest strains. The sire, Cortez, was a great race horse; his sire, King Alfonso, sired the great Foxhall that went to England and France and beat the best. ('ortez' dam produced that great horse Burlington, another winner at all distances. Eight are brood mares, nearly all of which were winners and the dams of

winners. The youngsters are also very promising. The Shropshire sheep offered comprise the whole of the flock; all, except lambs, are imported and registered.

The trotting stock is also composed of choice individuals; the brood mares are bred to the best stallions, and the young stock, we predict, will hereafter win many prizes. They include such animals as Silver Star, 2.16; Noter D., trial 2.23; Gloster H, 2.20; St. Simon, 2.24‡, and many others too numerous to mention. In this department also Mr. Hodgens informs us that there are no culls. All two-year-olds and up to 5 years that are on the farm are in the catalogue, together with a number of fine carriage horses and saddlers; also some 12 to 14 high-bred, young, western-range mares and geldings, and a number of useful animals, the property of different owners. The thoroughbred Cleveland Coach horse is also a strong, useful animal. This sale should command a good attendance, as the best breeding stock are the only ones that will pay. Good ones pay if judiciously bred. Send to a catalogue and bring it with you to the sale.

Farm Machinery at the Toronto Industrial.

With all the vast array and increased variety of implements, there did not appear to be many novelties worth chronicling this year. Many improvements doubtless have been added, but to a certain extent these were mostly of a trivial character, and not in any degree necessary, although there were some very notable exceptions. Manual labor on the farm has become so difficult to obtain, that if it were not for the numberless appliances that have been placed in the market to lessen and take its place our crops would never be harvested. The improvements for tilling the land have made very discernible advances of recent years.

As usual, John Abell was out with a promising display of tread-powers, one, two and three-horse grain separators to suit all kinds of power and all kinds of grain, also clover hullers and grain crush-The latter will grind any kind of grain, corn in the ear, or both together if required. He builds different sizes to suit the operator. He also had a fine selection of farm engines, both traction and plain.

The firm of B. Bell & Son, St. George, had forward a fine exhibit, consisting of plows, cultivators, horse hoes and land rollers, while in ensilage and straw cutters, tread-powers and root cutters, they have an excellent choice and embrace features quite abreast of the times. The durability of their goods is well known.

Coulthard & Scott, of Oshawa, also exhibited a good selection of implements for tilling the ground and seed sowing. Their stock of cultivators, drills, etc., is very complete.

ow Works, of Toronto, exhibited a good line of sulky and walking plows.

Cockshutt, Brantford, had a good line of plows, harrows and scrapers. Their riding plows and new

style gang were worth examining.

T. T. Coleman, Seaforth, Ont., had a capital exhibit, in which his Dale pivoted land roller takes the lead, which also it does when at actual work. Its advantages lie in perfectly adapting itself to the unevenness of the ground, while the frames being separate there is nothing to bind. It is easily oiled, and is calculated to stand for years, which cannot be said of some of the land rollers built. This firm also has some good things in root cutters and pulpers. A device is attached to these whereby all chance of the roots clogging is prevented. Grain crushers and two-furrowed gang plows are also manufactured by them.

Copp Bros., Hamilton, had a good selection of plows and other implements for tilling the ground. Their Champion spring tooth cultivator has some good features to recommend it, as also has their

reversible disk harrow. The Watson Manufacturing Company, of Ayr, Ont., showed no less than twenty-seven different kinds of implements and machines. Among these are some of the most convenient devices for assist ing farm work. These embrace ensilage and chaff cutters, three styles of root cutters and pulpers, three styles of grain crushers. They also showed binders, mowers and rakes, horse-powers, jacks and circular saws for cutting fire wood. This firm dealdirectly with the farmer, and, as they have no

agents, they claim the purchaser gains the benefit.

The Mercer binder, built at Alliston, Ont., attracted a good deal of attention. The Mercer Co. also had mowers and hay rakes on exhibition. Perhaps there was no machine within the building that received so much attention from visitors as the McCormick Bindlochine, as it is termed. Crowds were gathered about all through the exhibition. Doubtless this was partly due to the fact that there is no elevatting canvass required, and the whole mode of con-

struction and manner of working are novel to the majority of sightseers. We understand that about fifty of these machines were brought into Ontario and sold the past season, and it is claimed that they will be built in Ontario for next season's

David Maxwell & Son, St. Marys, Ont., had in position a most attractive exhibit, their implements drawing more than the usual amount of attention. They had four different sorts of root pulpers and cutters, which may be operated by hand or power as desired. They also exhibit sulky plows, while in harvesting machinery they have binders and mowers. Their six-foot-cut mower is most substantially built, and certainly has many good points, and their new hay rake, with steel angle bar axle and steel wheels has points that will doubtless cut quite a figure with every purchaser who takes durability into consideration.

In plows, Grout, of Grimsby, had forward his standard pattern in riding plows, which certainly are as reliable as any; his whole exhibit was quite abreast of the times.

J. Fleury's Sons, Aurora, had quite a noteworthy exhibit. Their ensilage cutters with swinging carriers are worthy of comment. In stockmen's implements they showed a full line, while in plows they had a good selection. Their double and ingle riding plows looked like work. They also showed a lumber and logging sleigh for general farmers' use that had some capital new features worth examining.

Sylvester Bros., Lindsay, had a full exhibit. Their harvesting and hay-making machines all appeared to be of the most satisfactory order. They also had grain crushers and root pulpers and cutters. In seeding implements their press drill seemed to be effective, as did also a clothes reel, which has several advantages

Noxon Bros., Ingersoll, had forward a full line of harvesting machinery. Their Number Seven steel binder and improved Buckeye mower are effective and highly spoken of, while their Hoosier seed drill has gained a reputation for itself all over the Province, and their spring tooth cultivator, with and without seeding attachment, all received their full share of attention.

Provan's (of Oshawa) hay pitching machines, which he makes a specialty of, were taken much notice of, and most deservedly, as he has made a life study of hay forks, slings, as well as the track, car and pulleys. His is arranged so that stopblocks may be placed at any point along the track, and a loaded fork will pass through if desired; all operations are infull control of the operator. His car double-acting and self-reversing, and is therefore always ready without a moment's notice or the slightest trouble in changing. His plan of hoist-ing pulleys to the peak of the barn without climbing is a feature that is worth looking into.

The Waterloo Mfg. Co. were forward with ensilage and straw cutters, horse-powers and grain crushers.

Tolton Bros., of Guelph, had forward a most useful line of implements. Their pea harvester has gained a reputation wherever used; in fact, it has lessened the cost of harvesting peas wonder-fully, and has made it practicable to grow this crop on a large scale. Two of these harvesters were in motion, and showed their adaptability for picking up every straw in a flat-lying crop of peas. Another was fitted for cutting alsike c'over, and looked as though it would do equally good execution. They also showed a good line of plows and

harrows, as well as root-cutters and pulpers.

The Wortman & Ward Mfg. Co., of London, had a varied exhibit. Their standard line embraces Drader harrows and other implements for tilling the ground; their hayfork and slings or pitching machines are well known to be effective. Richardson & Webster, St. Marys, Ont., showed

their ensilage and straw cutter, grain crushers, and a capital horse-power, while in their gang cheese press and full line of dairy supplies their exhibit was a specially noticeable one.

J. W. Mann, Brockville, was out with his special

line of seeders, disk harrows, etc.

M. T. Buchanan, Ingersoll, exhibited his hay-pitching machine. It is strongly constructed and effective in its working. No farmer can do with-out a hay fork and slings these days.

Frost & Wood had a very full exhibit. Their single Apron binder, improved Buckeye mower, light reapers, rakes and plows are all strongly built and neatly finished.

Thom's Implement Works, Watford, Ont., were well represented. Their line of feed and ensilage cutters has special features, which were much admired by visitors. This firm also showed horse hoes and cultivators in good variety, together with riding and walking plows of patterns that looked like work.

Massey-Harris Co, occupied the largest space in the building, and make an exhibition equal to anything ever seen in the annals of agricultural ma-

Sawyer & Massey also made a great display in farm engines and grain crushers and separators. The White Engine, manufactured by Messrs Geo. White & Sons. London, attracted its full share of attention. These nyichines are con-structed with a view of furnishing abundance of power with a small amount of fuel, and at the same time, are easily hauled on the road.

Neely & Durand, of Dorchester Station, showed their hav and grain-pitching machines.

wis

ha

Ma

hay Hit

sur

ma

for

uno

of 1

the

me

the

bro

Torone On

dea

the

and

mo

tion

suc

wh

alw

Brt

far

cul

of t

the

hig

tak

the

lar Ne

dor

7.6.1

Report of the Poultry Exhibit at Toronto.

In visiting the poultry building one is struck by the grandness of the display, not an empty coop being found, and on interviewing the judges, Messrs. Butterfield, Jarvis and Smith, they informed us it was the finest exhibition of poultry ever held in Canada, both as regards quantity and quality. The poultry industry is getting to be quite an item at our various Canadian exhibitions, and from the way the building is crowded it shows the interest the farming community take in the exhibits. When properly managed there is nothing more remunerative than poultry, and as a rule the farming community are beginning to find it out. Below will be found the number of birds in each class:—

OLD BIRDS.			
Brahmas, Dark23			
" Light 24			
Cochin, Buff. 13			
Partridge 11 White 10			
Black 6			
Langshan			
Dorking, Colored 12			
" Silver Grav			
White4			
Houdans 5 La Fleche 4			
Creve Cœur			
Wyandotte, Black			
" White			
Silver Laced "			
Golden Laced 11 7			
Plymouth Rock, Barred 25 White 15			
Dominique 15			
Black Red Game 11			
Brown Red " 8			
Duck Wing "			
Pyle 11 8			
Indian Game 12			
Any other variety. 5 Hamburg, Black 9			
Golden Pencilled 6			
Silver Pencilled 5			
Golden Spangled			
" Silver Spangled			
Red Cap 8			
Javas 13 Leghorns, White 14			
Brown			
Rose Comb, Brown. 17			
" " White			
Black Leghorn 9			
Buff " 4			
Spanish			
Minorcas, Black			
White			
Polands, White Crested			
" Silver Crested			
" Golden : 6			
Buff Laced 6			
Any other variety			
There were 107 entries of bantams, and about the			
same number of birds of 1893 as in the old class.			

Turkeys, geese and ducks of 1893, 68 entries. The principal exhibitors were Messrs. Bogue, McNeil, McCormick, Saunders, Scott, Sage, London, Ont.; James, St. Thomas; Rice, Whitby; Smith, of Fairfield Plains; Brown, Barber & Co., Bonnick: Downs, Toronto; Wagner, Mimico; Donovan, Toronto; Gray, Todmorden. There were 284 entries of pigeons and 38 of rabbits. The turkeys of Messrs. Main, Bell and Hodson were very fine. Bogue, of London, and Colson, of Guelph, showed some very fine Pekin ducks—as I heard one man remark, they were like geese. The show on the whole was a credit to Ontario.

Bronze Turkeys... Any other variety

Ducks, Rouen Aylesbury Pekin

Geese, Bremen or Emden.

Pitting Turnips.

A Subscriber asks: "How shall I pit my turnips so that they will neither heat nor freeze?"

Turnips are the easiest roots to keep in pits; if

gathered in fine weather and carefully covered, they should come out any time through the winter the better for storing.

It is better not to place them too thick. Long pits, about 3½ feet high, are about right; coverrather thickly with straw, and about 6 inches of earth. Place 6-inch square ventilators every 10 feet, formed of 6 and 8-inch fence boards. Cut, one pair of the four boards 3 inches longer than the other two, which will allow a circulation of air after a cap is nailed on the top. It is well to select a sheltered situation, where the snow is not so apt to be blown off the pits. A fine mould is best for covering, as clay that cakes in digging is apt to leave too many air spaces where wet and frost may enter. Mangolds require much heavier covering.

An Error Corrected.

In our report of the Industrial Show, we credited Mr. S. C. Johnson's three-year-old Clydesdale stallion Balgownie with second prize honor. We find this was a mistake, and it was Mr. J. Davidson's Westfield Stamp that carried this honor, while Balgownie won third, as the official prize list in this issue states. We understand Mr. T. Little, Sand Hill, Ont., has since purchased Westfield Stamp of Mr. Davidson. He is a horse of wonderful substance, and of a type that Clydesdale men should cultivate.

Ottawa Central Fair.

This exhibition opened on the 22nd of Septemper, under very unfavorable auspices. The whole week, with the exception of one or two days, was very wet and disagreeable; indeed the weather for several months previous had been so excessively wet that the farmers were much behind with their work, and thus did not patronize it as they have in the past years. The Montreal show coming off at an earlier date than usual had a tendency to lessen the number of exhibitors, as many of the western men would not bring their stock so far east for one exhibition. Still, in spite of all drawbacks, the citizens turned out well, and helped the management to even up, so that they could show a clear balance sheet. The Experimental Farm made a splendid exhibit, which included a working dairy, where the seeker after dairy knowledge could see the whole milk taken in, tested with the Babcock test, run through the separator, and the cream made into butter in the most approved manner. They also showed a very tastefully arranged display of the most promising varieties of grains, vegetables, grapes and other fruits, and samples of the different liquids used as fungicides and insecticides, with the formulæ for their preparation. The dog show claimed a large share of attention. The Locked Wire Fence and the Page Wire Fence Companies both had specimens of their fences erected on the grounds, and came in for a large amount of inspection from the farmers. Another centre of attraction for the farmers was the tarpaulins, horse and binder covers, stack covers and waterproof clothing of ever description, made by Mr. J. Tobin, Ottawa. He exhibited a tarpaulin, made tank-fashion, into which about thirty gallons of water was poured at the beginning of the fair, and was held perfectly through the whole ten days of the exhibition. Mr. Tobin did a rushing business, and found it almost impossible to keep up with the demand for his horse covers. A very pleasing feature of the grand parade, and one not seen at any of the other exhibitions, was the handsomely decked four-horse wagons which headed the procession. Upon the first one was arranged specimens of corn, beans, sunflowers, grains, roots and vegetables, the product of the Ottawa Experimental Farm. The three following wagons displayed the different brands of flour and feed manufactured by the McKay Milling Co., of Ottawa.

There was a regretable falling off in all the classes of live stock, as was shown by the long rows of empty stalls.

HORSES.

This department was rather below the average as regards the quantity, but the quality was all that could be desired. Graham Bros., of Claremont, had twelve of their Clydesdales on exhibition, and won all the best prizes. They also showed a pair of Hackneys, a mare and their well-known stallion Seagull, which won first money. W. Allen, Hull, P. Q., showed a number of Clydesdales. W. H. Craig, V. S., Cornwall, Ont., showed some good thoroughbreds, French coach and carriage horses, while G. Sparks brought out his Clydes and French coach horses. W. W. Kerby, W. Hume, Ottawa, and Jas. Collander, North Gore, were the chief exhibitors in saddle horses and hunters.

CATTLE,

The absence of a number of western breeders, coupled with the fact that this is essentially a dairy section, accounted for the weakness of this show in the beef breeds. The Ayrshires were well up to the mark, with herds from such well-known breeders as Jas. Drummond, Petite Cote, D. McLachlan, Petite Cote, Jas. Johnston, Montreal. John Newman and others from Quebec, while R. Reid & Co., Huntington, J. G. Clark, Ottawa, Jas. Yuill, Carleton Place, W. M. & J. C. Smith, Fairfield Plains, represented Ontario. Both old and young herd prizes, as well as the special gold medal, were won by Jas. Drummond, Petite Cote, D. McLachlan winning the silver medal, and Jas. Johnston the bronze. J. G. Clark won second on three-year bull, and D. McLachlan first on two-year-old bull. The prizes for grade cattle for dairy purposes were principally taken by R. Reid & Co., with their splendid herd of Ayrshire grades.

Guernseys—In this class J. N. Greenshields and C. H. & W. H. McNish divided the prizes, Greenshields securing the herd prize and the majority of the red tickets.

Jerseys—W. A. Reburn, St. Anne's, showed the herd which had been so successful in winning prizes at the larger exhibitions, while J. Erratt, Geo. Fowler and S. B. & B. Slinn, all of Ottawa, showed a few specimens each.

Holsteins—In this class McDuTee & Butters won herd prize, and the most of the firsts, with the herd that was so successful at Toronto and London. Jos. Fletcher, Oxford Mills, secured first and second on two-year-old heifer, and second on the herd. Gilroy & Son, of Glen Buell, received the red ticket for yearling bull.

Durhams were chiefly represented by the herds of Jas. Crerar, Shakespeare, Ont., D. Brims, Athlestan, Que., and Jas. Forth, Gler Buell, Ont. Mr. Crerar won the sweepstakes for bull and herd prize, while D. Brims secured four awards, three of which were firsts.

Galloways This hardy breed of blackskins were represented by the herd of J. A. Neilson, Lyn, while the Messrs, McNish won a blue ticket on a yearling heifer.

Herefords—F. A. Fleming was the only exhibitor of white faces, of which he showed a number of good ones.

Aberdeen-Angus—W. A. R. Stewart, Lucasville, had it all his own way with his herd of Doddies, while Messrs. McNish secured second on a yearling heifer and heifer calf.

SHEEP.

The following were the chief exhibitors:—S. Coxworth, Claremont, in Cotswolds.

In Leicesters, the eastern men received most of the prizes. D. Pringle, Huntington, Que., and J. Pringle, Athlestan, Que., both show good flocks. J. Forth, Glen Buell, also showed a few.

In Shropshires, the honors went to Quebec, J. N. Greenshields, Danville, Que., winning the bulk of the prizes, while D. Brims secured the flock prize and several others.

In Oxford Downs, the well-known western breeder, Henry Arkell, from Arkell, Ont., showed an excellent flock. A. Gilmore & Co., Huntington, Que., received one first and two seconds.

R. Shaw & Sons exhibited Southdowns and Merinoes. W. M. & J. C. Smith also showed Merinoes.

SWINE

The show in this department was small. The principal exhibitors were:—S. Coxworth, Claremont, Berkshires; J. N. Greenshields, Danville, Que., Yorkshires; Jos. Featherstone, Streetsville, Suffolks.

Chester Whites were shown by S. B. & B. Slinn, Ottawa.

W. Allen, Hull, and the Messrs. McNish, Lyn, exhibited a few Yorkshires, while the Messrs. Smith, Fairfield Plains, showed Poland-Chinas.

Fencing as Seen at the Fairs.

Fencing is one of the most costly departments to keep up on the farm, and anything new in this line that will tend to curtail expenses is sure to meet the approval of those concerned.

In wire fences, the Locked Wire Fence Co., Ingersoll, had a sample of their fence at all the leading fall fairs. They have only been established in Canada some eight months, yet they have now agents in almost every county, who have built samples and are qualified to sell farm rights or build the fence as parties may require. This fence has many advantages. It is cheaply constructed, forms a perfect barrier from, and is not injurious to stock, while in point of durability it stands at the top of the list. The fence is formed by smooth wire, which, having a slight crimp made in it, and a bent clamp placed over the crimp, forms a space for a stay which runs from wire to wire, thus securely joining the whole of the wires, forming a truss that makes the fence perfectly rigid and strong.

M. T. Buchanan, Ingersoll, also showed a fence on something the same principle, except that a wide band with a slot and a crimp in the wire forms a place to run the wire stay

wide band with a slot and a crimp in the wire forms a place to run the wire stay.

Then there was the Page wire fence, which was described in our Sept. 1st issue. This fence is built in the shop, and has many friends. It is quickly put up, and if done right forms a strong

barrier.

A new (to us) design in wire fencing is the Truss and Cable wire built by the Ontario Lead & Barb Wire Co., Toronto, Ont. This is formed by the separate cables which are made of two wires twisted together, and in which a square mesh woven between forms the truss. This makes a strong and visible fence, and if it can be placed cheaply on the market, would attract much atten-

tion. It is made by a machine in the shop.

In movable fences there were two exhibits at Toronto that are particularly handy on the farm. This consisted of the Harris fence, which is built of inch lumber, except an upright which has a foot to keep the fence from blowing down. An iron dog keeps the hurdles in place. This fence is quickly removed, and may be opened at any point. In the March issue of the ADVOCATE this fence was illustrated in the advocations as least the fence was illustrated in the advocation of the second control of the second

trated in the advertising columns.

Another fence which was much approved of was the Duncan Fence, also movable. This fence was built with hardwood, the bars being 2x 2, with a movable end formed like an A. There was a barbed wire on the top of each hurdle. This fence is quickly removed and easily set up again.

Crowded Out.

The crowded condition of our columns this issue prevents us publishing a full report of the sheep and swine departments at the World's Columbian Exposition, Chicago. In the sheep departments Canadians were very successful; many of the winning animals in each class were bred or fitted in Canadia. In the swine departments the judging is going on at the time of writing. We learn that Mr. Joseph Featherstone, M. P., has been very successful in the Essex class. The show of sheep and pigs is marvellous, both in number and quality. One of the most noticeable features is the almost total absence of inferior animals. In our next issue a very full report will be given of each class in the sheep and swine divisions.

New Appointments at the Ontario Agricultural College.

Several new men have recently been appointed to fill vacancies at the Ontario Agricultural College, and, after careful inquiry, we have no hesitation in congratulating the Minister of Agriculture on the wisdom of his selections. The following gentlemen have been added to the staff of the College:—

Wm. Rennie, of Swansea, Farm Superintendent; G. E. Day, B. S. A., Eramosa (Wellington), Lecturer on Agriculture; H. L. Hutt, B. S. A., Southend (Welland), Lecturer on Horticulture; J. B. Reynolds, B. A., Oshawa, Assistant Resident Master.

Some important, and we think wise, changes have been made in the department of Agriculture. Hitherto, the lecturing, experimental work and superintendence of the farm have been all under one man, who has spent the greater part of the time in his office, or in the College class-rooms; but henceforth the work and responsibility shall be divided: Mr. Day will be the lecturer on agriculture; C. A. Zavitz, B. S. A., will take charge of the experimental work; and Mr. Rennie will devote his undivided personal attention to the management of the farm and live stock, and the instruction of the students when at work in the farm department.

The appointment of Wm. Rennie to the position of farm superintendent has assured the success of the farm department. Mr. Rennie was born and brought up on a good farm in Scarboro, east of Toronto. For a number of years he was known as one of the tidiest and most successful farmers in Ontario. After a time he opened a seed store in Toronto, and finally became a somewhat extensive dealer in Clydesdalehorses He carried on the farm, the seed store and the horse business all together and with marked success. Mr. Rennie is a genial modest gentleman. He has been very successful in everything he has yet undertaken, and if he fails at Guelph it will be the first time in his life. He says the College farm is in a very different condi tion from what has recently been proclaimed with such a flourish of trumpets in some of the daily papers. On arriving at Guelph he found the farm so far from being anything likerclean, and things generally on the farm in such a shape, that he in sisted on the executive committee of the board making a thorough inspection before he entered on his duties, and he has since asked several farmers who have been misled by the statements in the papers to go to the farm and see for themselves. Already the students are beginning to express their appreciation of the new order of things under Mr. Rennie. They begin to see the difference be tween office management and the close, personal superivsion of a sharp, competent man, who is always moving about amongst both men and students at work.

Mr. G. E. Day is a young man about twenty-six years of age. He worked on a farm in the neighborhood of Guelph till he was twenty. He then went to a Collegiate Institute and took a second-class certificate, upon which he taught public school for a time. Afterwards he went through the full course of the agricultural college, and received the degree of B. S. A. from the University of Toronto. During the past summer he has been electuring very acceptably in connection with one of the travelling dairies in Lambton, Huron and Bruce. The farmers in the county of Bruce speak in strong terms of Mr. Day's practical knowledge

and ability as a speaker. Mr. H. L. Hutt is also a young man about twenty seven years of age. He was brought up on a fruit farm in the Niagara district. He entered the Agricultural College in 1888, and after the completion of the course received the degree of B. S. A. from the University of Toronto in 1891. He took the highest standing in horticulture that has yet been taken by any student in the College. After graduation he went to work on his own farm, but during the past summer he has been employed at special work in horticulture under Prof. Bailey, in Cornell University, in visiting the leading nurseries and large gardens in the neighborhood of Rochester, New York and Boston, and in examining the work done in the best fruit districts of Ontario. We have no doubt Mr. Hutt will prove a successful lecturer and efficient worker in the department of horticulture.

J. B. Reynolds, B. A., the new Assistant Resident Master, is a farmer's son. For the last few years he has been well-known throughout South Ontario as one of the best and most scholarly young men in that part of the country. He has had several years experience in public school teaching, has gone through the school of pedagogy, and has completed a brilliant honor course in the University of Toronto. We understand that the students at the College are much pleased with the beginning he has made, and we feel safe in predicting that he will be a very efficient and successful assistant resident master.

Every room in the College is occupied, and the extlook is most encouraging. We congratulate President Mills on the prospect. Now, with a staff of able and loyal men about him, and backed by an extelligent, progressive Minister, he will no doubt succeed in making the Ontario Agricultural College the pride of this province.

STOCK.

Air Space in Cattle Barns.

The number of cubic feet of air required per head is a subject that we receive many enquiries about by those contemplating building stables for attle and horses. The general plan of ventilation is paid so little attention to, that many losses as-cribed to other causes are frequently from want of attention to this essential. Within a few miles of this city a cattle barn with stone basement was built, the proprietor thinking that he had succeeded in providing comfortable quarters for his cattle that would last his life time; but when during the first three years he lost a large percentage of his fatting cattle, he was thoroughly nonplussed and seriously thought of abandoning the new stables. However, he called in an expert, who quickly told him the seat of the difficulty, and conlemned stables where little or no ventilation was properly provided for. In this case it was remedied by merely cutting holes in the walls just under the sills, which had the desired effect, as there has been no recurrence of the trouble since. A writer in the Surveyor gives his idea of how much trouble may arise for want of care in this matter, taken from an Old Country standpoint. By far the most fatal disease that affected dairy stock, he says, is tuberculosis, and he quotes statistics to illustrate the fact that a supply of pure air had a very direct effect in diminishing the amount of sickness among stock, and in reducing the death rate even from diseases that were not supposed to be specially associated with the condition of the atmosphere. Recent investigation had shown that tuberculosis prevailed in cows to an extent that would be held incredible if proof were not so undeniably absolute. Statistics showed that from 20 to 25 per cent, of our cattle were more or less tuberculous; but the death rate from the disease was small as compared with the number of animals suffering from it—the average death rate in dairy stocks of Ayrshire cows in the west of Scotland being, he estimated, 5 per cent. The loss to the owner, however, amounted to more. Of the remaining 15 per cent. diseased, the most part were, perhaps, sold to the butchers at low and unremunerative prices while the disease was in its incipient stages. Among those in the byre there was also a further loss incurred from diminished quantity of milk yielded by the cow during her illness. He was disposed to consider that the annual loss caused directly and indirectly in the dairy farms of the west of Scotland by tubercular disease could not be estimated at less than 7! per cent. of the total, value. In round numbers, tuberculosis caused an amount of loss to the owners of dairy stock in Scotland of nearly £440,000. the county of Wigtown alone the loss amounted to £22,000. In Ayrshire there were 50,000 cows, the loss amounting to £49,000 per annum. In other words, extirpate tuberculosis from Ayrshire, and the farmers could pay annually £49,000 more rent. There was another matter which must not be overlooked. It could not be doubted that the presence of this disease in our milking herds constituted a distinct danger to the health of mankind. Ventilation was the primary condition of a pure atmosphere in a byre; but that could not be made effective without a sufficient cubic space. The actual amount of cubic air space required per cow had been variously estimated. The Board of Supervision recommended 1,000 cubic feet, while the Local Government Board recommended a minimum of 800 cubic feet. The lecturer was disposed to think that the space of 800 cubic feet, adopted in Glasgow on the recommendation of Dr. Russell, was what ought to be aimed at in all the south-western counties of Scotland.

Chatty Stock Letter from the States.

(FROM OUR CHICAGO CORRESPONDENT).
The choicest native beeves sold at \$5.90; top

The choicest native beeves sold at \$5.90; top hogs sold at \$7; fancy sheep sold at \$5, but good sheep have been selling under \$4, with holders crazy to unload. The drought has been broken throughout most of the corn-producing area, and the demand for stock and feeding cattle has sprung up wonderfully. Distillery cattle feeders are getting a harvest among the western range cattle at \$2.60 to \$3. The best western range beeves sold at \$4.75; some that had been hay-feed during the winter sold at \$5.10. The practice of hay-feeding in winter is a growing one in the far west.

Pregnant sows, within a period of two weeks on either side of farrowing time, are now condemned by the States Government. The packers seem glad to co-operate.

Native "beef" cattle the first nine months of the present year averaged fully fifty cents per hundred pounds higher than the same period last year. The top price yesterday was \$5.75, being within 60c. of the highest price of the year.

Receipts of cattle at the four principal western markets last month were 85,000 larger than in August and 109,000 smaller than in September, 1892. During the first nine months of 1893, Chicago, Kansas City, Omaha and St. Louis packers slaughtered 70,000 more cattle than the corresponding period last year.

For an all-round hog the Berkshire seems to hold her own in great shape.

Shropshires and Southdowns seem to have the right of way at the great Exposition.

The Shorthorns have lately been taking first honors in the greatest live stock markets in the

world. So far this season they have taken top prices, with Angus beeves next best. It must be admitted that the open market is a pretty good test.

The hig beauty here are beginning to sell more

The big heavy hogs are beginning to sell more readily than the light weights. For so long the small pigs have been at a premium that raisers of mature heavy porkers have felt discouraged.

It must be very gratifying to Canadians, especially those of Ontario, to see how gallantly their shepherds defended the fair fame of the Dominion for fine sheep at the World's Columbian Exposition. At the reception of Canadian sheep men at the Canadian headquarters, Lieutenant-Governor Kirkpatrick, of Ontario, on being called on for a speech, believed that in the sheep exhibit Canada had taken 60 first prizes, against 24 for the United States; 45 seconds, against 24 for the States; 42 thirds, against 21 for the States; against 23 for the States—or a total of 137 against 92. There was still another class to hear from, which might increase Canada's total. The number of sheep shown by Canada was 270, as against 300 by the United States.

Entries for the swine and sheep exhibits at the Exposition were as follows: Swine—Illinois, 214; Indiana, 132; Iowa, 91; Kansas, 23; Kentucky, 8; Michigan, 83; Minnesota, 1; Missouri, 139; Nebraska, 198; New York, 134; Ohio, 241; Ontario, 86; Pennsylvania, 53, Wisconsin, 15; total, 1,418. Sheep—Illinois, 90; Indiana, 73, Kansas, 52; Kentucky, 19; Michigan, 116; Minnesota, 17; Missouri, 55; Nebraska, 13; New York, 121; New Jersey, 22; Ohio, 86; Ontario, 431; Pennsylvania, 81; Russia, 24; Vermont, 91; Wisconsin, 75.

The display as a whole was pronounced to be one of great excellence, but the best things came from Canada or England.

Horses are selling somewhat more readily, but the approach of winter forces in many at prices which owners were unwilling to take as long as keep was at a minimum.

"Holsteins as General Purpose Animals." [Read by T. W. Charlton before the Annual Meeting of the Canadian Holstein Breeders' Association.]

I think it is great presumption on my part in attempting to give anything either interesting or profitable on this subject to those who have been long and successful breeders of Holsteins. But as there are a good many people who are not familiar with the characteristics or merits of this breed, a brief sketch of their origin and home may be helpful, especially to those who may be searching for the most profitable kind of cattle; and among all the various breeds known at present, there is none entitled to so much meritor coming so near the requirements of a general purpose animal as the Holstein Friesian, being the product of the most favorable natural conditions.

Their home and origin, as far as can be traced, was on the fertile flats of North Holland and Friesland, noted for their fertility from a very early period, every condition of soil and climate calculated to develop a large and hardy breed of cattle. And when we find that the industrious Hollanders were the pioneers in dairy husbandry, and that their products in amount and quality have never been equalled by any other people on the same area, we see the reason of their zeal and effort to perfect a breed of cattle suited to their special industry. To them the typical dairy cow has been the image of profit.

To develop in the Holstein offspring those qualities that should add to their value for this particular purpose has been their study, not for one, but many centuries. Thus strength of heredity has been acquired an intensified through successive generations.

Thebreed characteristics have become so firmly established that we can depend on their being transmitted to their offspring in a remarkable degree. Some of these characteristics are:—Color (with the exception of the Aaggie family, the color is almost invariably black and white, both in pure-bred and grades), rapid growth, vigor, early development, shape, large size, heavy weighing either alive or slaughtered, and gentle disposition; these qualities place them in the front rank as producers of veal and beef, and unequalled producers of milk for cheese and butter. I admit that the standing of the breed in our beef markets is not what its actual merits entitle it to, but do not be distracted by any clamor that the breed is wapting in beef quality; there is no doubt that prejudice has contributed largely in this matter. Prejudice is very likely to be the child of ignorance.

It is the lack of a knowledge of the facts that very often leads to wrong impressions and to false conclusions. There has been such a demand for pure-bred Holsteins for breeding purposes that very few have found their way to the principal beef markets hardly enough for dealers to grade them in value properly, yet without knowing how or why dealers class them unsatisfactory for the markets.

For dairy purposes the Holstein-Friesian cow is preeminently above all others in turning the products of the fields into the best and largest amount of mi k for the city dairyman, or for the cheese factory or creamery. Would it not be wise then, since dairying has become a necessity to the farmers of Canada on account of the "McKinlev Bill," "National Policies," monopolies and all other plagues, for the Canadian breeders of Holstein-Freisians to maintain and improve the dairy qualities of the noble black-and-whites?

Our Scottish Letter.

September is usually a busy month with Scottish farmers, but this season has been an exception to the general rule. Harvest had in most cases been finished by the middle of the month, or even earlier, and the farmers had more leisure to attend to the other interests which concerned them. Sales of Shorthorn and Aberdeen-Angus cattle, rams of all the breeds of sheep-Black-faced Cheviot, Border Leicester and Shropshire-and Clydesdale and Hackney horses, have been numerous, and prices at ail of them have been well sustained. Before referring to these at length, a word must be said on farming prospects in general. The abnormal character of 1893 as an agricultural year has been frequently referred to, and possibly nothing connected with it is more striking than the different stories which would be related of it by farmers in Scotland and the north of England, and those in the west and south of England. A dry season like 1893 fits the northern part of the island to a nicety, but this year at least it has meant disaster and famine in the southern part of the kingdom. There, there is neither grass nor fodder, and many of the farmers who in recent years have gone from Scotland to England are earnestly wishing they were back again north of the Tweed. The tables are turned, and the north is the land of Goshen, while the south is like the region round about Gaza—desert. Our crops have all harvested well. There is not the bulk of grain in the stack yard which is desirable from the foddering point of view; and now that foreign countries send us such supplies of grain, this is of greater importance than it once was. The hay crop in general was an average, and in some localities it was more than an average. Those who have good supplies of it will do well, although prices-thanks to foreign friends-are less buoyant than was to be anticipated from the scarcity in the south. It is selling at present at from £6 to £8 per ton. Oats are a good crop, and the quality of the grain is excellent. Birley, curious to say, is not well colored, and to some extent disappointing. Wheat used to be the crop of the year, but this is altered now, and while many continue to grow it, less attention is paid to its price and quality than once was the case. You send such quantities of it to us from the Northwest that it scarcely pays to grow it here, except in the vicinity of large towns, where there is a good demand for wheat straw and farmers find it profitable to grow the crop for the sake of the straw alone. Beans are only grown on what we call carse land—heavy, stiff clay—which requires a great amount of hard work to get it into order. The past season has been a very favorable one for them, and the crop is better than an average. The position of the Scottish farmer at the present time is much more favorable than it was a year ago; at the same time seasons of plenty and scarcity do not affect his financial position nearly so much as they once did, because the amount of foodstuffs which are imported serves to equalize the markets so that prices maintain a wonderful uniformity. Live stock is more and more coming to be regarded as the sheet anchor of agriculture here, and recent sales have tended to illustrate this in a marked degree. The ram sa'es are great events, and crowds of breeders attend them from all parts of the country. So far the highest individual price has been paid for a namely, £110, Black faced rams have made such prices as £87, £65 and £30. Shropshire rams are in England commanding much higher prices-making, indeed, record prices: but even in Scotland, at Mr. Buttar's sale at Corston, £30 was paid for one by an English buyer. The highest price realized for a Cheviot ram this season has been £41. This breed is not nearly so popular as it once was. It excels all the northern breeds in quality of wool, but the poor price which this commodity is now making does not warrant farmers in continuing to breed Cheviots, when breeds which, although not to be compared to the Cheviot for wool, surpass them in mutton properties can be bred to better advantage. The Black-faced ewe has much stronger maternal instincts than the female of any of the other breeds, and hence is very popular for crossing with the Border Leicester ram to produce strong, early matured lambs. Border Leicester mutton is not the first quality; the value of the breed lies in the merit of the ram for crossing with Black-faced or Cheviot ewes. The produce of the former cross are called cross-breds, of the latter half-breds a tacit acknowledgment of the distinct character of the Border Leicester and Black-faced breeds. and the possible intermingling of the blood of the other two breeds at an earlier period of their his-SCOTLAND YET.

Some dairymen allow their heifers to go till two years old without breeding, thinking that it is essential to have a large, well-developed cow before the time for calving. This idea seems all right at first sight, but when we know of heifers calving at two years old, and producing in the neighborhood of two hundred and thirty pounds of butter the first season, it is worthy of consideration at what age they should be bred. No doubt some of the breeds have suffered in size by early breeding, but when the milking qualities are improved and the constitution not weakened, surely early coupling

Sheep Breeding in Alberta.

A VISIT TO MR. F. WHITE S MERINO RANCH, MITFORD,

ALBERTA. BY A FARMER'S DAUGTHER. Sheep breeding is one of the important industries which is yet in its infancy in the Northwest. It is receiving considerable attention from a few breeders throughout Alberta now, but as yet has not aroused anything like the interest the importance of the industry merits. In the Calgary district there are thousands of acres of undulating prairie lands which seem especially adapted for pastures, the grasses being those which sheep most delight in and thrive on, and they are not afflicted with the diseases so common in other countries. On the different farms of the C. A. C. and C. Company, extending from Gleichen to Swift-Current, there are something like forty thousand sheep. Next to them, and the largest individual breeder in Alberta, is Mr. Francis White, of Mitford. Besides these, there are a few ranches breeding on a much smaller scale, but in a country which can support its hundreds of thousands of sheep this may be considered only a beginning, and for a settler who has given any attention to the industry, and has sufficient capital to give him a good start, no better ppening can possibly present itself. Merino Ranch. the property of Messrs. F. White & Co., is situated on the south side of the Bow River, thirty-two miles west of Calgary. It contains thirty-four thousand acres of splendid pasture land, well watered by the Bow River in front, the pumping pond at the back, besides numerous creeks and springs which intersect the ranch, making it an ideal place for sheep farming. Mr. White's first importation was made seven years ago, with twenty-one hundred Merino sheep from Montana. Since then, finding the additional price for wool did not make up for the loss in mutton, he has crossed with Shropshires, thus securing a larger sheep, getting almost the same price for wool, and finding them better mothers. The band at present numbers 4,300 sheep and 1,750 lambs, and is always kept at much the same size. In the summer the sheep are divided into flocks of from 1,500 to 2,000 each, a shepherd and three or four dogs taking care of them as they wander over the prairie. At night they are brought under shelter, and are held by portable corrals of wire netting or hurdles, the shepherds occupying tents or log huts which are erected at intervals. Their pastures are changed as often as possible, so as not to allow any distastes for the grass over which they have frequently trodden. In winter they are held in four camps two are called the home camps, two and a-half miles apart, where all the lambs and weaker sheep are kept and fed hay two or three times a day, in the outercamps being all the strong sheep, which are only fed during very stormy or cold weather. Each of these camps consists of sheds large enough to hold 2,500 sheep, stable for horses, and cabin for shepherds. Until last winter the dry sheep were not fed, but since then Mr. White recognizes the advantages of feeding all once a day during the very the putting up of from 350 to 400 tons of hay for the winter supply, but the difference is more than made up by the condition in which the flocks come out in the spring. The lambing season begins about May 12th, and lasts for about five weeks, the crop generally averaging about ninety per cent. Strange to say Mr. White informed me they had very few twins in the band, nor do they care for them, owing to the difficulty in large bands of keeping the mother and lambs together. The market for mutton is yet purely local, the dealers doing whatever shipping is done, but as it is the demand is sometimes greater than the supply. The wethers are sold off at two years old, and at that age average, dressed, from fifty to sixty lbs. At the time of your correspondent's visit shearing operations were in progress one of the finest sights in connection with the business. The sheep are driven into a long shed which is divided into pens, the front part, on which the shearing is done, being floored. Two shearers take up their position in each pen, and they catch the sheep, shear it and tie up the fleece, some of them being so expert that they average a hundred fleeces a day. The wool is not washed, but turned into a powerful press from which it is turned out somewhat similar to a bale of hay. These bales are sowed in canvas, sold to eastern buyers, and by them shipped to Montreal, Toronto and Hamilton. The clip this year, notwithstanding the unusual severity of last winter, averaged about 51 lbs. Unfortunately for the Northwest sheep farmer, the price of their wool has declined during the last five years, wool which then sold for sixteen cents bringing now only twelve and a-half. Mr. White, however, considers the outlook for successful sheep farming in Alberta very bright. He has had considerable ex perience as a breeder and manager of live stock. and is well versed in everything pertaining to sheep husbandry, so that under his efficient management the future success of the ranch seems most assured.

FARM.

Plan for Piggery.

In our July 1st issue, we offered \$5.00 as a prize for the most satisfactory plan for a piggery for the farmer. The successful competitor is Mr. Walter Cowie, Valens. Among the many essays which we have received, none have given what we would consideranideal piggery, although by taking ideas from different papers we will endeavor to give a few plans from which farmers can select their choice and make changes to suit their conditions and ideas. The essayists favor two general styles, viz., one having pens on either side of feeding passage, or on one side only. Another plan given by D. F. Wilson, Brandon, is the octagon or eight-sided figure, which has some good points.

The important qualifications of a piggery are a good, dry location, convenient to the other farm buildings, to be substantially and cheaply built of material of a lasting nature, the building having convenience in feeding and shifting pigs, in cleaning out and saving the manure, also rat-proof and free from draught. For a building with pens on either side of the passage, a very economical width is about twenty-five feet, which allows for a five foot passage, lengthwise, between the pens, and ten feet deep for the pens, including the partitions. The length must depend on the number of pigs that are kept, which will be decided by the builder.

The material used in building will depend somewhat on condition. A frame building will answer very well, but should under all circumstances have a stone or brick foundation which should rise to two or three feet above the surface of the ground, says Wm. Thompson, Blenheim, so that when wood is used it will be up high and dry. It is necessary to have a wall that will ensure warmth, also one that will not become damp or frosty in very cold weather. A very satisfactory wall is made of fairly good lumber, nailed on the outside of stud-ding and batoned; the inside should be covered with rough lumber, then a layer of tar paper, which should be covered with boards up to where the pigs can reach. Above that, strips of lathing answer, well for holding paper in position. As wil be seen, this wall has an air space which renders it frost-proof; also is not easily affected by sudden changes of weather. Recommended by D. Wylie, ardinal, to have two thicknesses inch lumber outside, tar paper between, lined inside, and stuffed with sawdust or grout if necessary.

There is a great difference of opinion as to which is the best floor to use, some claiming a great deal for cement, while others talk up the block pavement, or a plank floor. The superior qualifications claimfor the cement floor are its lasting and easy cleaning qualities, but they are considered by others as being too cold in winter, which produces rheumatism and death of young stock. Block payements are recommended by very few. They are objected to on the strength of their being disagreeable to clean, always damp and foul smelling. plank surface floor has, however, no fault finders. and appears to be the best yet. It is made in the same manner as the cement floor, all but the surface. In building it, the surface soil must be removed until a solid foundation is reached, which should be filled in with small stones or gravel, then a layer of mortar, then two inches of Portland cement, in which cedar scantlings are embedded, making a plain surface. The planks can be nailed to the scantlings, making a firm floor, which will be ratproof and healthy. It has also been recommended not to spike the floor down, but to slide the planks in under the trough from the alley without nailing, so that they can be easily removed in order to thoroughly clean and ventilate the floor, which is certainly a very important matter. It is necessary to have a gutter running lengthwise of the pen into which moisture will drain. There are three situations recommended for the gutter, one being just beneath the feeding trough, arranged so as to be cleaned out from the feeding alley and covered with a plank which is easily removed. The objection to this situation would be the disagreeable smell in the passage and near the pigs while feed-A more favored place would be at the side of the pen farthest from the feeding passage, where all the filth will the more readily accumulate and be cleaned out every day or two. When pigs are being fed on refuse from the cheese factory or creamery, the forces will be quite liquid. The centre situation has commendable features, says John Holborn, Belmont; it should lead through the entire building to a manure shed, where it should be thrown on long manure or muck. A slight fall should be given to the gutter, which will render it very easily cleaned with an old broom. The floor should also incline to the gutter wherever it is placed. The gutter should be flat bottomed, and wide enough

to admit of a shovel or fork to be used in cleaning it. Thos, Grayson, Moosomin, claims that the floor of the feed-room and alley requires no plank covering, but a cement or concrete surface gives best satisfaction. Cement troughs have been recommended, and we see no reason why they will not give satisfaction.

Each pen should open into a roomy yard. T. W. Smith, Scotland, recommends manure alleys. The partition dividing the vard should have gates whose ends meet the side of the pen, and when all the gates are opened an alleyway will be formed through which the manure is wheeled or drawn away

titie allo kee

tha

side

tro

doo

itio

feed

and

hun

rais

abo ad

 \sin

but

an

ide 100 tro eas Ov rea bre

to the shed or field, as the case may be. The gate need not cost any more than the rest of the partition, except the hinges, and will be a great conven

D. F. Wilson, Brandon, and others, have used and strongly recommend that the opening leading from the pen to the yard be supplied with two doors, one fitting moderately tight and hung on the side, while the other is hung from the top and allowed to swing both ways, so that the pigs can go in and out during cold weather, always shutting the door after them. This can be hooked up if necessary. That the pen should be divided into sleeping and feeding apartments is strongly advised, as in that case the bedding can be kept dry and from littering the whole pen.

Except when cement troughs are used they should be made of three planks spiked together, about ten inches wide at the bottom and twelve at the top. Strips of hoop iron should be nailed on the edges, or anywhere else that the pigs are likely to chew. The partition between the feeding passage and each pen should be about four feet high, and hung at the top so that it can be swung in at the bottom past the trough to facilitate the cleaning of the trough and pouring in feed. Recommended by H. E. Baker and others. This swinging partition should have stall-like divisions, with head plank attached, just high enough to allow pigs to get their heads in, and yet keep their feet from the trough, so that when pigs are feeding no crowding or fighting need result. (This is not shown in the illustration.) The divisions were recommended by J. H. Pedlar, Wheeler. Three-quarter-inch iron rod bent into a triangle shape and bolted at the top and bottom, appears to be the best recommended divider. According to recent experiments feeding dry meal and water separately produces satisfactory results, and where this is desired to be practised two troughs will be necessary. The water trough in that case need not be long, and can run along the side of the pen at right angles to the feeding trough. A swinging partition will answer for a door, through which the pigs can be brought into the passage and changed from one pen to another; or perhaps a handier way, but more expensive, would be to have the feeding trough and swinging partition say two and a-half feet shorter than the width of each pen, thereby leaving room for an ordinary door to be placed in that position.

The pens for breeding sows, boars and fattening pigs should be somewhat differently arranged. The sow pens need not be so large as the feeding They should also be situated away from the pens. possibilities of draught from the doors. The gutters should be very shallow, for the safety of the youngsters. If a continuous gutter is used through the entire length of the pen, John Holborn claims that the floor of breeding pens can be gradually lowered to the gutter instead of raising the gutter up to the floor. When the young pigs are old enough to help themselves at the trough a part of the pen should be divided off, and an entrance made for them to go in and out at will. W. R. Brown, Dufferin Co., has weaning pen situated next the brood pen, and when not already in use it will answer for the feeding pen before weaning. It is also convenient in this place, if it is desired, to wean the pigs by two's and three's as some prefer, as they can be caught and lifted over quickly while the sow is feeding. A low trough will be in order in this pen.

The fattening pen can be made to accommodate ten or twelve pigs very well, which should be about the outside limit.

The boar pen or pens will do much narrower than either the sow or fattening quarters, but should be connected with a grass paddock, which can be easily arranged if the pen be placed at one end of the piggery. It would be advisable to make his partitions higher and stronger than the others his partitions higher and stronger than the others Recommended by W. B. Brown, for safety. Dufferin Co.

The feed-room has several locations among the numerous essays. Some would have it extend just half way across the pen, while others strongly advise that the whole width be used. The width of feed room will depend on the uses to be made of it. If simply for mixing feed one side should be enough, but as a good many feeders think they must have a furnace more room will be necessary. Again, and it looks reasonable, that the slaughtering and cutting up may just as well be done right here, which room may be utilized as a work shop during winter months. We have received some good ideas in connection with the killing and dressing room from J. Pedler, Wheeler. For scalding use a trough seven by two feet, in which the pigs can easily be rolled by means of two chains or ropes in the hands of two men, which also answers for turning them out on the platform to be scraped. Overhead at right angels to the trough runs a track as used for the hay fork. When the carcass is ready for hanging up, attach a rope to the gambrel, run it up through the loft floor close by the track over a roller firmly attached, then along to another roller, also attached to the floor, then down to a windlass attached to the wall of the dressing room. Now, have a roller hook to catch on to the gambrel with a pulley on the track. The rope can now be removed and the pig run back for dressing. It will be most convenient to have a roller hook for each pig, then no lifting by hand need be done.

There are several reasons why a piggery should

an upper story. Where the feed-room is large enough to hold a considerable quantity of grain, the loft can be used to hold straw for bedding, but an up-stairs granary is convenient when arranged to convey feed down by spouts with slides.

As water is an important element in the piggery, should endeavor to have it as convenient as possible, and where not supplied by a spring or windmill, why not have the cistern up in the loft? So long as there is any fall from the roof's edge into it, it is just as well in the loft as underground, which will do away with all the pumping. can be conveyed to every trough if desired, and with a tap attached we have complete waterworks. This arrangement may be very useful in case of fire. Where no upper story is used a spout can be connected with the pumps outside and the inside of

building, so that no carrying of water need be done. Proper ventilation is important. When a loft is used to store bedding, the openings used for putting down straw will answer for the ventilation. A cupola on the roof is necessary to carry off the steam, thus keeping the walls dry. Perhaps a better arrangement would be to build air passages connecting the pens directly with the cupola, which will cause a draught that can be opened or closed at will.

Trees planted around a piggery provide protection from the sun in summer and storms in winter. If a piggery is desired to be built having pens on one side of passage only, the difference in build ing will be just the width of one row of pens. There are some advantages, however, in one sided pens, as by it the vards can all have a southern aspect, which is a great advantage in the winter months.

When the two-row pen has only one story, and is desired to face the south, the sun can be admitted by building the north slope of roof much higher, and having a row of windows to fill in forming, a skylight perpendicularly above the centre of the building; but in most cases the two-row pen running north and south gives the best satisfaction, as the sun enters every part of the building during some part of the day, and the yards will be on the east and west sides.

The octagon has some advantages over the square or oblong shapes, as it requires much less wall than either for the same amount of space; also allows opportunities for more roomy yards. The feedroom can be arranged in the centre of the building, where also can the cistern or well be placed. door should be on the north side, so that each yard will get sunshine at some part of the day.

For a Manitoba piggery warmth is an important feature to be sought. The walls as given above should answer very well, but care should be taken to well overlap the tar paper, or even a second layer might be put on to advantage. The roof, however requires some change from an ordinary Ontario sheeting and shingle roof. To have it as frostproof as possible is a desirable quality. A very good roof, recommended in an essay from that country by Thos. Grayson, Moosomin, is made by covering poplar rafters, which should be quite close together, with hay or straw, on which a layer of sods three inches thick is placed, then about an inch of fine clay well raked into the cracks. This roof is said to turn any amount of rain, and gives good satisfaction in that country.

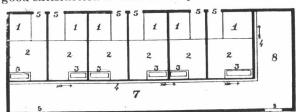


ILLUSTRATION A.

The accompanying illustration A shows the ground plan of piggery recommended by Thos. Grayson, Manitoba, with one row of pens, or one side of two row plan. No. I shows position of sleeping apartment, which may be slightly elevated and enclosed by a partition just sufficiently high to hold the bedding; 2, feeding apartment; 3, troughs, which should extend across the entire pen or within the width of a door opening into the passage; 4, gutter placed beneath the trough and along the feeding passage (other positions are given above); 5, doors (those along the feeding passage will have to be placed at the ends in case of the double-row pens); 7, feeding passage: 8, feed room.

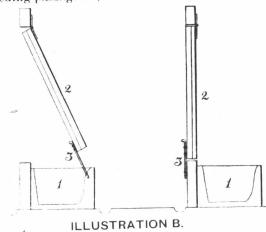


Illustration B shows the swinging partition between the feeding passage and pens. No. 1, trough: 2, partition: 3, sliding bolt to fasten the partition on either side of trough.

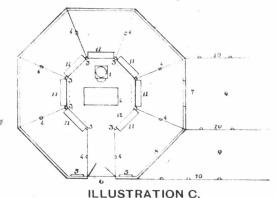


Illustration C is the ground plan of octagon piggery recommended by Alfred Eason, Manitou. o. I shows position of furnace; 2, feed bin; 3, posts, 4x4 inches and 12 feet long; 4, scantlings, 2x4 inches and 9 feet long; 5, windows, 2x2 feet; 6, entrance; 7, door; 9, pasture; 10, fences; 11, troughs, 5x1 feet and \(\frac{1}{2} \) foot deep.

FIRST PRIZE ESSAY.

Description of Plan for Piggery.

BY WALTER COWIE, VALENS, ONT.

Size. -28 ft. wide; 36 ft. long or more, according o number of pigs kept; 8 ft. siding.

Passage.—4 feet wide through entire length. Pens. -- 10x12 feet, with swinging doors for egress o yards at side. Pens of such size ought to hold six pigs for feeding, or one sow and litter, although for latter special pens should be provided with small enclosure where sucking pigs may be fed separate from sow.

Troughs.—May be made by spiking 2-inch plank in the ordinary way that troughs are made. The front of pen should swing from bolts passed through the upright 4x4 inch supports, and be provided with a bar in the middle sliding up and down, so that the troughs may be filled without interference from the hungry hogs.

Feed-room. 6 or 8 feet wide, and the entire width of the pen; one side may be utilized for a plank boiler with sheet-iron bottom built into strong mason work, and with fire-place 18 inches at least above level of floor. The other side may be utilized for swill-barrels, etc. The whole should be separated from main pig-house by a partition.

Flues.—The feed-room should be supplied with a flue to carry off steam from boiler; two flues should also be provided for main pen.

Floor.—May be constructed of hardwood planks laid in cement upon a layer of stones covered with gravel. The planks (preferably oak) should be laid about 11 inches apart and this space filled with cement. By drawing the point of the trowel through the cement a shallow groove, say ½ inch deep, may be formed, which will carry down the surplus moisture to the gutters on each side of the

Gutters. May be formed in a similar way to above groove, only they should be deeper, terminating in a receptacle either in or outside the pen, which should occasionally be supplied with plaster to keep down foul smell, as well as to absorb the valuable manurial properties of the urine.

Walls. Built balloon fashion, studs 2 feet 10 inches apart, boarded inside and out, and filled in with concrete; false girts should be placed between studs, about midway, to strengthen walls, and for nailing the outer siding to.

Garret.-Above feed-room should be provided with bins, from which spouts lead downwards from bottom to provide easy and economical facilities for feeding.

Water.—Should be piped to pen from windmill or spring, or be provided by means of cistern or well, so as to be readibly accessible.

Paint. -Paint the walls# from motives of economy, as well as to make pen look neat. If paint is beyond your means, whitewash with water-lime and milk, or even with common lime. The inside of pen should be whitewashed at least once a year.

Provide a place for salt, ashes and lice destroyers, and use them.

Windows. - Place a window in wall for each pen. Have them constructed at such a height that manure can be readily loaded through them into a cart, and use the windows for such a purpose pretty frequently.

If the corn is too dry or wilted, through being over-ripe or frosted, and will not heat properly in the silo, Mrs. A. M. Bragg, a Wisconsin dairy-woman, overcomes this difficulty by sprinkling about four pails of water with a garden sprinkler on each load as it falls into the silo off the carriers.

m; ioi

wa

pla

did

ma

oth

mo

am

tur

and

the

hor

tim

ma

tha

Ranching vs. Mixed Farming.

BY "AN ALBERTA ABERDONIAN."

To the youthful mind imbued with a desire for novelty and adventure, the idea of ranching out west, with the necessary accomplishments of "roping," "branding," "broncho-busting," etc., etc., has always cast a rosy glow on the land of the setting sun, and surrounded it with a halo of romance and Buffalo Billism. Like every other pleasure in this life, the joys of anticipation in this respect are greater than the joys of realization, and the "tender foot" finds that roping may even become "hard labor," and positively "beastly don't you know," when the bottom of the corral presents an even surface of six inches of mud; and "broncho-busting" may be very exciting, but when you get pitched on the ground you fall just as hard, and feel it just as painful as if you had fallen from a "gee-gee" at home. Moreover the ranch may be the only building in sight on the wide prairie, and your heart may be gladdened now and again by the sight of a lonely coyote sneaking around, or a neighbor dropping in may confidentially impart the information that a bear was seen two years ago in the bush at the back of the hill. Still after a time, when the novelty has worn off, it takes a pile of such like "romances" put on the top of each other to make up for the lack of society, with its luxuries and its conveniences.

Sad to relate, but nevertheless true, the halcyon days of ranching will soon be a thing of the past to a great extent. In the history of Western America we find individual cases where ranching has been remunerative, but with time the condition of markets and things in general have altered circum-

stances To make ranching, as a large concern, return a paying dividend of course depends a great deal on the individual management at the head of affairs, but there are certain conditions opposed to the successful management of ranching proper that the stockman on a small scale can more efficiently cope. The results, however, depend a great deal on the line of business that has been adopted; for instance, ranging stock for beef purposes is one thing, while stock raising is another and requires far more supervision, and it is in stock raising that the small stockman has the advantage of his more aspiring neighbor. In the first place, through being able to bestow his individual attention on his stock in a manner, so to speak, he receives the full benefit of his investment. In stormy weather he is able to lay his hands on them and give what assistance is necessary in the shape of feed and shelter, just at a season of the year when cattle, such as weak cows and calves, in the outlying district, are at the mercy of the timber wolves, which are becoming an increasing pest and a source of loss to stockmen on the ranches. Again, his cattle and horses especially become more domesticated under such treatment, and are less liable to accidents. With horses ranging wild, mares at the foaling season will naturally take fright at anything, even the attendant going to round them up, with the result that lots of newly dropped youngsters are run off their legs in their attempt to keep up with the dam, and never recover it. Another point in favor of the small stock owner is, by employing good sires amongst his cattle and giving his herd his personal attention he reaps the benefit in the improved quality of steers, which meansagood third more on the market than the lean, lanky, long-horned range steer can bring, bred and raised after the ordinary range fashion. The large stock owner cannot give the attention referred to, with his cattle scattered over an area of several miles amongst owners similarly situated to himself; with sires of all degrees of excellence running around, it could hardly be otherwise. Even although a system of co-operation amongst the surrounding owners was brought to bear on the latter point to obviate the evil by importing good bulls, it is impossible to give the thorough supervision necessary to retain the good qualities in a herd of cattle, and where stock are only handled twice a year, as is the custom, at the annual spring and fall round-ups. The day can be remembered when the greater part of the western half of America's prairie was devoted to ranching, pure and simple; to-day we mark the inroad of an agricultural population over the same area, which tells its own story. Wherever the climate and quality of the soil will allow, an agricultural class will push itself to the front, which, with its greater ratio of population and their ever increasing demands to be supplied, are a greater source of revenue to the country, and impart to it a greater value, financially, than under the old regime of ranching, and we on this side of the 49th parallel, with a climate and soil similar to our southern neighbors, must naturally allow events to shape themselves and follow the same course. The hey-day, of ranching is over, and the wild, "woolly," sombre word cowboy, with his six-shooter and his desperado sort of air, like the valiant knights of old, will soon be a thing of the past, while his place will be filled by the plain, unassuming, natural-minded, every-day farmer.

Tariff Reform.

[Paper read by Rev. Geo. Roddick, before the Farmers' Meet. ing, in the City Hall, Brandon.]

 ${\bf A\,mass\,meeting\,of\,representative\,farmers\,was\,held}$ in the city in March last, and declared unanimously in favor of a reduction on certain articles, and an unanimously signed petition forwarded to Ottawa. praying for said reduction. Very little attention was given to that and many other petitions on the same subject from other portions of the Dominion. However, it was announced that the government contemplated a general revision of the tariff, and that during recess an investigation would be held. That investigation is now in progress, and as far as it has gone the manufacturers have had the inside track

As the Hon. Mr. Foster, Minister of Finance, has intimated his intention of visiting this province in the month of September, your committee felt it necessary to call this meeting in order to formulate a memorial for presentation on his arrival.

As in the former resolutions, we ask for a reducion on five articles:-implements, lumber, coal oil,

barbed wire and binder twine. Many of you will be of pinion that we have not gone sufficiently far in our demands, but we wish to keep in line with the former resolutions, believ ing that half a loaf is better than no bread, and that upon these resolutions all can unite without any compromise of political principles. To go farther would be to defeat the ends which we have

I need scarcely press upon your attention the importance of harmonious and united action. On such occasions manufacturers and others sink their petty differences out of sight, and present a united front in pressing their demands. Let the farmers do likewise, and we need have no fears as to the result. Politicians will find that they cannot afford to ignore the demands of 80 per cent. of the voting power of the Dominion.

Manitoba is essentially an agricultural country.

Upon the produce of the soil are not only the far-mers dependent, but all other classes of the community. We have no manufacturing interests of any consequence, and not likely to have for many years to come. We derive no benefit what-ever arising from the increase of consumption produced by eastern manufactures. From one to two thousand miles intervene and shut out all profitable intercourse.

Again, the arrangement known as the National Policy was never intended by its founders to be permanent. Its design was to foster industries while in their infancy, and no longer. After four-teen years of this fostering care, is it not time to enquire: Has the National Policy been a failure, or has it been successful in placing our manufacturers upon their feet, so that they no longer require the aid of government leading strings? To one or other of these conclusions we must come. From the influence which these manufactures exercise over the government, from the army of agents that swarm over the country, and the manner in which they are piling up inortgages against the struggling farmers of Manitoba, we are forced to the latter conclusion, and feel that they are perfectly able to stand upon their own feet.

Manitoba is an inland country. It is situated near the centre of the continent of North America. Both the eastern and western seaboards are thousands of miles distant. To compel the farmers of this province to meet not only the enormous export and import charges, but in addition, pay a tariff of 35% on their implements and other articles necessary for the successful operation of agriculture, is to debar our produce from the markets of the world. I affirm that under existing circumstances. agriculture in Manitoba must prove a failure. In making this statement I do not disparage the country. I came here to stay, and my faith in the country, has never wavered. It is true we have natural drawbacks, like every other land. We have our frosts, our hail and our drought, over which man has little or no control, and to which it becomes us to submit with due resignation. These are not more serious than the disadvantages against which other countries have to contend. But as the Brandon Times very properly puts it, in an editorial of July 20th: "Last year, to deliver a bushel of wheat in Montreal cost about the price of another bushel here, while it cost to deliver a bushel of oats about the price of two bushels; and to deliver barley, about one and a half." To continue such state of matters is simply impossible, for the sufficient reason that farmers can afford it.

In the interests of immigration relief is imperative. It cannot be denied that this Northwest country presents many advantages as a field for industrious settlers. Here millions may find comfortable homes. But until the present settlers obtain relief by the removal of the burden of taxation imposed by means of the existing tariff, the tide of immigration must remain very limited. In vain will the most vigorous immigration policy be adopted, with its expenditure of immense government funds, until the present grievances are fairly

The correspondence between settlers and their distant friends will do more for or against immigra tion than any other agency that can be employed. At present living is too expensive, and the price of the farmers' outfit out of all reason, to enable the ling time is upon us. It is, of course, trouble to settlers to exist. Compare the cost of the same importance and protect it properly through the

	Dako-	Man
Deering breaker plow	ta. \$ 16.00	toba \$ 25.0
Vaggon IcCormick binder. Jower	60.00	90.0
	$\frac{130\ 00}{45.00}$	180.0
take umber.	25,00	35.0
oal oil	16.00 16c.	25.0
Under such circumstances can the	form.	50c

Manitoba compete with those in Dakota, or is there any inducement for additional settlement?

The lumber combine which at present exists in this province is as tyrannical and oppressive as a Ukase of the Czar of all the Russias. As lumber is so essential for the protection of man and beast in this severe climate, the high price will continue to operate against the best immigration policy that can be adopted.

In conclusion, we may add that this movement is not of a local character. It is widespread and deep-rooted, and like a similar movement across the line, will prove a "landslide" in the removal of all barriers. Our demands are moderate, reasonable and just. We ask for nothing more; we will not accept anything less. The Toronto Empire may falsify and belittle our action and cowardly refuse to open its columns for reply, party heelers and those who fatten at the government crib may op-pose our efforts, but let the farmers drop old party lines, be true to themselves, to each other, and to their adopted country, and their voices will be heard above the din of all party clamor.

Saving Seed.

WRITTEN FOR THE FARMER'S ADVOCATE BY THOMP-SON SMITH.

There are too many farmers who do not realize the great gain in carefully saving seed in the summer and fall from the choicest of their products. A good crop cannot be expected year after year from inferior seed. It is only an occasional time that indifferent seed will bring a good yield. have seen very small and refuse potatoes planted, from which were grown large tubers, and an abundance of them, but if small seed is planted season after season, the yield will become poor both in quantity and quality. Now, during the gathering season is the best time to save seed potatoes. As the farmer handles the crop, he has the best of opportunities to see almost every potato, and can readily select the most perfect and place them to one side. It is a good failing to save more than you think it likely you will need, for if there is not a demand for all your seed in the spring you can eat them or sell them as well then as now; while on the other hand, if your supply falls short through unlookedfor circumstances, it is not nearly always easy to get the needed supply, even at exorbitant prices

When possible, a farmer gains by saving his own clover and timothy seed. These seeds are most generally to be found on the market, but the cost is high and it is very uncertain about their cleanliness. I have seen fields thickly set with objectionable growth from seed that was mixed with what should have been all timothy or clover.

Now, too, is the time to save seed corn, unless it is the expectation to depend on the seedsmen for the needed supply. A great many depend on their cribbed corn for seed, which means using from what is left over in the spring, whether good or poor. Last year there were a great many through northwest Missouri and scuthwest Iowa who planted corn from the spring the cribs, and the general result was a very poor stand and universal replanting. It has been my practice for a number of years to commence gathering corn for seed as soon as I found it thoroughly away from the milk. I do not gather it all at one time, but am always on the watch for a fine ear when passing through the field, and am never in too great a hurry to stop and pluck it. When cutting and husking the corn I am still on my watchtower, so that by the time my crop is my watertower, so that cribbed I have a bountiful supply stored away which I know to be of the best. That the seed which I know to be of the best. may be relied on as good, without fail, I find it essential to keep the corn strictly dry during the winter, and in order to do this I usually beg a kitchen nook of my wife, where my corn not only keeps dry, but is not subjected to the cold of the extreme wintry weather. I am of the opinion, though, that freezing dry corn does not hurt the germ, but by keeping it where it is warm it is more certain to be dry all the time.

Garden seed cannot be gathered in a happen-and-by-chance method and then good returns justly expected from them next year. I carefully gather the first well-formed ripe tomato and cucumber from which to keep seed, and, as a rule, I have tomatoes and cucumbers from two to three weeks earlier than my neighbors, and of the finest fruit. I have gathered the pods of Lima beans which matured first and stored them away securely with the seeds of bunch and poled beans, radish, lettuce, onions, etc., all of which was saved from my best, so I expect to have of the best next year. If good, large heads of cabbage and cauliflower are desired, the best of the heads grown must each time be saved, setting out the whole plant from which to grow seed. It is almost no trouble to take precaution in this matter, and he who does it is always amply paid in the spring when plantplements (American make) in Manitoba with those winter, but it is a truth "there is no gain without

Experimental Farms.

BY BOB BARCLAY, BALMORAL, MAN.

A few years ago I was, like many more, inclined to think that these establishments were a mere fad and had in a great measure been formed for the purpose of affording soft snaps and easy sits for government hangers-on, and that like many other schemes would draw money from the hard workers to make a few lazy independents happy and keep them in luxury; but after carefully watching these farms from the start and following their work closely, as well as beholding the benefits which have been generally derived from them, I have changed my mind, and must admit that they are in my opinion the most advantageous venture for a country such as ours that any government has ever promulgated or put forward; and if our farmers were, as they certainly ought to be, better acquainted with the workings of these farms and the benefits to be derived even from correspondence with the officers in charge (whom I might state I at all times find very obliging), as well as a full perusal of the regular reports furnished, they would be greatly benfitted, not to say anything of the splendid opportunities given to every farmer of trying different varieties of all classes of new grains and roots, free of charge, and at little or no expense. Above all, one of the greatest boons, more especially to those located upon the prairie settlements, is in providing them with that which they sadly want-very young trees and tree seeds which will assuredly grow well. "Rome was not built in one day," we need hardly look for or expect to find perfection at once in the arrangements of any concern, more espe-cially of large ones, depending, as these do, so much upon weather and seasons, and including so many different species of vegetation.

About a twelvemonth ago I was much pleased to see that the Alberta people were moving for the establishment of a farm in the vicinity of Calgary, but I am afraid the matter must have fallen through, as I have heard nothing further of it since; if so, it is to be much regretted. There is not the slightest doubt that if an Experimental Farm is to be of any use or service, the proper place for it is in the district it is intended to benefit. This idea has been clearly shown as between the one at Ottawa and that at Brandon, especially as far as the tree department is concerned. In giving you my experience you also get that of others, and it is to the following effect, viz.:-That the cuttings from Ottawa are of no use, as they arrive in this country too early in the spring for setting out, and I do not care how well you tend them, you cannot save them in good order, for if you keep them dry they die out, and if you follow the instructions sent along with them they are sure to damp off, and when planted out succumb to what is generally dry rot, and if you get one or two small living trees at the end of the season out of a hundred, you may consider yourself lucky. I have tried them myself and got others to do so different seasons with the aforesaid result. On the other hand, those received from Brandon, with exactly the same treatment in planting and cultivation, were just the reverse, and the loss by deaths only amounted to somewhere about three per cent. The rooted trees from Ottawa grew, but never were vigorous; they made comparatively little growth throughout the first season. This, I presume, arose from the fact that they were out of the ground so long in the spring. The loss by death in this class was from seven to ten per cent., while it only was two in those received from Brandon Station.

The trees raised in Manitoba were, in the first place, much finer and healthier plants, and made more headway in one season than the eastern ones did in two. In drawing your attention to this matter, I do not wish it to be understood that I am finding fault with the people at Ottawa; I am simply writing for the benefit of the farmers and others in this province, as there is really nothing more tantalizing to any one than preparing ground and spending time and labor upon that which turns out in the end to be useless. Every one who wishes to have trees around their habitation desires to have them grow speedily, and thereby acquire a good and lasting protection in the shortest time possible; therefor it is that I say, by all means let us have our young trees for Manitoba farms raised and sent out from the Brandon establishment. And there is still a stronger reason for pressing this home to those in power, viz.: Everyone is by this time thoroughly convinced that southern-raised material does not, as a rule, succeed well in a northern climate; the only exception that I know of is that raised in Rochester, N. Y. When talking upon this point to some leading worthies, I was kindly reminded that our friends in the east would kick against the transfer of the arborculture, as this would mean doing them out of a portion of their present employment and taking money out of their pockets; but I say, let them grumble—the sooner the change is made the better, if it is going to save money at that end and a deal of vexation and trouble at this. Mr. Editor, before closing, I would like to draw the attention of those in charge at Brandon to some currant cuttings that were sent out by them last spring; they were for the most but taken from old wood which would have been nothing more or less than dead wood upon the in shes at the end of the season, only fit for pruning of and burning. Now any one who really knows his business in nursery work is well aware that such stuff will never make healthy bushes, even if they dency of the waters are to lower the mountains,

did start, and certainly they would never bear and in return build up more level or rolling land, fruit worth picking. I know of a case where there were only some three or four out of a parcel of fifty showed any vitality; I do not think any of them will survive the winter. These cuttings were given. In a word, I do not and cannot see why the Brandon farm, if necessary, should not be enlarged and the staff increased so as to provide everything in the shape of not only trees and bushes, but also roots and seeds for the farmers of our province, as t is an undoubted fact that northern seed and other things suit our climate and soil far better than anything produced south of us. If we are to get supplied away from home, I say, let us get them from Alberta or some other northern point. Can you see any reason for the local government charging postage on what might be termed the business of a government concern? I consider it anything but generous, and militates materially against the benefits of the most useful institution under their supervision.

Fifty Years Ago.

BY T. B. WHITE, CLARKSBURG, ONT.

(Continued from page 208). The more I notice these Forestry Reports the more I think they are at fault in trying to build up a theory of which so little is known, and consequently, notwithstanding all the labor and ingenuity employed, only producing a lot of incongruous and fragmentary compositions for our instruction. In Report for 1887, page 36, we read: "I notice in American papers some criticism of an idea which should now be removed from criticism—the wellknown influence of forests on rainfall. We are no longer left to conjecture on these matters," &c. Thenonpage 36, Report 1891, four years later, we read: The opinions of our greatest climatologists have been divided as to the influence of forests on precipitation. But evidence, carefully and scientifically scrutinized, is accumulating which tends to show that under certain conditions at least, such influence may not be improbable." This seems like moving it from criticism the other way, and shows the folly of being so positive about things we don't know.

In Report for 1886, page 67, we are told that a cabbage emits twenty-five ounces of moisture daily, while a forest transpires millions of gallons daily. A great difference in quantity certainly, but then, there is an unmeasurable difference between a definite and an indefinite article, and to pit a cabbage against a forest to show how the farmers are drying up the country by making the change is

On page 76, same Report, we read: "The question has been asked, How is it that the great prairies of the Western States were ever fertile, while trees are said to be so necessary to fertility? This is easily answered. These prairies were in the first place of exceptional fertility, so far as regards the quality of the soil." Then turn back to page 49, and we read: "State after State is going to be drowned out, until some day the coral insect may again build his pretty castles where the people of Iowa are now digging wells for water." This last quotation is more in line with geology, which teaches that these now prairies were in the first place water, and second, that the corals built the rock foundation. Then in the third place comes the starting point for the farmer, and we ask the question: How came those bare rocks to be over-laid with ten, twenty, or more, feet of vegetable soil? This problem solved is the key to successful farming in perpetuity. But to say the prairies were in the first place of

how little some people do really know about it. Then, in my opinion these Reports are equally astray in representing the clearing of the forests as having such a dreadful effect on the country, in causing the rivers to be so much more destructive in carrying the soil into deep waters at one time, and at other times drying them up so as to be of very little practical use; for, though there is some difference caused by this change, the alarm is a great deal more imaginary than real. If Capt. Eads did (page 49, Report, 1886) exclaim when emptying a pail of mud and water over his jetties, "There goes a mixture of one-tenth Missouri, one-tenth Illinois, one-tenth Iowa," &c., it is no reason why we should not take an intelligent view of this matter, and as far as it affects the farmers reduce the question to figures and facts, which will show there is nothing to get excited about.

exceptional fertility as regards the soil, only shows

It is said that the river Thames, England, carries 11,000,000 cubit feet of solid matter into the sea every year, but as the river drains an area of 6,160 square miles, it is only 1,800th part of an inch, equal to about one inch off this acreage since the Norman Conquest: I have read that Prof. Gekie has made a calculation showing that at the rate Great Britain is being washed into the sea by its rivers and streams, it will be 3,500,000 years before it is reduced to water level.

Then there is another side to this question of what the waters are doing, and though I have seen miles of muddy water in Georgian Bay, caused by summer floods down Beaver river, we are now using a gravel pit about two miles from its present limits which has evidently been the beach at some time. And in this two miles we have the busiest part of our township our markets, our principle plum orchards, our railway, &c. So that if the ten-

the change, we should say, is for the better. And if, in place of going into hysterics over what we see going down the rivers, we gave more attention to keeping the land in grass along runs of water which are apt to flood, we would help to graduate this process to our present advantage. Underdraining also acts as a strainer in keeping the soil. But this cry about the farmers tearing out the heart of the country with their plows and dumping it into the sea is quite unnecessary.

On page 56, Report for 1891, we read: "For everal years past the engineers of the waterworks department of Philadelphia have been making examinations of all possible sources of a suitable and adequate supply of water, and they have recently discovered how seriously the Schuvlkill river, from which the city has ever drawn its supply, has been affected by the clearing of the forests, &c." The river, we are told, has in about sixty years decreased from 500,000,000 to 250,000,000 gallons per day. Well, supposing this is so, though it should not have taken much engineering to have discovered that difference, it is still 250 gallons per capita, and would be 10 gallons per day for each up to 25,000,000 people. Then it is no secret that the Delaware river, with ten or more times as much water, borders along their front street; and if the engineers have not seen it, though ostensibly looking for water, they must have really been looking for ways and means how to keep their positions and consequent remunerations. But the reason the city has hitherto drawn its water supply from the Schuylkill is, because it is the more rapid stream and furnishes the power to pump the water into Fairmount and other reservoirs as required; and any Ontario farmer who saw the Corlis engine and the exhibit of pumps at work at the Centennial will not be alarmed but they will be able to raise water out of the Delaware when needed, saying nothing about the great change in producing motive power since then. On next page we are asked: "Where will New York's water supply come from in the year 1900, when her population will aggregate 5,000,000 souls"? Where does London's supply come from? They have nothing like the natural reserves to draw from that New York has, and if when they have 10,000,000 people they have to tap Lake Champlain, they should be better able to do it than they were to tap Croton when they did; and if that time does come, I think they will need the land to grow cabbages and other vegetables, rather than trees. We will have to employ some more economical way of holding water for a constant supply than re-foresting the country, as these Forests Reports say will have to be done.

"All the rivers run into the sea; yet the sea is not full; unto the place from whence the rivers come, thither they return again." Perpetual motion!

The Farmers' Mill.

"Embracing the first opportunity, our representative visited the new farmers' roller mill," says the Portage la Prairie Liberal.

"The building of the mill originated in the desire of our farmers to have one where they could get gristing and exchange work done. The stock was readily subscribed, the work of building was let to Messrs. Stable & Gray, and the machinery was purchased from the North American Mill Building Company, of Stratford, Ont. The mill cost about \$5,000, the machinery \$15,000, or a total

of \$20,000.
"The mill building, 38x50 feet, four stories high (60 feet), stands about 40 feet west of the farmers' elevator. This intervening space, roofed over, sheeted with iron inside and outside, constitutes the engine room from which power is transmitted to hill and elevator by a steel shaft 115 feet long, passing through all three divisions.

"The engine room is divided off by a brick wall, the machinery from the boilers. There are two of the latter, one 90, the other 40-horse power, solidly bricked in. There are two engines, the principal one a Brown automatic cut-off 100-horse power. The other is a 30-h. p. one. The fuel is largely obtained from the tailing and chaff of the elevator

cleaners. "Mr. Jas. Nummy is head miller. It was he who drew the plans for the mill. The work of construction was carried on under the supervision of Mr. Wm. Johnston, head millwright for the N. A. M. B. Company., of Stratford, who supplied the machinery.

" The present capacity of the mill is from 175 to 200 barrel per 24 hours, but everything is so arranged that with very little expense the capacity could be greatly increased."

The Howell Pear.

The editor of the Horticulturist has the following to say of the Howell pear: Of the pears grown for markket at Maplehurst, one of the most satisfactory of its season is the Howell. Its size, freedom from scab, wormholes and other blemishes, and clear, yellow skin at maturity, combine to make it a very attractive pear for market. It ripens about the end of September, just when the Bartlett season is over. In the estimation of fruit growers generally, the Howell is one of the best of the varieties of American pears. The tree is an upright, vigorous grower, and very productive. The quality is good, season September and October. originated with Thomas Howell, of New Haven,

But

unc

affa

sun

dan

mal

not

ind

she

the

bro

dar

tha

scie

rod

and

apı

str

abo

ane

of

lar

too

SO

becab

H

bir

me

ful

the

wh

DAIRY.

Dairy Cows and How to Feed Them.

As the time of winter feeding again draws near, it will be interesting and instructive to know how other authorities from another country view the manner of feeding in order to obtain results in butter production. How the different breeds are looked upon from an English standpoint is also dis-cussed in a pamphlet recently issued for the benefit

"Shorthorns are good dairy cattle, giving a plentiful supply of milk, besides fattening well. They are, perhaps, the best dairy cows for the ordinary farmer, especially in the north of England, where swedes are grown. When their milk begins to fail they can be easily fattened and sold to the butcher. to the butcher.

"The Jersey may be regarded as the type of a butter cow. Bulk for bulk, its milk is the richest in butterfat, having a greater proportion of large fat globules than the milk of any other breed, and their large, uniform globules enchance the value of the milk for buttermaking in three ways:-1 By separating more quickly and thoroughly with the cream. 2. Churning more readily and comthe cream. 2. Churning more readily and completely, 3. Producing more and a better quality of butter.

Guernseys are very similar to the last named breed, but are larger, longer in body, hardier, and not so graceful. They are better for beef, and almost as good for dairy purposes.

"Ayrshires give a large amount of milk for their size. The milk is rich in casein, and the fat globules are of small size, consequently the Ayrshires are much used in cheesemaking districts.

"Red Polls are very fine milk and beef producers, and may be said to be a typical dairy breed. They retain their flow of milk longer than most other cattle.

Cattle should be brought in from pastures in October, and before this the stables should be well cleaned out and whitewashed. Cows may run out a little each day through the winter. Some of the back end calvers will be coming to the pail now, and will get full rations. Others that are drying off will have the quality of their food somewhat reduced. Everything should be done to make them as comfortable as possible. The stables should be cleaned out daily and fresh litter added. The feeding must be done at regular hours. Therations for different cows will vary somewhat, but the following are good examples:—(1) Decorticated cotton cake, 2 lb.; bean meal, 3 lb.; crushed oats, 1½ lb.; hay chaff, 8 lb.; oat straw (chaffed), 10 lb.; 1½ lb.; hay chan, 8 lb.; oat straw (chaned), 10 lb.; mangels, 40 lb. (2) Linseed cake, 1 lb.; crushed oats, 2 lb.; bean meal, 3 lb.; bran, ½ lb.; rice meal, 3 lb.; clover hay, 10 lb.; straw, 6 lb.; swedes, 30 lb. (3) Cotton cake, 3 lb.; oat meal, 2 lb.; clover hay, 10 lb.; straw, 10 lb.; swedes, 33 lb. (4) Decorticated cotton cake, 1 lb.; palm-nut meal, 1 lb.; crushed oats, 2 lb.; bran, b lb.; meadow silage, 25 lb.; brewer's grains, 20 lb.; oat straw, 4 lb.; meadow

hay, 7 lb.
"Cows that are dry (previous to calving) may receive (1) Decorticated cotton cake, 2 lb.; straw, 15 lb.; silage, 35 lb. (2) Linseed cake, 25 lb.; bean meal, 1 lb.; straw, 14 lb.; hay, 5 lb.; turnips, 40 lb.
"The different roots are fed to cattle in the

order in which they arrive at maturity, thus—(1) White turnips, used first in autumn; (2) yellow turnips; (3) swedes, used in winter; (4) mangels; (5) carrots, used last in spring

"About 6 a.m. give half the mixture of concentrated foods with a little straw. After milking, say at 8 o'clock, give one-third of the roots. If these have been steamed they may be mixed up with some of the straw chaff. At 12 o'clock the cattle get another third of the roots and some hay, or silage or brewer's grains may be given instead of the roots. At 4 p.m. the rest of the cake and meal is put into the troughs. At 7.30 p.m. give the remaining roots and some straw or hay.

Water should be provided. It is often advisable to let the animals out into a yard for this pur-

pose. They then get a little exercise.

"A piece of rock salt should be placed in every manger for the cattle to lick. This is better than putting a certain quantity in the food, as the animals get as much as they want. Sodium chloride is contained in large amounts in the blood. Rock salt should only be sparingly used with cows ap-

proaching their period of parturition.

"Milking will begin from 5 to 7 a.m., and 4.30 or 5.30 p.m. On some farms the cattle are milked at mid-day; but the small increase in yield does not often repay the extra labor.

"All through winter the management is very much the same. No rapid change of food should ever be made, as the cattle may be thrown off their feed for a day or two, and do not let down their milk so well for the time being.

Many United States dairymen are reporting good results from feeding their cows corn ensitage in the summer when pastures have failed. The ADVOCATE for Sept. 15th contained some Canadian testimony of value on this point.

Having tried almost every available sort of grain food for milch cows, Mr. Joseph McLeod, one of the most successful dairy farmers in the vicinity of London, Ont., states that he gets the best results, quality of milk always considered, from a mixture, half-and-half, of ground oats and wheat bran, fed dry.

Winter Dairying.

BY J. W. WHEATON, SECRETARY OF THE DAIRYMEN'S ASSOCIATION OF WESTERN ONTARIO.

One of the most interesting topics discussed at many of our dairy meetings last winter was "Winter Dairying." Farmers and dairymen are anxious to get information concerning this feature of dairying. They are beginning to realize the importance of giving more attention to dairying as a branch of farming that will return a handsome profit, if carried out intelligently and systematically. Hence any feature that will make their business more remunerative will be received with interest.

The Dominion Government, under the direction of the Dairy Commissioner, established two experimental dairy stations in 1891-92, at Mt. Elgin and Woodstock. At these stations butter was made during the winter months from milk supplied by the farmers in the neighborhood. These farmers had been supplying milk to the cheese factory during the summer, and continued to milk their cows during the winter and have it made into butter. The experiment was a very successful one the farmers were well satisfied with the results, and the stations were continued during last winter and will be continued during the coming winter. Last winter also a few of the larger cheese factories put in apparatus for making butter, and kept their factories running all winter. These factories also gave satisfaction, and were able to make the business a profitable one. The business of winter dairying is therefore an established fact in Canada, and the sooner our farmers and dairymen understand its workings, and prepare themselves to operate it, the sooner will they place themselves in a position to realize the highest possible profit out of dairying, and be able to make money out of their cows all the year round.

The larger number of the patrons of our cheese factories, who are generally looked upon as making a specialty of dairying, milk their cows on an average seven or at most eight months of the year. It will cost about \$28.00 or \$30.00 to keep a cow properly per year, and there are few cows kept by the dairymen of this country which will give more than enough milk during a milking season of seven or eight months than will pay off this \$30.00. This being the case, the larger number of our farmers are keeping cows just for the fun of taking care of them, as they are not returning a profit, while a great many of them are keeping cows at a loss. It may seem strange that such a condition of things exists in a country where dairying is made a specialty, but nevertheless the fact remains. The chief reason is that farmers do not keep an accurate account of the cost of keeping a cow, or the cost of producing a certain quantity of milk. If they did they would only keep cows that would return a profit. A prominent dairyman has well said that the cow is a boarder, and should pay for her board week by week the year round. If our farmers would go into winter dairying, butter could be made when it commands the highest price, and cheese during the summer.

By this plan the dairyman will be able to raise his calves during the winter months. To do this his cows should come in during October. The skim milk may be returned from the creamery the same day that it is taken in perfectly sweet condition. By heating this skim milk to the normal temperature of milk (about 98 deg.), and supplying a little linseed or oil cake to take the place of the butterfat. an excellent food for calves is secured. Thus better calves can be raised during the winter months by this method than are usually raised during summer. During the winter the farmer has more time to look after his stock, and consequently the calves receive more attention and are not allowed to fish for themselves, as is frequently the case when raised during the busy summer season. A calf that is born in the autumn and fed properly during the winter will be able to forage for itself when grass appears. Then if the heifer is properly looked after during the first three years of her life, the welldeveloped cow is assured.

By adopting winter dairying farmers will be able to give employment to more men during the winter. An advantage to be gained by winter dairying is that the cows will be kept in better condition, and consequently will be in better trim when the spring opens up to give milk during the summer months. In proof of this, one of the leading patrons of the Mount Elgin Creamery states that during the summer of 1892 his cows gave more milk than in the summer of 1891, when his cows had been put dry quite early in the

It is claimed that the returns from winter dairying will not pay for the extra food and extra care expended upon the cows. We have only to refer to the experience of those who have tried it. The butter made in the winter dairies last season brought, on an average, from twenty-three to twenty-five cents per pound. Deducting the cost of manufacturing there would be left to the patron about twenty cents per pound, and he would receive from eighty-five to ninety cents per one hundred pounds for milk, and have the skim milk to the good.

There are a few requisites that are necessary to the successful working of winter dairying. An abundant supply of good, succulent food is necssary, and the cheapest and best way to get it is through the silo. By feeding a little chopped grain with ensilage, a complete food for cows is the very coldest weather

secured, and cows can be fed just as cheaply during the winter as during the summer on the grass. Good, warm, comfortable stables need to be provided. A cow kept in a cold stable requires more food to keep up her vitality than one kept in comfortable

The serious drought of the past few months in Ontario will doubtless prove a serious drawback to winter dairying this season. The dearth of good pasturage during August and September caused the cows to lessen their flow of milk very early in the season, making it difficult to keep up to their usual amount at this time of the year, and consequently many of the farmers will not have the milk to supply for making butter this winter. It is difficult also, though good food is supplied, to get cows back to their usual flow of milk if they have shrunk considerably for any length of time.

However, the winter creamery is of considerable interest to the dairymen, and when it is possible to secure sufficient milk arrangements will be made in many localities for manufacturing butter during the winter months. Thorough preparation is necessary for every new line of work, and until the farmer has provided himself with the proper cows, and has the right kind of food for them, the highest measure of success cannot be obtained in operating the winter dairy.

Foul Foot.

When a cow or other cloven-footed animal is seen to lift its foot, stretch it out and endeavor to lick it, the foot should be examined without delay. When the cow stands at times in manure, this lodges between the hoof, or some other matter may get there; and either acts as an irritant to the tender skin there. Vesicular eruption may then occur, with inflammation, and the skin peels off, with the result of suppuration and often ulceration. This disease is called "foot or hoof-ail," and is apt to cause trouble if neglected. In time the inflammation penetrates the foot, and the hoof may be loosened or drop off. The disease is more apt to occur with cattle that are out of condition and whose blood is thin and poor. Attention should be given at once. The feet should be washed and carefully cleaned between the hoofs. The sores should be dressed with some stimulating oleaginous mixture to excite healing and protect the raw surfaces from the air. A very good ointment, says the Agriculturalist, is made of four parts of clean lard, one part of each Venice turpentine and spirits of turrentine, and one-half part of acetate of copper (verdigris). This may be spread upon a rag or lint, and put between the hoofs, which are then bound with a soft bandage passed between the hoofs and around them, and fastened above.—[Dr. C. D. Smead.

APIARY.

Preparing Bees for Winter.

BY G. G. GUNN, GONOR.

The time of the year has arrived when we must see about preparing the tiny workers for their winter's rest. Bees should be fed by the twentieth of September, as it is hard to get them to take in the feed when the weather begins to get colder, as i generally does after that date. Now I want to say a word about the next step in the preparation that of packing them in chaff for the winter, and I think that this should be done not later than the tenth of October, for by this date the nights are beginning to get cold. The plan which I follow is not the one of using cushions made out of canvas and stuffed with chaff, but a method which I think started in my apiary. I will try to explain it as well as it is possible. First, I take a long strip of tin about one inch in width and cut it in bits about four inches in length. I then fastén one of these pieces by one end to the bottom of the division board in such a way that it is extending backward along the bottom of the hive. I then fasten the other end to the bottom of the hive with a tack; then take two inch wire nails and put one in each side of the top of the division board, so that it will not press forward against the combs; then take dry chaff and pack it firmly behind the division board. This done, I next take a piece of canvas and cut it to the size of the outside of the bottom of the supers, or second story as some call it, and fasten it to the bottom with tacks. I then fill it with chaff, and the hive is ready for winter. After they are all ready for winter I leave them out on their summer stands until the winter sets in. I have left them out as late as the third of January, and they wintered in fine shape. Still, I think it is better to have them in by the last week in Novem-

A good ration for egg-production can be formed by mixing 25 per cent. each of ground oats, wheat and bran, together with ten each of corn and linseed, and five of meat scraps, then cooking vegetables or steaming chopped clover hay and adding perhaps three quarts of this mixture to the bucketful. The whole grain ration must be governed by circumstances, but the best results will be obtained when the amount of corn is small, save, perhaps, in

POULTRY.

Poultry on the Farm.

BY MRS. IDA E. TILSON, WEST SALEM, WIS.

The word "luck" is much less used than formerly in speaking of poultry matters, since people have come to see that poultry culture is not a lottery, but a real business which calls for the same preparation and attention as other pursuits do. But it must be admitted there are some unforeseen, uncontrollable elements in this, as in all human affairs. I suspect the muggy air that precedes electrical storms, or those storms themselves, which play so many pranks, do lessen the vitality of eggs and sometimes cause poor hatches. Roup, consumption and leg weakness certainly thrive on dampness, hence a particularly stormy, wet season makes it harder to raise and keep the usual number of strong, healthy birds. My own fowls are so civilized, or accustomed to houses and coops, and our numerous outbuildings and trees offer protection enough, that I have lost, in all, probably not over half a dozen chickens by hail. If timely indication of a bad storm appears, I practice going out ahead and driving my younger ones under shelter, perhaps scattering a little feed to keep them there. Chicks in their down, and those like Brahmas, which are nearly bare just before fledged, are the worst sufferers. Two acquaintances told me similar and interesting experiences. For one of them, a hail storm and pouring rain rendered a large number of chicks apparently dead, which she brought to life in the warming oven of her stove. The other lady expressly stated she wrapped her wet chicks in a woolen cloth, and left the door of the warming oven open. Such an experiment carefully conducted seems practicable and quite like a brooder. One year, three hawks selected my downy darlings for family supplies. They really got less than a dozen, and our national department of scientific research claims hawks actually destroy little poultry, but very many noxious insects and rodents. It was, however, the waiting and watching for these birds of prey which made me so thin and nearly demented that I called in my neighbors and acquaintances, to whom I sold my early chicks. Had I owned a harp, I doubt whether I should have hung it on our willow tree, as disappointed poets are said to do. Instead, I girded on my big apron, and raised other and later chicks, which were untroubled, protected by higher grass and leafedout trees. Pullets, especially wild ones, often get strained, drooping wings. Trim the feathers closely, without drawing blood from them, and the wing relieved of their weight will generally be all right before the feathers grow again. I have read about holding a broken wing in place by a cloth band passed around it an the hen's body, but never saw this done, and personally consider a broken wing or thigh too unpromising for my time and effort. A pet hen, found with a leg broken not far above her foot, was laid in a quiet corner, fed, watered, but otherwise let alone. Soon she stood up on one foot, then hopped, occasionally touching her other foot to the ground, afterward/limped, and finally scratched. An acquaintance splintered and bound such a case, and her biddy's was a useful but just as crooked a leg as mine had. Perhaps the biddies might have brought suit against both of us for unprofessional treatment.

Bumble foot, or stone bruise, is often cured by lancing the bottom, and if necessary between toes too, for which I use the tip of a knife. Most fowls so afflicted are simply too heavy, and need reducing or marketing. A combination of high roosts and board floors may be responsible for such injuries. I once saw bleeding profusely the unusally large comb of a fine Leghorn hen that had doubtless been fighting, and later she was found dead, probably not from a broken heart, because her nostrils were stopped by the blood, which had then apparently run into her open mouth and choked her. Perhaps a little puff-ball would have prevented all that. I once sold, with a lot of hens for the table, a fine but unneeded and rather conceited Golden Hamburg rooster, which I sincerely advised the buyer to keep alive as a beautiful and innocent bird. Supposing any fowl from my hands would be a pattern, the man placed him in his flock, and merely eating dinner, went out again to find that "innocent" little fellow had killed one big rooster and demoralized others. But we have learned that roosters can be trained not to fight, by chasing the aggressor a few times, and giving him a touch of what he was planning for his victim. So successful has my mother been, she now simply stands in the doorway and calls out to would-be combatants, which flap their wings and make threatening gestures, but rarely fight. These illustrations rather prove "It is not always May" with any poulterer. We are still in that so-called "dry" time of the poultry year, extending from August to November, when moulting takes place, eggs are few-

er, and fowls debilitated with the heat, before they are yet toned up again by cold, seem very liable to bowel complaint. Nourishing food, with pure water in clean dishes, reduce the length of this period, keep an evener supply of eggs, and counteract disease. For my hens, I dip water out of a trough fed from a tank. Whenever the trough shows any signs of a greenish color or wrigglers, I petition to have it emptied and cleaned. The water is pumped by a windmill from a well 991 feet deep, and contains some of that desirable iron element. A little each of lime, powdered charcoal, flaxseed in any shape—whole, ground or as oil meal, and any reli able condition powder, are all useful ingredients of the puddings now. I stir in our jelly, preserve and syrup skimmings, as sweets are good, too. Every month the past summer I chopped vegetables more or less, eagerly relished as a change from grass. have tried a double chopping knife, or two blades attached to one handle, but such is less readily cleaned, big chunks often get stuck fast between its blades, and full more strength is required in its use, so I see little, if any, advantage over a single knife well sharpened.

MISCELLANEOUS.

Prize List, Western Fair, 1893.

POULTRY.

Following are the names of prize winners in the poultry department:

FOWLS—Light Brahmas—1, 2 and 3 Oliver Bartlett. South London. Dark Brahmas—1 L Gage. London; 2 Thorpe & Scott. London; 3 Pavid Bogue, Lambeth. Buff Cochips—1, 2 and 3 Geo McCormick, London. White Cochins—1 and 2 Wm McNeil, Bondon. Black Cochins—1 and 2 George G McCormick. Partridge Cochins—1 D Bogue; 2 L G Pequegnat, New Hamburg; 3 Tozer & Stewart, London. Langshans—1 Robert McCurdy, London; 2 Geo Bogue, Strathroy; 3 Bartlett & George, London. Javas—1 and 2 Georg G McCormick; 3 H W Henrick, New Hamburg White Dorkings—1 and 2 D Bogue. Silver Grey Do. kings—1 D Bogue. Colored Dorkings—1 and 2 D Bogue. Silver Grey Do. kings—1 D Bogue. Colored Dorkings—1 and 2 D Bogue. White Plymouth Rocks—1 Mrs Robert Scott, London; 2 W Mc J C Smith, Fairfield Plains; 3 C J Daniels, Toronto. Barred Plymouth Rocks—1 Wm McLeod, London; 2 Pawn & Marshall, London; 3 James Waistell, London. Dominique—1 Geo Bogue, White Wyando'tes—1 and 2 Geo G McCormick; 3 Tozer & Stewart. Golden Laced Wyandottes—1 and 3 T H Scott. St Thomes; 2 James F Williams, London. Silver Laced Wyandottes—1 Oliver Bartlett, London; 2 James A thur, London East; 3 Tozer & Stewart. Black Spanish—1 William McDonald, London; 2 Lake Shore Poultry Farm. Minico; 3 Battlett & George. Black Minorcas—1 Tozer & Stewart; 2 and 3 Lake Shore Poultry Farm. White Minorcas—1 Tozer & Stewart; 2 and 3 Lake Shore Poultry Farm. Madusians—1 C Stockwell, London; 2 Tozer & Stewart. Red Caps—1 and 3 Mrs R Scott; 2 Tozer & Stewart. Red Caps—1 and 3 Mrs R Scott; 2 Tozer & Stewart. Black Leghorns—1 Jake Shore Poultry Farm. Brown Leghorns—1 Lake Shore Poultry Farm. Rose Comb Leghorns—1 Jake Shore Poultry Farm. Brown Leghorns—1 Lake Shore Poultry Farm. Rose Comb Leghorns—1 Jake Shore Poultry Farm. Rose Comb Leghorns—1 Holdon; 2 D Bogue; POULTRY. Following are the names of prize winners in the poultry department

Schmidt, & George. Jananese Bantame-I, W. McNeil; 2.Wm A Gage, London; 3.Richard Oke, Bantams, ornamental, any other yarlety-1 and 2 Richard Oke; 3 Jas F. Williams, London. Bantams, black or brown breasted red-1 W. Barber; 2 Charles Boniek, Toronto; 3 W. H. Butler. Bantams, Pile-1 and 2 W. Barber; 3 W. K. H. G. McKell, London. Durk Brahmas—1 and 2 Thorpe & Scott, 1 James Arthur, London. Dark Brahmas—1 and 2 Thorpe & Scott, 1 James Arthur, London. Dark Brahmas—1 and 2 Thorpe & Scott, 2 James Arthur, London. Dark Brahmas—1 and 2 Thorpe & Scott, 1 James Arthur, London. Dark Brahmas—1 and 2 Thorpe & Scott, 1 James Arthur, London. Dark Brahmas—1 and 2 Thorpe & Scott, 1 James Arthur, London. Dark Brahmas—1 and 2 Thorpe & Scott, 1 James Arthur, London. Dark Brahmas—1 M. W. McKell, London. Black Black Brahmas—1 James M. James M

Prize List, Toronto Industrial, 1893.

HORSES.

HORSES.

THOROUGHBRED HORSES—Stallien, 4 years old and upwards—1 Brown & Gilkinson, Brampton; 2 Jos Dickinson, Zion; 3 J W Murray, Toronto. Stallion, 4 years old and upwards—1 and silver medal, Fred Row, Belmont; 2 Geo Pepper, Markham; 3 Quinn Bros, Brampton. Stallion, 2 years old -1 Robt Davies, Toronto, Yearling colt—1 1 Robt Davies; 2 A Frank & Sons, The Grange, Mare or Gelding, 4 years old and upwards—1 Robt Davies; 2 (two seconds awarded in this section) to Geo Scagel, Owen Sound, and F A Campbell, Toronto; 3 Geo Kennedy, Brampton. Filly, 3 years old—1 Robt Davies, Filly, 2 years old—1 Robt Davies, 1 Davies; 2 Dr A Smith, City; 3 Jos Duggan, Woodbine Park, City, Brood Mare, with foal by her side—1 and silver medal, Robt Davies; 2 and 3 Jos Duggan. Foal of 1893—1 Robt Davies; 2 and 3 Jos Duggan. Thoroughbred Stallion, 4 years old and upwards, not less than 15½ hands—1 and silver medal, H Cargill & Son, Cargill; 2 "The Cedars" Stables, North Toronto; 3 A Frank & Sons; 4 H Thurlow, Fergusonvale; 5 R Darling, Toronto. Stallion, 3 years old—1 John Cherry, Toronto; 2 Lorne Stock Farm, West Lorne; 3 Jos Keyser, Arkona; 4 R H Klocks, Klocks Wills. Stallion, 2 years old—1 Jno McBride, Sr, Newtonbrook; 2 B R McGill, Yelverton; 3 John Broderick, Phelpston; 4 O A Coates, Bothwell. Yearling Colt, entire—1 Simon Fraser, Toronto; 2 S E Morton, Kiswick; 3 W H Moffatt; Hockley; 4 "The Cedars" Stables, Gelding or Filly, 3 years old—1 and 2 H Cargill & Son; 3 Thos-Aikens, Mt. Charles; 4 J L Clark, Brampton. Gelding or Filly, 2 years old—1 and 2 H Cargill & Son; 3 Thos-Aikens, Mt. Charles; 5 J Darks, Brampton. Gelding or Filly, 2 years old—1 Harris & Reynolds, Oakville; 2 Eli Dolson, Alloa; 3 Jno McBride; 4 H Cargill & Son. Brood Mare, with Foal of the same breed by her side, not less than 154 hands—1 John McBride; 4 H Cargill & Son. Brood Mare, with Foal of the same breed by her side, not less than 154 hands—1 John McBride; 4 H Cargill & Son. Brood Mare, in harness, 164 hands high and under—1 GW Decker, Pickering; 2 R H Hems THOROUGHBRED HORSES-Stallion, 4 years old and

ham; 3 Jas McCarron, Toronto; 4 Isaac Watson, Toronto; 5 W H Booth, Toronto.

ROADSTERS—Best Roadster Stallion, 4 years old and upwards, not less than 15½ hands—1 H Cargill & Sons; 2 "The Cedars" Stables. Stallion, 4 years old and upwards, not less than 15½—1 and silver medal, Dorsey & Little, Winnipeg; 2 Robert Pourtous, Simcoe; 3" The Cedars" Stables. Stallion, 3 years old—1 "The Cedars" Stables: 2 Hugh Smith, Claude; 3 E A Teskey, St Thomas. Stallion, 2 years old—1 Lorne Stock Farm; 2 Morris, Stone & Wellington, Welland; 3 Joseph P Welch, St Catherines, Yearling Colt, entire—1 Hugh Smith, Claude. Gelding or Filly—3 years old—James Childs, Eglinton. Yearling Gelding or Filly—1 and silver medal, Benj Martin, Binbrook; 2 Benj Martin; 3 Geo Jackson & Son, Downsview. Brood Mare, with Foal of the same breed by her side, not less than 15½ hands—1 Benj Martin; 2 D Hughes Charles, Woodstock; 3 Geb Jackson & Son. Foal of 1893—1 Hugh Smith, Claude; 2 D Hughes Charles; 3 Geo Jackson & Son. Pair Matched Horses (Geldings or Mares), in harness, 15½ hands and under—1 Moore & Harris, Oakville. Single Horse (Gelding or Mare) in harness, 16 hands and under, and over 15½ hands—1 "The Cedars" Stables. Single Horse (Gelding or Mare), in harness, 15½ hands and under—1 Geo Jackson & Son. 2 "The Cedars" Stables. Best Standard Bred Stallion, 4 years old and upwards, not less than 15½ hands, etc—1 Ferguson & Co. Cookstown. Co, Cookstown

2 "The Cedars" Stables. Best Standard Bred Stallion, 4 years old and upwards, not less than 15½ hands, etc-1 Ferguson & CO, Cookstown.

CARHHAGE HORSES-1 and silver medal. Thomas Irving, Winchester; 2 A C McMillan, Erin; 3 Thos Irving; 4 Bert Ballagh, Orono. Stallion, 3 years old-1 Fred Row, Belmont; 2 W C Brown, Meadowvale; 3 Abram M Van Sickle, Jerseyville. Stallion, 2 years old-1 Philip D Stotto, Blytheswood; 2 C N Blanshard, V S, Appleby; 3 C J Wilson, Dunkerrow. Yearling Colt-1 Wm Pears, Toronto Junction; 2 Jas H Johnston, Woburn; 3 R M Wilson, Delhi. Pair Matched Carriage Horses (Mares or Geldings) not less than 16½ hands-1 Quinn Bros, Brampton; 2 B G Tisdale & Co, Brantford; 3 Andrew Turnbull, Branchton; 4 Mrs John Riordan, 1 Queen's Park. Pair Matched Carriage Horses, not less than 15½ and under 16½ hands-1 Westminster Stables, London; 2 Greenside & McGibbon, Guelph; 3 Westminster Stables; 4 Greenside & McGibbon, Guelph; 3 Westminster Stables; 4 Greenside & McGibbon, Guelding or Filly, 3 years old-1 Horace Chisholm, Paris; 2 Charles Wilmot, Newcastle; 3 Geo Chisholm, Milton. Gelding or Filly, 2 years old-1 and 2 Matthew Howson, Ashgrove; 3 T. J. Chisholm, Hornby. Yearling Gelding or Filly 1 Matthew Howson; 2 R M Wilson; 3 C E Bolender, 21 Lucas St. Brood Marc, 16 hands and over, with Foal of the same breed at her side-1 and 2 R M Wilson; 3 W. J. Thomson, Orkney. Foal of 1833-1 W J Thomson; 2 and 3 R M Wilson. Single Carriage Horse (Gelding or Mare) in harness, 15½ to 16½ hands-1 Lawrence & Johnston, Milton; 2 Westminster Stables; 3 Greenside & McGibbon; 4 D H Grand, East Buffalo. Single Carriage Horses (Mare or Gelding) in harness, not less than 16½ hands-1 D H Grand; 2 Wm Ardiel, London; 3 Fred Wyld, Toronto; 4 W C Short, Salem. Best Carriage Stallion, 4 years old and upwards, of 16¼ hands and over-1 A C McMillan, Erin. For best Mare, Gelding or Filly, Lowe Bros, Brampton, silver medal.

**AUNTERS AND SADDLE HORSUS S-Saddle Horse (Gelding or Mare) in harnesside & McGibbon; 2 Westminster Stables; 3 Geo

Pepper; 2 F A Campbell, V S, Toronto.

SPECIAL PRIZES FOR HUNTERS HIGH JUMPING—Lightweight Green Hunter carrying not less than 154 pounds—1 and 2 Greenside & McGibbon; 3 Geo Pepper, Heavyweight Green Hunters, carrying not less than 175 pounds—1 Westminster Stables; 2 Greenside & McGibbon; 3 Geo Pepper, Lightweight, Qualified Hunters, carrying not less than 154 pounds—1 and 2 Geo Pepper; 3 R Bond. Heavyweight, Qualified Hunters, carrying not less than 175 pounds—1 F A Campbell; 2 Geo Pepper; 3 Westminster Stables. Hunters, showing best performance over 5 successive jumps—1 Geo Pepper; 2 Greenside & McGibbon; 3 Westminster Stables; Special Prize awarded to Greenside & McGibbon.

Prize awarded to Greenside & McGibbon.

GENERAL PURPOSE HORSES—Mare or Gelding, 4 years old and upwards—1 Biran Fenwick, Dixie; 2 J.I. Clark, Brampton; 3 Å Dolson, Alloa. Filly or Gelding, 3 years old—1 and 2 J.I. Clark; 3 Geo B Jackson, London. Yearling Filly or Gelding—1 C Stewart, Alloa; 2 Å Dolson; 3 Simuel Dolson, Alloa. Brood Mare with Foal of the same breed by her side—1 M Harrison & Son, Brampton; 2 Samuel Dolson; 3 A Dolson. Foal of 1893—1 Å Dolson; 2 M Harrison & Sons; 3 Samuel Dolson. Matched Team (Geldings or Mares) in harness—1 John Shutter, Erie, Ont.; 2 J. L. Clark, Brampton. Best Mare or Gelding of any age—Silver medal, John Shutter.

CLY DESDALES—Stallion, 4 years old and upwards—1 and 4 D & O Sorby, Guelph; 2 and 3 Graham Bros., Claremont. Stallion, 3 years old—1 and silver medal, Wm. Innes, Bradford; 2 John Bavidson, Ashburn; 3 S C Johnston, Manilla; 4 T W Evans, Yelverton. Stallion—2 years old—1 Alex Cameron,

Ashburn; 2 Graham Bros.; 3 Prouse & Williamson, Ingersoll. Filly, 3 years old—1 Robert Davies, Todmorden; 2 D & O Sorby; 3 Robert Davies, Toronto. Filly, 2 years old—1, silver medal and 2 Robert Davies; 3 Jas I Davidson & Son, Balsam. Yearling Filly or Gelding—1 Jas I Davidson & Son; 2 F A Gardiner, Britannia. Brood Marc, with Foal of same breed by her side—1 Robert Davies; 2 Jas I Davidson & Son; 3 Graham Bros. Foal of 1893—1 Robert Davies; 2 Prouse & Williamson. Marc, with 2 of her progeny—1 Robert Davies.

SPECIAL PRIZES—CLYDESDALES—Best imported or

SPECIAL PRIZES-CLYDESDALES-Best imported or Canadian Clydesdale stallion, 4 years old and upwards, etc.—l Alex Cameron.

SPECIAL CHAMPIONSHIP PRIZE FOR CLYDES-ALE—Best Canadian bred Clydesdale Stallion, any age, etc. 1 D & O Sorby.

-1 D & O. Sorby.

ENGLISH SHIRE (IMPORTED OR CANADIAN BRED)
-Stallion, 4 years old and upwards—1 Horace N Crossley, Rosseau, Muskoka; 2 Geo Garbutt, Thistleton; 3 John Donkin, Riverview. Stallion, 3 years old—1 and silver medal, Wm. Mullin, Hillsburg. Yearing Colt—1 Morris, Stone & Wellington, Welland. Filly, 3 years old—Morris, Stone & Wellington, Filly, 2 years old—1 Alex Doherty, Ellesmere; 2 Morris, Stone & Wellington; 3 Chas Jackson, Mayfield. Yearling Filly or Gelding—1 Morris, Stone & Wellington. Brood Mare, with Foal of the ame breed by her side—1 Morris, Stone & Wellington; 2 Chas Jackson, Mayfield. Foal of 1893—1 Morris, Stone & Wellington; 2 Chas Jackson. Mare, with two of her progeny—1 and silver medal, Morris, Stone & Wellingtone. Span of Shire Horses (Geldings or Mares)—1 Chas Jackson. Best Mare of any age—Silver medal, Horace N Crossley.

SPECIAL PRIZE ENGLISH SHIRE HORSES (IM-

SPECIAL PRIZE ENGLISH SHIRE HORSES (IM-PORTED OR CANADIAN BRED)—Best Shire Stallion, 4 years old and upwards, with five of his progeny, etc—1 John Donkin

4 years old and upwards, with five of his progeny, etc-1 John Donkin

HAVY DRAUGHT HORSES (CANADIAN BRED ONLY)—Stallion, 4 years old and upward—1 and silver medal, D & O Sorby; 2 Peter Kelly, Orillia; 3 Isaac Devitt & Sons, Floradale. Stallion, 3 years old—1 Geo Taylor, Kippen; 2 Alex Cameron; 3 Thamesford Horse Stock Improving Co, Thamesford. Stallion, 2 years old—1 John White, Ashburn; 2 Jas A Boag, Queensville; 3 SS Cummer, Thornhill. Yearling Colt—1 Wm Foster & Son, Humber. Filly, 3 years old—1 and silver medal, Samuel McArthur, Oro Station; 2 Wm Foster & Son, Humber; 3 Prouse & Williamson. Filly, 2 years old—1 Jno J Balsam, Balsam; 2 Wm Foster & Son; 3 George Taylor. Yearling, Filly or Gelding—1 Samuel McArthur; 2 Isaac Devitt & Sons; 3 J W Linstead & Son, Queensville. Brood Mare, with Foal of the same breed by her side—1 and 3 Wm Foster & Son; 2 P W Boynton & Son, Dollar. Foal of 1893—1 Samuel McArthur; 2 Wm Foster & Son; 3 Geo Taylor. Mare with two of her progeny—1 and silver medal, Geo Taylor. Span of Heavy Draught Horses, Geldings or Mares—1 Isaac Devitt & Sons; 2 J Hewson & Son, Grahamsville; 3 The Shedden Co, Torento.

SUFFOLK PUNCH HORSES, IMPORTED, OR BRED FROM PURE IMPORTED STOCK—Stallion, 3 years old and upward—1 and silver medal, J H Strong, Winchester; 2 Mossom Boyd Co, Bobcaygeon. Mare, 3 years old and upwards—1 and silver medal, Mossom Boyd Co.

and silver meda!, Mossom Boyd Co.

HACKNEYS—Stallion, 4 years old and upwards—1 R Beith & Co, Bowmanville; 2 A G Ramsay, Hamilton; 3 Graham Bros. Stallion, 3 years old—1 and silver medal, R Beith & Co; 2 Thos Irvinz, Winchester; 3 H N Crossley, Rosseau. Stallion, 2 years old—1 Hillhurst Farm, Hillhurst Station, Que; 2 and 3 Geo H Hastings, Deer Park. Yearling Colt—1 Hillhurst Farm; 2 and 3 R Beith & Co. Filly, 3 years old—1, 2 and silver medal, R Beith & Co; 3 Hillhurst Farm. Filly, 2 years old—1 Geo H Hastings. Yearling Filly—1 Hillhurst Farm; 2 Graham Bros. Brood Mare, with Foal of the same breed by her side—1 Hillhurst Farm; 2 R Beith & Co; 3 Graham Bros. Foal of 1893—1 R Beith & Co; 2 Graham Bros; 3 Hillhurst Farm. Pair Matched Horses, High Steppers (Mares or Geldings) not more than 154 high—1 D H Grand, East Buftalo; 2 D Hughes Charles, Woodstock; 3 Greenside & McGibbon, Guelph. Single Horse, High Stepper (Mare or Gelding), not more than 154 hands high—1 Hillhurst Farm; 2 Westminster Stables, London; 3 D H Grand.

SPECIAL CHAMPIONSHIP PRIZE FOR HACKNEYS—Best Hackney Stallion, any age, recorded in the Canadian Hackney Stud Book, with 3 of his progeny—1 R Beith & Co.

DOG CART AND COB HORSES—Dog Cart Horse, style and action (Mare or Gelding), 4 years and over, not under 15½ hands high, etc—1 Westminster Stables; 2 D H Grand; 3 Quinn Bros Bros Brompton. Dog Cart Horse, style and action (Mare or Cart Horse, style and action (Mare or

and action (Mare or Gelding), 4 years and over, not under 151 hands high, etc-1 Westminster Stables; 2 D H Grand; 3 Quinn Bros, Brampton. Dog Cart Horse, style and action (Mare or Gelding), 4 years and over, under 151 hands and over 15 hands, etc-1 Quinn Bros; 2 Greenside & McGibbon, Guelph; 3 Westminster Stables. Cob in harness (Mare or Gelding), 4 years old and over, not under 14 hands and not exceeding 15 hands, etc-1 and 2 Greenside & McGibbon; 3 Lowes Bros, Brampton.

PONIES-Stallion 131 hands and under-1 Geo Pepper, Markham; 2 W E Dobson, Toronto; 3 G W Robinson, Kingston. Pony in single harness, 11 hands and under-1 J B Cook, Toronto; 2 Chas Ayre, Toronto; 3 G W Robinson, Kingston. Pony in single harness, over 11 hands up to 12-1 R Davies, Toronto; 2 P McConvay, Toronto; 3 J Worden, Toronto. Pair of Ponies in harness, 12 hands and under-1 Mackinnon Bros, Cashel. Pony in single harness, over 12 hands up to 131 hands-1 R H & W Muir, Toronto; 2 A Cuthbert, Toronto; 3 Wm Vokes, Toronto. Pair of Ponies in harness, over 12 hands up to 133 hands-1 S Dandy, Toronto. Pony in single harness, over 134 hands up to 144 hands 1 G H Briggs, Toronto; 2 R H & W Muir; 3 Harris & Revnolds, Oakville. Pony Running Race, for ponies 13 hands and under, half-mile heats, best 2 in 3-1 and 3 Geo Smith & Son, Grimsby; 2 Wm McConvay, Toronto. Pony Trotting Race (to harness in pony cart) 12 hands and under, half mile heats, best 2 in 3 H Wm Barclay, Georgetown; 2 G W Robinson, Kingston; 3 Robert Davies.

FOR BEST PERFORMANCE OF PROFESSIONAL

FOR BEST PERFORMANCE OF PROFESSIONAL COACHMAN IN LIVERY - Driving a pair of horses-1 Jas Morton, Toronto; 2 Walter C Douglas, Toronto; 3 Walter Keel-

FOR FOUR-IN-HANDS—Best Four-in-hand Team (Mares or Geldings) 4 years old and over—I Westminster Stables; 2 Greenside & McGibbon; 3 D H Grand.

FOR TANDEMS Best Tandem of Horses and turn out. style and skill in hudling, etc.—IWestminster Stables; 2 Greenside & McGibbon. Best Tandem of Ponies and turn out, style and skill in handling, etc. IWEDobson; 2 GWRobinson. BEST, AND BEST APPOINTED GENTLEMAN'S PAIR TURN-OUT—Pair of Marcs or Geldings, not under 15 hands, etc—I Westminster Stables; 2 F G Cox, Toronto; 3 Greenside

& McGibbon. GENTLEMAN RIDERS Best Gentleman Rider who shall

have taken a course of lessons at the English Riding School. Toronto, during present year 1 R Louis Gibson, Toronto; 2 Theo. Gibson, Toronto. BOY RIDERS Best Boy Rider, under 14 years of age, on Pony under 13 hands - 1 Geo Pepper; 2 Chas Wagcott, Bracon-dale; 3 R H & W Muir; V H C, Percy Rendell, Rosedale.

CHILDREN'S TURNOUT Shetland Pony, under 12 hands, harnessed to two-wheeled eart, driven by boy or girl under 15 years of age 1 W E Dobson; 2 W H Maxwell, Toronto. DONKEY'S RACE—Open Donkey Race I Mrs A B Cooper, Islington; 2 Andrew Crawford, Toronto; 3 R Griffin Persse, Toronto.

& Son, Brougham; 2 D D Wilson, Seaforth; 3 H Cargill & Son, Cargill. Bull, 1 year old—1 Thos Russell & Son, Exeter; 2 Eastwood Bros, Mimico; 3 H K Fairbairn, Thedford. Bulf calf, under 1 year—1 John Miller, Markham; 2 R & S Nicholson, Sylvan; 3 William -Redmond, Millbrook; 4 Simmons & Quirie; 5 Wm Redmond. Cow, 4 years old and upwards—1 J & W B Watt; 2 James Crerar; 3 John Miller & Sons. Cow, 3 years old—1 Thomas Russell & Son; 2 John Miller & Sons. Cow, 3 years old—1 Thomas Russell & Son; 2 John Miller & Sons; 3 D D Wilson. Heifer, 2 years old—1 and silver medal, Simmons & Quirie; 2 Jas Crerar; 3 H & W Smith, Hay. Heifer, 1 year old—1 H & W Smith; 2 Thos Russell & Son; 3 J & W B Watt. Heifer calf, under 1 year—1 R & S Nicholson; 2 H Cargill & Son; 3 Wm Redmond; 4 J & W B Watt; 5 Simmons & Quirie. Cow and two of her progeny—1 James Crerar. Four calves, under 1 year old—1 Wm Redmond; 2 R & S Nicholson; 3 Simmons & Quirie. Herd, consisting of 1 bull and 4 females over 1 year old—1 J & W B Watt; 2 John Miller & Sons; 3 Thos Russell & Son.

FAT CATTLE, ANY BREED—Fat steer, 2 years old and

Russell & Son.

FAT CATTLE, ANY BREED—Fat steer, 2 years old and under 3—1 and 2 Adam A Armstrong, Fergus; 3 Thos Russell & Son. Fat steer, 1 year old and under 2—1 Adam A Armstrong; 2 H & W Smith; 3 James Rennie, Wick. Fat steer calf, under 1 year old—1 Adam A Armstrong; 2 and 3 D D Wilson, Seaforth. Durham fat cow or heifer, 4 years old and over—1 J R Caldwell, Fergus; 2 Samuel Allin, Bowmanville; 3 Jas Yule, Sunderland. Fat heifer, under 4 years old—1 and 2 James Oke & Sons, Alvinston; 3 J R Caldwell. Pair of fat cattle of any age—1 and silver medal, James Oke & Sons; 2 James Leask, Greenbank; 3 J R Caldwell.

GRADE CATTLE—Grade cow 4 years old and unwards—

GRADE CATTLE—Grade cow. 4 years old and upwards—
1 James Yule, Sunderland; 2 and 3 James Leask. Cow, 3 years
old—1 and 3 James Leask; 2 James Yule. Heifer, 2 years old—
1 and 2 James Rennie; 3 Jas Leask. Heifer, 1 year old—1 and
silver medal, James Yule; 2 Jas Rennie; 3 James Oke & Sons.
Heifer calf, under 1 year—1 James Oke & Sons; 2 James Yule;
3 James Leask. Four females, over 1 year old—1 Jas Rennie;
2 James Leask; 3 James Yule.

2 James Leask; 3 James Yule.

HEREFORDS—Bull, 3 years old and upwards—1 and 2 and silver medal, F W Stone, Guelph. Bull, 2 years old—1 F W Stone. Bull, 1 year old—1 F A Ffeming, Weston; 2 and 3 F W Stone. Bull calf, under 1 year—1 and 2 and silver medal, F A Fleming; 3 F W Stone. Cow, 4 years old and upwards—1 and 2 F A Fleming; 3 F W Stone. Cow, 3 years old—1 F A Fleming; 2 and 3 F W Stone. Heifer, 2 years old—1 and silver medal, F A Fleming; 2 and 3 F W Stone. Heifer, 1 year old—1 F A Fleming; 2 and 3 F W Stone. Heifer calf, under 1 year—1 F A Fleming; 2 and 3 F W Stone. Herd, consisting of 1 bull and 4 females, over 1 year old—1 F A Fleming, 2 and 3 F W Stone. POLLED-ANGUS—Bull, 3 years old and upwards—1 Wm

POLLED-ANGUS—Bull, 3 years old and upwards—1 Wm Stewart & Son, Lucasville. Bull calf, under 1 year—3 Wm Stewart & Son; 4 and 5 James Bowman, Guelph. Cow, 4 years old and upwards—1 and silver medal, James Bowman; 2 and 3 Wm Stewart & Son. Cow, 3 years old—1 Jas Bowman. Heifer, 2 years old—1 Wm Stewart & Son. Herd, consisting of 1 bull and 4 females over 1 year old—1 Wm Stewart & Son.

[GALLOWAYS Bull 2 years old and approach 1 & sand GALLOWAYS Bull 2 years old and approach 1 & sand GALLOWAYS Bull 2 years old and approach 1 & sand GALLOWAYS Bull 2 years old and approach 1 & sand GALLOWAYS Bull 2 years old and approach 1 & sand GALLOWAYS Bull 2 years old and approach 1 & sand GALLOWAYS Bull 2 years old and approach 1 & sand GALLOWAYS Bull 2 years old and approach 1 & sand GALLOWAYS Bull 2 years old and approach 1 & sand GALLOWAYS Bull 2 years old and approach 1 & sand GALLOWAYS Bull 2 years old and approach 1 & sand GALLOWAYS Bull 2 years old and approach 1 & sand GALLOWAYS Bull 2 years old and approach 1 & sand GALLOWAYS Bull 2 years old and approach 1 & sand GALLOWAYS Bull 2 years old and approach 1 & sand GALLOWAYS Bull 2 years old and approach 1 & sand GALLOWAYS Bull 2 years old and approach 2 & sand 3 & sand GALLOWAYS Bull 2 & sand GAL

year old—1 Wm Stewart & Son.

GALLOWAYS—Bull, 3 years old and upwards—1, 2 and silver medal, D McCrae, Guelph. Bull, 2 years old—1, John Sibbald, Annan; 2, D McCrae. Bull, 1 year old—1, D McCrae; 2 and 3, A M & R Shaw, Brantford. Bull calf, under 1 year—1 and 2, D McCrae; 3, A M & R Shaw. Cow, 4 years old and upwards—1 and 2, D McCrae; 3, A M & R Shaw. Cow, 3 years old—1 and 3, D McCrae; 2, A M & R Shaw. Heifer, 2 years old—1 and 3, D McCrae; 2, A M & R Shaw. Heifer, 1 year old—1 and 3 D McCrae; 2 W H & C H McNish, Lynn. Heifer calf, under 1 year—1, 2 and silver medal, D McCrae; 3 A M & R Shaw. Herd, consisting of one bull and four females over 1 year old—1 and 3 D McCrae; 2, A M & R Shaw.

DEVONS—Bull, 2 years old—1 and silver medal, W J Rudd.

DEVONS—Bull, 2 years old—1 and silver medal, W J Rudd, Eden Mills. Bull, 1 year old—1, W. J. Rudd. Bull calf, under 1 year—1 and 2, W. J. Rudd. Cow, 4 years old and upwards—1, 2, 3 and silver medal, W J Rudd. Cow, 3 years old—1 and 2, W J Rudd. Heifer, 1 year old—1, W J Rudd. Heifer, 1 year old—1, W J Rudd. Heifer calf, under 1 year—1 and 2, W J Rudd. Herd, consisting of 1 bull and 4 females, over 1 year old—1, W J Rudd.

JERSEYS—Bull, 3 years old and upwards—1, J H Smith & Son, Highfield; 2. G-Smith & Son, Grimsby; 3, G-Osborne, Kingston. Bull, 2 years old—1, Daniel Meadley, Erin; 2, S-F McKinnon, Toronto. Bull, 1 year old—1, A McLean Howard, jr., Toronto; 2, W-A Reburn, St Anne du Bellvue, Que.; 3, W-Rolph, Markham. Bull calf, under 1 year—1, G-Osborne; 2, W-A Reburn; 3 and 4, J H Smith & Son. Cow, 4 years old and upwards—1 J H Smith & Son; 2, W-Rolph; 3, G-Smith & Son. Cow, 3 years old—1, G-Smith & Son; 2, A McLean Howard, jr.; 3, J H Smith & Son. Heifer, 2 years old—1, 3 and silver medal, 1 Cook, Orillia; 2, J H Smith & Son. Heifer, 1 year old—1, W-A Reburn; 2, H Cook; 3, A McLean Howard, jr. Heifer calf, under 1 year—1, 3 and 4, W-A Reburn; 2, G-Osborne, Four calves, under 1 year old—1, W-A Reburn; 2, G-Osborne, Four calves, under 1 year old—1, W-A Reburn; 2, G-Osborne, Four calves, under 1 year old—1, W-A Reburn; 2, G-Osborne; 3, J H Smith & Son. Herd of 1 bull and 4 females, over 1 year old—1, J H Smith & Son; 2, G-Smith & Son; 3, H Cook. JERSEYS-Bull, 3 years old and upwards-1, JH Smith & Son, Highfield; 2. G-Smith & Son, Grimsby; 3, G-Osborne,

J H Smith & Son; 2, G Smith & Son; 3, H Cook.

GUERNSEYS—Bull, 3 years old and upwards—Land silver medal, W H & C H McNish, Lyn; 2, R Moody & Sons, Guelph, Bull, 2 years old—1, J N Greenshields, Danville, Que;; 2, R Moody & Sons. Bull, 1 year old—1, W H & C H McNish; 2, J X Greenshields, Bull calf, under 1 year—1, J N Greenshields; 2, W H & C H McNish. Cow, 3 years old—1, J N Greenshields; 2, W H & C H McNish. Cow, 3 years old—1, J N Greenshields; 2, W H & C H McNish. Heifer, 2 years old—1, J N Greenshields; 2, W H & C H McNish. Heifer, 2 years old—1, W H & C H McNish; 2, J N Greenshields. Hefer calf, under 1 year—1 and silver medal, W H & C H McNish; 2, J N Greenshields. Herd, consisting of 1 bull and 4 females, over 1 year old—1, J N Greenshields; 2, W H & C H McNish; 2, J N Greenshields. Herd, consisting of 1 bull and 4 females, over 1 year old—1, J N Greenshields; 2, W H & C H McNish; 2. J N Greenshields. Herd, consisting of 1 bull and 4 females, over 1 year old—1, J N Greenshields; 2, W H & C H McNish.

HOLSTEINS Bull, 3 years old and upwards 1, McDuffee & Butters, Stanstead, Que.; 2, R S Stevenson, Ancaster; 3, A C Hallman & Co., New Dundee. Bull, 1 year old -1, W G Ellis, Bedford Park; 2, A C Hallman & Co.; 3, R S Stevenson. Bull calf, under 1 year -1 and 3, A C Hallman & Co.; 2, McDuffee & Butters; 1, R S Stevenson. Cow, 4 years old and upwards -1 and 2 and silver medal.Smith Bros; 3 McDuffee & Butters. Cow, 3 years old 1 G W Clemons.St George; 2 and 3 McDuffee & Butters. Heifer, 2 years old 1 W E Ellis; 2 Smith Bros; 3 A C Hallman & Co. Heifer, 1 year old 1, R S Stevenson; 2 and 3, A C Hallman & Co. Heifer calf, under 1 year 1, A C Hallman & Co.; 2, Smith Bros; 3 and 4, McDuffee & Butters. Herd of 1 bull and 4 females, over 1 year old 1, McDuffee & Butters; 2, A C Hallman & Co.; 3, Smith Bros. Bull and 4 of his progeny, any age -1, McDuffee & Butters. HOLSTEINS Bull, 3 years old and upwards 1, McDuffee ny age -1, McDuffee & Butters.

SHEEP.

Persse, Toronto.

CATTLE.

SHORTHORNS Bull, 4 years old and over 1 Jas Cuerie, Everton; 2 James Crerar, Shakespeare; 3 James Leask, Green, bank. Bull, 3 years old and under 4 + 1 J & W B Watt, Salem; 2 Simmons & Quirie, Ivan and Delaware; 3 James Gardhouse & Sons, Highdield. Bull, 2 years old and under 3 1 John Miller.

Thompson, Uxbridge; 2 Robert Miller; Brougham. Shearling Ram 1 John Thompson; 2 Jas Main, Milton; 3 Robert Miller; 2 Horay ford the Green of Sons, Vision in Spinore, 3 Horay ford the Green of Sons, Vision in Spinore, 4 Horay ford the Green of Sons, Vision in Spinore, 4 Horay ford the Green of Sons, Vision in Spinore, 4 Horay ford the Green of Sons, Vision in Spinore, 4 Horay ford the Green of Sons, Vision in Spinore, 4 Horay ford the Green of Sons, Vision in Spinore, 4 Horay ford the Green of So

John Thompson. Two ewe lambs—1 Robert Miller; 2 and 3 John Thompson; 4 H. Crawford & Sons. Pen, 1 ram, 4 ewes and 2 ewe lambs—1 Robert Miller; 2 and 3 John Thompson. Pen, Canadian bred, not shown in other pens—1 John Park, Burgessville; 2 T F Boynton & Sons; 3 H Crawford & Sons.

LEICESTERS-Ram, 2 shears and over-1 William White-LEICESTERS—Ram, 2 shears and over—1 William White-law, Guelph; 2 James Gardnouse & Sons, Highfield; 3 C E Wood, Freeman. Shearling ram—1 John Kelly, Shakespeare; 2 and 3 E Gaunt & Sons, St Helens. Ram lamb—1, 3 and 4 John Kelly; 2 Wm Whitelaw. Two ewes, 2 shears and over —1 E Gaunt & Sons; 2 John Kelly; 3 Wm Whitelaw! Two shearling ewes—1 and 2 John Kelly; 3 E Gaunt & Sons. Two ewe lambs—1 and 3 John Kelly; 2 E Gaunt & Sons. Two Whitelaw. Pen, 1 ram, 4 ewes and 2 ewe lambs—1 and 3 John Kelly; 2 E Gaunt & Sons.

LINCOLNS—Ram, 2 shears and over—1 and 2 Gibson & Walker, Delaware; 3 Wm Oliver, Avonbank. Shearling ram—1 and 2 Gibson & Walker; 3 Wm Oliver. Ram lamb—1 and 3 Gibson & Walker; 2 and 4 Wm Oliver. Two ewes, 2 shears and over—1 and 3 Gibson & Walker; 2 William Oliver. Two shearling ewes—1 and 3 Gibson & Walker; 2 Wm Oliver. Two ewe lambs—1 and 2 Gibson & Walker; 3 and 4 Wm Oliver. 1 ram, 4 ewes and 2 ewe lambs-1 and 2 Gibson & Walker; 3 Wm Oliver.

3 Wm Oliver.

SHROPSHIRES—Ram, 2 shears and over—1 and 2 John Campbell, Woodville; 3 Robert Davies, Toronto. Shearling ram—1 Robert Davies; 2 and 3 John Campbell. Ram lamb—1 Robert Davies; 2 and 3 John Campbell; 4 D G Hanner & Son, Mount Vernon. Two ewes, 2 shears and over—1 Horace Chisholm, Paris; 2 D G Hanner & Son; 3 Robert Davies. Two shearling ewes—1 and 3 John Campbell; 2 Robert Davies. Two ewe lambs—1 John Campbell; 2 D. G. Hanner & Son; 3 Robert Davies; 4 C W Gurney, Paris. Pen, 1 ram, 4 ewes and 2 ewe lambs—1 Robert Davies; 2 John Campbell; 3 D. G. Hanner & Son. Pen, Canadian bred, not shown in other pens—1 John Campbell; 2 Robt. Davies; 3 D G Hanner & Son.

OXFORD DOWNS—Ram, 2 shears and over—I Henry Arkell, Arkell; 2 James Tolton. Shearling ram—I Henry Arkell; 2 James Tolton; 3 Smith Evans, Bourock. Ram lamb—I and 2 Henry Arkell; 3 James Tolton; 4 Smith Evans. Two ewes, 2 shears and over—I James Tolton; 2 Henry Arkell; 3 Smith Evans. Two shearling ewes—I Henry Arkell; 2 and 3 Jas Tolton. Two ewe lambs—I and 4 Henry Arkell; 2 and 3 James Tolton. Pen, 1 ram, 4 ewes and 2 ewe lambs—I Henry Arkell; 2 and 3 James Tolton. Pen, 1 ram, 4 ewes and 2 ewe lambs—I Henry Arkell; 2 and 3 James Tolton.

and bred by the exhibitor—1 Smith Evans; 2 James Tolton,

SOUTHDOWNS—Ram, 2 shears and over—1 and 2 John
Jackson & Sons, Abingdon; 3 T C Douglas. Shearling ram—1
and 3 John Jackson & Sons; 2 T C Douglas. Ram lamb—1 T C
Douglas; 2 John Jackson & Sons; 3 Robert Shaw & Sons,
Glanford Station; 4 A Telfer & Sons, Paris. Two ewes, 2
shears and over—1 and 2 John Jackson & Sons; 3 T C Douglas.
Two shearling ewes—1 John Jackson & Sons; 2 and 3 T C
Douglas. Two ewe lambs—1 and 3 John Jackson & Sons; 2 T
C Douglas; 4 Robert Shaw & Sons. Pen, 1 ram, 4 ewes and 2
ewe lambs—1 John Jackson; 2 and 3 T C Douglas. Pen, bred
and owned by exhibitor and not shown in other pens—1 John
Jackson; 2 Robert Shaw & Sons; 3 A Telfer. Two recorded
lambs, 1 ram and 1 ewe, bred and owned by a resident of the
Dominion—1 John Jackson & Sons.

MERINOES—Ram, 2 shears and over—1 and 2 Robert

MERINOES—Ram, 2 shears and over—1 and 2 Robert Shaw & Sons; 3 W M and J C Smith, Fairfield Plains. Shearling ram—1 and 3 Robert Shaw & Sons; 2 W M and J C Smith, Ram lamb—1 and 2 W M and J C Smith; 3 Robert Shaw & Sons. Two ewes, 2 shears and over—1 and 2 Robert Shaw & Sons; 3 W M & J C Smith. Two shearling ewes—1 and 2 Robert Shaw & Sons; 3 W M and J C Smith. Two ewe lambs—1 and 2 W M and J C Smith; 3 Robert Shaw & Sons. Pen, 1 ram, four ewes and two ewe lambs—1 and 3 Robert Shaw & Sons; 2 W M & J C Smith.

DORSET HORN SHEEP—Ram, 2 shears and over—I John A McGillivray, Uxbridge; 2 and 3 T W Hector, Springfield-on-Credit. Shearling ram—I and 3 John A McGillivray; 2 T W Hector. Ram lamb—I and 2 T W Hector; 3 John A McGillivray. Two ewes, 2 shears and over—I T W Hector; 2 and 3 J A McGillivray. Two shearling ewes—I and 2 John A McGillivray; 3 T W Hector. Two ewe lambs—I John A McGillivray; 2 and 3 T W Hector. Pen, 1 ram, 4 ewes and 2 ewe lambs—I and 3 John A McGillivray; 2 T W Hector.

EAT SHEEP—Two fat wetbers 2 shears and over long.

FAT SHEEP—Two fat wethers, 2 shears and over, long woolled breed—1 and 2 John Rutherford, Roseville. Two fat wethers, under 2 years, long-woolled breed—1 and 2 John Rutherford. Two fat wethers, 2 shears and over, short-woolled breed—1 and 2 John Rutherford. Two fat wethers, under 2 years, short-woolled breed—1 John Rutherford; 2 John Campbell, Woodville.

SWINE.

IMPROVED BERKSHIRE -Boar, over 2 years-1 J G Snell & Bro, Ed monton: 2 S Coxworth, Claremont, 3 Geo Green, Fairview, Boar, over 1 year and under 2-1 J G Snell & Bro; 2 S Coxworth; 3 Geo Green. B sar, under 6 months-1 and 2 J G Snell & Bro; 3 S Coxworth. Sow, over 2 years -1 and 2 Geo Green: 3 S Coxworth. Sow, over 1 year and under 2-1 J G Snell & Bro; 2 S Coxworth. Sow, over 6 months and under 12-1 and 2 J G Snell & Bro; 3 S Coxworth. Sow, over 6 months and under 12-1 and 2 J G Snell & Bro; 3 S Coxworth. Sow, under 6 months -1 and 3 Geo Green; 2 Thomas Teasdale, Concord. Boar and 2 sows of any age-1 J G Snell & Bro; 2 G Green

Teasdale, Concord. Boar and 2 sows of any age-1.1 G Shell & Bro; 2 G Green

SUFFOLKS—Boar over 2 years—I Robert D orsey, Burnhamthorpe; 2
Joseph Featherstone, Streetsville; 3 A Frank & Sons. The Grange. Boar,
over 1 year and under 2-1 Jos Featherstone; 2 Robt Dorsey; 3 A Frank &
Sons. Boar, over 6 and under 12 months—I H George & Sons; 2 Robet Dorsey; 3 Joseph
Featherstone. S & over 2 years—I a Frank & Sons; 2 Robert Dorsey; 3 Joseph
Featherstone. S & over 2 years—I a Frank & Sons; 2 Robert Dorsey; 3 Jos
Featherstone. Sow, over 1 and under 2 years—I and 3 Joseph Featherstone; 2 and 3
Joseph Featherstone. Sow, under 6 months—I and 3 Robt Dorsey; 2 A Frank
& Sons. Boar and sows of any age—I Joseph Featherstone; 2 Robt Dorsey,

POLYAND CHIVIS—Roar over 2 years—I and 2 I I Payne Chatham 3

A Sons. Boar and sows of any age -1 Joseph Feitherstone; 2 Robt Dorsey.

POLAND-CHINAS - Boar, over 2 years -1 and 2 J J Payne, Chatham 3 W&F Row, Avon. Boar, over 1 and under 2 years -1 and 2 W&H Jones, Mount Eigin; 3 W M&J C Smith, Fairfield Plains Boar, over 6 months and under 12-1 W&F Row; 2 W H Jones; 3 W M&J C Smith. Boar, under 6 months -1 and 3 W&F Row; 2 W&H Jones Sow, over two years -1 W&F Row; 2 W M&J CSmith; 3 J J Payne, Sow, over 1 year and under 2-1 W&H Jones; 2 W&F Row; 3 J J Payne, Sow, over 6 months and under 12-1 W&H Jones; 2 W&F Row; 3 Sow, over 1 worth sand under 12-1 W&H Jones, Boar and 2 sows of any age -1 W&H Jones; 2 W&F Row.

W&H Jones. Boar and 2 sows of any age -1 W&H Jones; 2 W&F Row. CHESTER WHITES -Boar, over 2 years-1 and 3 H George & Sons, Crampton; 2 Daniel De Courcy, Bornholm. Boar, over 1 year and under 2-1 H George & Sons; 2 R H Harding, Thornhale; 5, Deriel De Courcy. Boar, over 6 months and under 12-1 Daniel De Courcy. 3 H George & Sons; 3 R & F Row. Sow, over 2 years-1 and 3 H George & Sons; 2 Daniel De Courcy. Sow, over 1 and under 2 years-1 and 3 H George & Sons; 2 R H Harding; 3 Daniel De Courcy. Sow, over 6 and under 12 months -1 and 3 H George & Sons; 2 R H Harding; 3 bonnel De Courcy. Sow, over 6 and under 12 months -1 and 3 H George & Sons; 2 R Courcy. Sow, over 6 and under 12 months -1 and 3 H George & Sons; 2 R Courcy. Boar and 2 sows of any age -1 and 2 H George & Sons.

TAMWORTHS -Boar, over 2 years -1 and 3 John Bell, Amber; 2 James Calvert, Thedford, Boar, over 1 and under 2 years -1 Watter T Elliott, Hamilton; 2 James Calvert; 3 John Bell, Boar over 6 and under 12 months -1 James Calvert; 3 John Bell, Boar, under 6 months -1 A C Hallman & Co, New Dundee; 2 James Calvert; 3 John Bell, Sow, over 2 years -1 and 3 James Calvert; 2 John Bell, Sow, over 1 year and under 2 -1 James Calvert; 2 John Bell, Sow, over 1 year and under 2 -1 James Calvert; 2 John Bell, Sow, under 6 months 1 John Bell, Sow, under 6 months 1 John Bell, 2 A C Hallman & Co; 3 James Calvert, Boar and 2 sows of any age -1 James Calvert, 2 John Bell,

of any age-1 James Calvert, 2 John Bell.

IMPROVED YORKSHIRES Boar, over 2 years-1 J E Brethour, Burford; 2 J N Greenshields, Danville, que. Boar, over 1 year and under 2-1 J N Greenshields; 2 Joseph Feathers: one. Boar, over 6 and under 12 months-1 and 2 J E Brethour; 3 J N Greenshields. Sow over 2 years 1 Joseph Featherstone; 2 J E Brethour; 3 J N Greenshields. Sow over 2 years 1 Joseph Featherstone; 2 J N Greenshields; 3 J E Brethour; 8 J N Greenshields. Sow over 1 year and under 2 1 J E Brethour; 2 J N Greenshields; 3 Joseph Featherstone, 8 ow, over 6 and under 12 months-1 J E Brethour; 2 J N Greenshields. Sow under 6 m inths-1 Joseph Featherstone; 2 and 3 J E Brethour. Boar, and 2 sows of any age-1 J E Brethour; 2 J N Greenshields.

SPECIAL 1941/F IMPROVED OFFICERIBLES Bear or sow, over 6 SPECIAL PRIZE, IMPROVED CORKSHIRES Boar or sow, over 6 months old I and cup. J. E. Brethour.

J. Frethour.

JERSEY REDS AND OTHER BREEDS—Boar.

A HERSEY REDS AND OTHER BREEDS—Boar.

I hand 3 Joseph Featherstone; 2 H. George & Sons,

and ander 1 H. months. I and 2 Joseph Featherstone.

B. Ander 6 months. 1 R. F. Duck; 2 Mrs. A. B. Cooper.

Better 1 Near and unifer 2—1 and 2 Joseph Featherstone.

J. Bornhaumthorpe. Sow, over 6 and under 12 w. eds.; 2 H. George & Sons; 3 Joseph Featherstone.

St. Picke, 2 Joseph Featherstone; 3 H. George & Sons,

the breed, of any age—1 and 2 Joseph Featherstone. VICTORIAS, 1.881

fou of fro rec bes

jec

Bo

nev lan vel

sug

flie sel ag ser m no fir ne th tii



THE QUIET HOUR.

The Bible.

The Bible! that's the Book, the Book indeed. The Book of books, on which who looks,
As he should do, aright, shall never need
Wish for a better light to guide him in the night.

It is the looking-glass of souls, wherein
All men may see whether they be
Still, as by nature they are, deform'd with sin;
Or in the better case, as new adorn'd with grace.

Tis the great magazine of spiritual arms,

Wherein doth lie the artillery
Of Heaven, ready charged against all harms
That might come by the blows of our infernal foes.

God's cabinet of reveal'd counsel 'tis, Where weal and woe are order'd so, That every man may know which shall be his; Unless, his own mistake, false application make.

It is the index to Etchaity:
He cannot miss of endless bliss
That takes this chart to steer his voyage by,
Nor can he be mistook that speaketh by this Book.

Say, God of books? Let him that looks
Angry at this expression as too bold,
His thoughts in silence smother, till he find such another.

—Rev. George Herbert.

The Blank Bible.

I thought I was at home, and that, on taking up my Bible one morning, I found, to my surprise, that it was a total blank. On going into the street, I found every one complaining in similar perplexity of the same loss; and before night it became evident that a great and wonderful miracle had been wrought in the world: the Hand which had written its awful menace on the walls of Belshazzar's palace had reversed the miracle, and expunged from our Bibles every syllable they contained, thus reclaiming the most precious gift that Heaven had bestowed and ungrateful man had abused.

There was, universally, an interest in the Bible, now it was lost, such as had never attached to it while it was possessed. Some, to whom the Sacred Book had been a blank for twenty years, and who never would have known of their loss but for the lamentations of their neighbors, were not the least vehement in their expressions of sorrow. It was suggested that the whole Bible had again and again been quoted piecemeal in one book or another; but alas! on inspection it was found that every text which had been quoted, whether in books of the

ology, poetry or fiction, had been obliterated. It was with trembling hand that some made the attempt to transcribe the erased texts from mem They feared that the writing would surely fade away; but, to their unspeakable joy, they found the impression durable, and people at length came to the conclusion that God had left them at liberty, if they could, to reconstruct the Bible for Some obscure individuals, who had themselves. Some obscure individuals, who studied nothing else but the Bible, came to be jects of reverence among Christians and booksellers. It was curious to see the variety of readings of the same passages insisted on by conflicting theologians; somehow the memory was seldom so clear in relation to texts which told against, as in relation to those which told for, their several theories. A miser contributed a maxim of prudence, which he recollected principally from All the ethical having systematically abused. maxims were soon collected; for though, as usual, no one remembered his own peculiar duties or infirmities, every one kindly recollected those of his neighbors. As for Solomon's "times for every thing," few could recall the whole, but everybody remembered some. Undertakers said there was "a time to mourn;" and comedians said there was "a time to laugh:" everybody knew there was "a time brthy Quaker added that there to speak;" an brthy Quaker was also "a ting to keep silence."

But the most amusing thing of all was to see the variety of speculations which were entertained respecting the object and design of this strange event. Many gravely questioned whether it could be right to attempt the reconstruction of a Book of which God Himself had deprived the world; and some, who were secretly glad to be relieved of so troublesome a(monitor, were particularly pious on this head, and exclaimed bitterly against this rash attempt to counteract the decrees of Heaven. Some maintained that God, in compassion, and not in indignation, had taken away a Book which men regarded with an extravagant admiration and idolatry. This last reason, which assigned, as the cause of God's resumption of His own gift, an extravagant admiration and reverence of it on the part of mankind-it being so notorious that even the best of Christians had grievously neglected it struct me as so exquisitely ludicrous, that I broke into a fit of laughter which awoke me.

The morning sun was shining on the open Bible which lay on the table, and it was with joy that my eyes rested on these words: "The gifts of God are without repentance." Rogers.

FAMILY CIRCLE.

Poor Yorick.

BY ROBERT N. STEPHENS.

The name by which he was indicated on the play-bills was Overfield. His real name was buried in the far past. By several members of the company to which he belonged he was formed by Novich was to work the company to which he belonged he was

several members of the company to which he belonged he was often called "Poor Yorick,"

I asked the "leading juvenile" of the company -young Bridges, who was supposed to attract women to the theatre, and for whose glorification "The Lady of Lyons" was sometimes revived at matinees—how the old man had acquired the

nickname.
"I gave it to him myself last season," replied Bridges, loftily. "Can't you guess why? You remember the grave-yard scene in Hamlet. The skull of Yorick, you know, had lain in the earth three-and-twenty years. Yorick had been dead that long. Well, the old man had been dead for about the same length of time,—professionally dead. I mean. See?"

It was true that, so far as being known by the world went, the old man was as good, or as bad, as dead. He no longer played other than quite unimportant parts.

It was said by some one that he was the poorest actor and the noblest man in the company; a statement amended by

It was said by some one that he was the poorest actor and the noblest man in the company; a statement amended by Jennison, an Englishman who usually played villains, to this that his were the worst art and best heart in the profession. Poor Yorick was a thin man, with a smooth, gentle face, lamb-like blue eyes, and eurling gray focks that receded gracefully from his forehead. He had just an individualizing amount of the pomposity characteristic of many old-time actors. He was not known to have any living kin. He permitted himself one weakness, a liking for whiskey, an indulgence which was never noticed to have wrought appreciable harm upon him. Once I asked him when he had made his debut. He answered, "When Joe Jefferson was still young, and before Billy Crane was heard of."

answered, "When Joe Jefferson was still young, and before Billy Crane was heard of."

"In what role!"

"As four soldiers," he replied.

"How could that be!"

He explained that he had first appeared as a "super" in a military drama, marching as a soldier. The procession, in order to create an illusion of length, had passed across the stage and back, the return being made behind the scenes four times continuously in the same direction.

The old man took uncomplainingly to the name applied to him by Bridges. He must have known what it implied, for

The old man took uncomplainingly to the name applied to him by Bridges. He must have known what it implied, for surely he could not have mistaken himself for "a fellow of infinite jest, of most excellent fancy." His non-resentment was but an evidence of his good nature, for he was aware that it is not a very general custom of actors to give each other nicknames, and that his case was an exception.

When he was playing the insignificant part of the old family servant of a New York banker, in the most successful comedy of that season, he came to know Bridges better than ever before. Poors, Yorick had little more to do in the play than to "come on" and turn up some lights, arrange some papers on a desk, go off, and afterwards return and lower the lights. Bridges was doing the rôle of the bank-clerk in love with the banker's daughter. Yorick and Bridges, through some set of circumstances or other, were sharers of the same dressing-room.

papers on a desk, go oft, and afterwards return and lower the lights. Bridges was doing the role of the bank-clerk in the with the banker's daughter. York and fluides the words with the banker's daughter. York and fluides the own of the words and putting on their street clothes. Said the old man.—

"Did you notice the pretty little girl in the upper box! She reminds me of.— here his voice fell and took on suddenly a tone of sadness.— of some one I knew one of the high part of the sentence.

"Notice her?" he answered, with a touch of triumphant vanity in his manner of speech. "I should say I did. She was there on my account. I'm going to make a date with her for super after the performance to-night.

"Overfield, sitting on a trunk, stared at Bridges in surprise.—"Do you know her?" he asked.

"Do you know her?" he asked.

"Do you know her?" he asked.

"Do you know her?" he saked.

"That is, I've never met her. But is he's been writing me mash notes lately, asking for a meeting. In the last one she said she could get away from her house this evening, as her father's out of town and her mother is going over to Philadelphia this afternoon. So she invited me to have supper with her to-night, and was yoo enough to say she'd occupy that box this afternoon. Or to could see what she's like. Didn't you does not not not her first letter. But you don't answer that girl's letter. Surely you don't mean to '"Hello." What have you got to do with it! Do you know her you was you were me'old flow?

"No. I don't in your oar. You bet I'll answer the last one right thing, you have you were me'old flow?

"No. I don't in yo

soon immersed in the composition of a letter, which

caused him many contractions of the brow, many lapses during

caused him many contractions of the brow, many appeaduring which he abstractedly stared at vacancy, many fresh beginings, and the whole of the two hours allowed him, before the evening performance, for dinner.

When he had finished the letter, he carefully read it and made a few corrections. Then he folded it up, put it in an envelope, and placed it unscaled in his inside coat-pocket. He was a symptomic probability of resolution about his eyes that was

When he had finished the letter, he carefully read it and made a few corrections. Then he folded it up, put it in an envelope, and placed it unsealed in his inside coat-pocket. He rose with an expression of resolution about his eyes that was quite new there.

Ascertaining by the clock in the thronged main corridor that the time was about ten minutes after seven, the old man rushed into the cafe, where he devoured hastily a chicken croquette and swallowed a cup of coffee and a glass of whiskey before starting to the theatre. He was in his dressing-room and in his shirt-sleeves, touching up his eyebrows, when Bridges arrived. A cool greeting passed between the two.

"You sent the note!" asked the old man.

"What notef" gruftly queried Bridges, taking off his coat.

"To that girl."

A curious look, unobserved by Bridges, shot from Poor Yorick's eyes. It seemed to say, "Wait! Things may happen that you're not looking for."

At about the time when Bridges and Yorick were dressing for the performance, a newspaper reporter, wishing to make a few notes of an interview that had been accorded him by a politician staying in the hotel at which the old man had written his long letter, went into the writing-room and made use of the desk where the actor had sat earlier in the evening. Several sheets of blank paper were scattered over it. One of them contained almost a page of writing. Yorick had negligently left it there. It was a beginning made by him before he had succeeded in attaining a satisfactory wording for his thoughts. This rejected opening read.

"My dear foolish young lady,—Something has happened which prevents Mr. Bridges from keeping his appointment with you, and you are much better off on that account, for nothing but unhappiness can come to you if you allow yourself to be carried out of your senses by your infatuation for a man who has neither the brains nor the manlinoss which he seems to have when playing parts that call for the mere simulation of those gifts. Never make an appointment with a man you do not

me wish to save you. My dear young—"

There were yet two lines to spare at the foot of the page. The newspaper man, interested by the fragment, thrust it into his pocket.

When Poor Yorick had finished his final scene in the comedy at the—Theatre that night, he made haste to dress and to leave the playhouse. But he loitered near the stage entrance, keeping in the shadow on the other side of the alley, out of the range of the light from the incandescent globe over the door.

Bridges was slightly surprised, on returning to his dressing-room, to find that Yorick had already gone. But he attributed this to the ill feeling that had arisen on account of the intended meeting with the girl of the letters and the box.

The leading juvenile attired himself for the conquest carefully butrapidly. When he was ready he surveyed his reflection complacently in the long mirror, assuming the slightly languid look that he intended to maintain during the first half-hour of the supper. He retained the dress-suit which he wore in the second and third acts of the play, and which he rarely displayed outside the theatre. He flattered himself that he was quite irresistible, and wondered whether she would take him to Delmonico's or to some quiet little place. He indulged, too, in some vague speculations as to what the supper might result in. The girl was evidently of a rich family, but her people would doubtless never hear of her making a match with him, that divorce affair being in recent memory. A marriage was probably out of the question. However, the girl was a beauty, and this meeting was at the least worth the trouble. So he donned his coat and hat, and swaggered out of the theatre.

He had no sooner turned from the alley upon which the stage door opened, than Yorick, unnoticed, darted out in pursuit.

Ten minutes' walking brought the leading juvenile near the spot where he was to be awaited by the girl in the cab. Yorick, whose only means of ascertaining the place of meeting was to follow Bridges, kept as near the young actor as w

huskily,—
"Mr. Bridges couldn't come. Here's a note."
Then he slammed the cab-door, and called out, in a

Then he slammed the cab-door, and called out, in a commanding tone.

"Drive on there! Quick!"

The cabman, who had evidently received directions in advance from the girl, jerked his reins, and the cab moved forward, turned, and rattled away, the horses at a brisk trot. Yorick speedily left the scene. At the next corner he met a policeman to whom he said,—

"There's a man lying on the sidewalk back there by the church. I don't know whether he's drunk or not."

He was off before the officer could detain him.

Bridges spent the night in a station-house, recovering from the effects of a fall which the police attributed to drunkenness. Assuming that he had received his blows from some masculine relative or admirer of the girl, he gave a false account of his bruises when, the next day, he asked the manager for a few nights of rest, and enabled his understudy to obtain a chance long coveted.

nights of rest, and enabled his diddristady occled.

In Cong coveted.

The leading juvenile manifestly thought best not to attempt a renewal of a flirtation with a young woman who had so formidable a protector; and the girl herself, whatever became of her, addressed him no more epistles of adoration or of any

sort whatever.

Yorick got from the stage manager permission to change his dressing-room. Thereafter he and Bridges maintained a mutual coolness, until one day the leading juvenile, warmed by cocktails, melted, and addressed the old man familiarly by

his nickname.

"Old fellow," said Bridges, over a cafe table, "when I come to play Hamlet. I'll send for you to act poor Yorick. You'd do it well. You're always best, you know, in parts that don't require you to come on the stage at all."

don't require you to come on the stage at all."

The old man smiled grimly and then shrugged his shoulders at this pleasantry. When he died the other day he left a curious will, in which, after naming several insignificant legacies, he bequeathed his skull "to a so-called actor, one Charles Bridges, to be used by him in the grave-yard scene, when he shall have become able to play Hamlet, - if the skull be not disintegrated by that time."

MINNIE MAY'S DEPARTMENT.

MY DEAR NIECES :-

Instead of watching each green and flowery object day by day, as it buds and blossoms, we now see only the traces of slow and sure decay—the green fading bit by bit, until the leaves become like skeleton wings of an insect, the wind blowing through those places which were before marked with crimson and gold. The sun himself seems growing older; he rises later from his couch in the morning, and returns to rest earlier in the evening, and seems not to have that strength which he possessed when he rose in the youthful vigor of spring and the bright and cheerful manhood of summer, for his golden eyes seem clouded, and his breath thick and heavy, as he struggles through the surrounding fog. All these are marks of the seasons, telling us that the year is growing gray, and slowly tottering towards the darkness and silence of winter. A moral character, says Chateaubrand, is attached to autumnal scenes—the leaves falling like our years, the flowers fading like our hours, the clouds fleeing like our illusions, the light diminishing like our intelligence, the sun growing colder like our affections, the rivers becoming frozen like our lives-all bear secret relations to our des-

There is exhibitation in the air, and a new life in the wind that comes careering from the Northwest, bearing frost on its wings, and brightness to the autumn woods. The farmer is early afield, with his cheery call, as he guides his team to the late harvesting. The cornfields display their tentlike rows, with garniture of yellow pumpkins scattered between; and the buckwheat patches, no longer yielding their honied fragrance, are falling before the quick-swinging cradle, and lie like red spots upon the landscape. The orchards are brim-

burrs are showering down their treasures in the woods. Plenty reigns, and the fulness of the year has put its stamp of gladness upon all. The short, bright October days are closed in by the long evenings, and in order that these also may be bright some care and attention are required.

The dullness of life in the country is one of the complaints oftenest heard from the young people, but that is not the fault of the country; it is our own. Too little attention is paid to our social life, or rather the requirements of it. Social gatherings are not frequent enough among us, where we are sur-rounded with all the requisites of such recreation. Who has not been at a Hallowe'en party, where the old farmhouse blazed with light from all the windows, the huge bush-log crackled and furnished the coals to try our fate with chestnuts, melted lead, and such innocent fun? Its Hallowe'en supper is a treat long to be remembered. The lanterns which lighted the table were made from pumpkins, and a most uninviting face was carved on three sides. The cake which graced the centre held a magic ring; whoever was the lucky finder was to be married within the And the piece of money betok-

ened riches; the thimble a fate to be dreaded, spirit they diffuse about them. A cheerful face is a state of mad drunkenness over these fires, so that for the girl who got that would be a seamstress; and the bean betokened an old bachelor. The old house resounded with merry laughter and dancing feet. These merry meetings cost little, and long remain a bright spot in the memory of the partici-MINNIE MAY.

Candy for Hallowe'en.

Put one quart of brown sugar and one pint of water, a tablespoon of butter, two of vinegar into a saucepan; stir until it boils; let it boil without stirring until a drop will harden in water. Pour it on a buttered dish or pan, and when cool enough to handle pull until it gets too stiff. ('lip in pieces with a strong pair of scissors.

LEMON CANDY.

Put one pint of white sugar into a pan with one half pint of water; stir until the sugar begins to grain, which may be known by dropping in water. Add the strained juice of two lemons and pour on a buttered dish.

PEANUT CANDY.

Peanut candy is always a favorite with grown persons as well as children. Put one pint of water into a saucepan with one quart of sugar; boil for half-an-hour. Add the insides of one quart of peauuts divested of their brown husks; stir for a minute and cool in shallow pans. When cold saw into small dice or oblong pieces.

ALMOND CANDY.

Put one quart of sugar in a pan, when it browns add half-a-pound of almonds, which should be quite hot; stir until all is mixed and beginning to boil again, and turn into a buttered pan. Saw it into last; and as that did not being them to their

Popping Corn.

Upon two comely figures the glow of the firelight falls, While their strange distorted shadows dance about them on A happy youth and maiden, from whose minds all care is

Are before the glowing fireplace, deep intent on poping corn. O'er the coals between the andirons the caged kernels move, And their sudden burst of whiteness seems a symbol of a love Which the happy youth and maiden have borne for many a

day, And as hourly it grows stronger, soon 'twill sweep all bars

The clock ticks off the moments and the time fast forward slips, Yet the words he longs to utter still are lingering on his lips; On his face another radiance than the firelight's seems to

And as if to hide his feelings, he more quickly pops the corn.

The maiden sits in silence, but with wisdom of her kind Seems to know the thoughts now rising in her dear companion's mind;
And when down from out the popper the hot, white kernels And he turns his bright face to her, then she asks, "And is

Their eyes meet; the words are spoken-the story sweet and Which so long he has been learning, now with tenderest grace

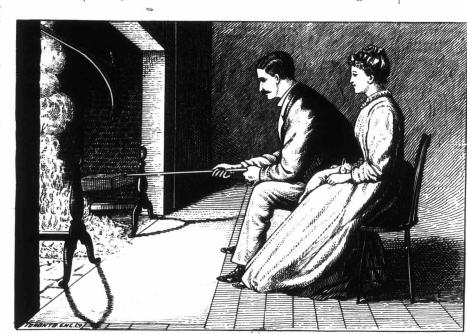
Which so long he has somy is told, is told,
And at once beside the fireplace, the happy love is born,
And forgotten is the world outside, amid thoughts of Popping

John S. Barrows.

Cheerfulness.

"The mind that looks on things aright Sees through the clouds the deep blue light.'

Cheerfulness is a charm given us to make us permanently contented and happy. Long-faced, sanctimonious people are generally avoided, and justly so, for who wishes to partake of their malady? Those accustomed to look upon the ming with rosy and golden fruit, and the chestnut sunny side of life are ever courted for the genial remnant left of its ever having been one belonging



POPPING CORN.

as beneficial as sunshiny weather. The sour person is never satisfied with being sour themselves, but seek to spread discomfort to all around them, and he is sour from the rising up of the sun until the going down of the same. When he awakens in the morning he grumbles because it is time to get up, when he gets out he grumbles at the weather, and he is never at a loss for something to grumble about when he returns home. The laughing philosopher is just the reverse they enjoy everything as they go along, and turn every little mistake into fun as it occurs through life's pilgrimage, and they always appear ten years younger than they really are. "They pass best over the world who trip over it quickly, for it is a bog if we stop we sink," says Queen Elizabeth.

"And for ever and age we'll the grand secret prize, That unless we are merry we cannot be wise

This is the style of a country parson of the last century. After the service is read, he begins: " oublish the banns of marriage between Cornelius Hale, bachelor, and Tamzin Craddock, spinster, both of this parish. If any of you know cause or just impediment why these two simpletons should not be joined together in wedlock, ye are to declare This is the second time of asking, and I hope, before the third, seeing that Tamzin is in my own service, and well off, and Cornelius can't keep himself sober, let alone a wife, they'll have got into a more reasonable state of mind. There'll be no sermon to-day, because I had to sit up all night with my cow that is sick, and I can't afford to lose her these hard times. But it doesn't matter, for I've not seen one bit of imprevement in the parish (especially among the farmers) since my senses, I don't know what will.

Our Irish Letter.

DEAR CANADIAN SISTERS AND BROTHERS:

We are in almost a state of panic in Dublin and all its neighborhoods, regarding the great drought and the probable approach of cholera. It is always at the last moment that we thriftless Irish feel our needs. However, as a rule, when we do, we set about satisfying them, which setting about has resulted in the decision that if rain is not forthcoming before the 18th of this month, water is to be brought down from the County Kildare, a bed of filtering material prepared, and it will flow more abundantly through the canals which run in different directions through the city. Springs of water also are plentiful in Wicklow. They will all be utilized for this purpose, and will cause a great amount of work to fall into the hands of countless men who during this drought have been lying idle and aimless. It is a serious season in which to feel the want of water. Cholera is so near to us, one approaches writing of this dread disease with awe. A poor woman, a cleaner-up in the House of Commons, died after a few hours illness yesterday. It is supposed to have been the first case in London. A cloud scarcely bigger than a man's hand made its appearance on the horizon yesterday. It caused quite a sensation. We each and all hoped it would increase, which it did, but bye-and-bye sailed past us, not having left behind one single drop of rain. To-day seems drier than ever. I walked out this morning to visit a very curious place-it is an enclosure, a gate here and a gate there, leading one to suppose it "had been" a park-but the only

to a house or castle are two long walls joined at one end by an arch. In these walls are niches. The ruin has been of such long standing that no one seems to know anything about it. If it was a house it must have been an immense one. Is it not strange that no one can tell what it was, or who it belonged to? But it is one of Ireland's antiquarian curiosities, so I tell you of it. Trees are now growing inside its ruined walls. Another land mark which I saw lately was a cairn of stones on one of our beautiful "Three Rock Mountains." These stones mark a club, which the members of, in long years gone bye, named "The Hell Fire Club." Does not even the name make one creep? But I must tell "the name," if I tell its history. A number of men formed themselves into a club, to which they gave this shocking name. Their custom was to go up to it, light most tremendous fires, shut the doors and windows, and sit there all night drink. ing whisky, drinking themselves into

they should have a foretaste of the future they had allotted for themselves. One night (so the story goes) they left in a body to catch up their boat and go home-nothing more was ever heard of them; the boat was found drifting days afterwards empty, and so they went "home." It is a weird story, but

I believe perfectly true. I do not wish to encroach on English news, as I daresay your edition has an English correspondent; but one must talk of the colliers' strike, which threatens to assume such proportions that we find it already telling upon us. Coal has gone up like a rocket. I think a collier's life a particularly hard one, and I also think they could scarcely be paid well enough, so I trust things may end well for them. But while they wait, what must their unfortunate wives and children not suffer? The few shillings advance in price of coal per ton is so little to us, comparing it with the greatness of their sufferings. Before I end my letter I must tell you of such an amusing cartoon which has just been given me with "The Warder," a very influential Frish paper. There is a very high wall; Mr. Gladstone fiercely peering over it; shirt collars as usual well to the front, and on the ground lies "Pat," wounded and body-sore; shillelagh in the distance. Round poor Pat there is bound several coils of rope. fastening raggedy-looking sheets of paper to his bruised body, on which are written "Home Rule Bill," and underneath the cartoon there is parodied the well-known "Humpty Dumpty." It is so funny I wish I could send it to you all, but wishes are futile. Good-bye.

Ever your sincere friend,

SUSAN M. STUDDART-KENNEDY,

Fa ther away coast know lake, the e

MY

has

wor

betv

awa

ing

diffie

rays fowl panse subtle mysti On cipito their the a down plung water gentl

> freedo the be know like : scene the de light. tain t shriel billow screar

forest

less li

fearfi groam now t A fai Then, and 1 hurls

UNCLE TOM'S DEPARTMENT.

MY DEAR NIECES AND NEPHEWS:

The response to my call for "Word Pictures" has pleased me very much, as all those sent in are worthy of praise. So difficult has it been to judge between them that I have decided this time to award three prizes of \$1.00 each, instead of following the offer in previous issue; and in future will give two prizes of \$1.00 each, as lack of space will not admit of more than two pictures. I would like portraits for next month, but if you think them too difficult, choose any subject you prefer, but send in your work before the 20th of November.

UNCLE TOM.

UNCLE TOM'S PICTURE GALLERY.

A Canadian Autumn Day.

BY ADA ARMAND, PAKENHAM, ONT.

They sing of beauty afar who roam, But our beloved Canadian home Holds more of beauty unto mine eyes Than Italy's far-famed sunny skies.

An artist's brush might dare portray
This beautiful October day.
I, tho'unworthy, shall strive to paint
The picture in words, but ah! how faint!
To depict this bright ethereal dream
My feeble words, how weak they seem!

At dawn the radiant evening Queen, Arrayed in her robes of silvery sheen, Smiles a soft farewell, as she sinks to rest Where the fleecy clouds form a downy nest.

In the east gleams a halo of mellow light, As the beautiful Day-King bursts in sight, And smiles on the teardrops night has left, Till earth of her diamonds is all bereft; Then upward and onward he wends his way

Warming the heart of his fair bride, day, With his warm caresses. The wooded land Shows touch of a master-painter's hand; And russet and gold, and brown and green,

And russet and gold, and brown and green, With many a tinge of crimson sheen, In purest harmony softly blend, Till the scene our fondest hopes transcends.

The hill-tops so oft by the cloudlets kissed Have stolen a wreath of their azure mist; While greeting our eyes as they southward roam Is the neighboring church's glittering dome.

Now from the tower the bell's soft tone

Proclaims that noon-tide has long since flown; And we westward turn, where, his course near run, But glorious yet, reigns the monarch sun. And the songs of his praise that we cannot hush

And the songs of his praise that we cannot hush Now bring to his face a rosy blush, Which reflects on hill-top and vale and tree, Making a vision most fair to see.

The gates of evening now open wide, And through their portals he swift doth glide. And while we gaze on his dying splendour, All nature is wrapped in the gloaming tender, And filled with peace by this perfect day, Night drops her curtain—we steal away.

An Unknown Grave.

BY FOSTER CARTER, WHONNOCK P. O., B. C.

Far from the scream of the iron horse, and farther still from the haunts of civilization, hidden away in the mountainous interior of the southern coast range of British Columbia, lies, almost unknown to mankind, a beautiful crescent-shaped lake, surrounded by lofty peaks that mark the spot of a lonely grave.

Here, on a summer's day the scenery is grand in the extreme. The sun pours down his brilliant rays from out a cloudless sky. Flocks of wild fowl besport themselves on the wide, gleaming expanse of water, which here and there the soft, subtle chinook fans into tiny ripples that lap in mystic rhythm the rocks of its iron-bound coast.

On the west shore of the lake rise, black precipitous cliffs, which as they ascend recede until their tops, aye, and half of them, are hoary with the accumulated snows of years gone by, and down whose mural declivities foaming cataracts plunge for hundreds of feet into the deep blue waters beneath.

On the east the mountain ranges that slope gently down to the water's edge are clothed with the green growth of giant cedar and hemlock forests, among whose pathless wastes the maneless lion and big-horn sheep find as yet a home of freedom

freedom.

To the north can be seen, in striking contrast to the beetling cliffs on the left and the sloping mountains on the right, a flat tract of country, the unknown valley of a mighty torrent, which twines like some gigantic serpent through park-like scenery of alder groves and sandy reaches where the deer and bear are wont to roam in broad day-light.

But when the storm cloud lowers and the mountain tops are hid from view, when the north wind shrieks down those awful gorges and the angry billows dash on its rock-bound coast, when the scream of the wild fowl is lost 'mid the roar of that fearful gale: then, look! far out on those dark, groaning waters is an Indian skiff, tempest-tossed, now up in the air, now down in the depths below. A faint form struggles hard, just for a moment. Then, the waves roar, and the wind shrieks on, and by and by a billow, larger than its brothers, hurls in its mad fury something against those crael rocks. What is it? The waves leap on, the storm cloud lowers and the wind screams still, over the lonely grave of an unknown pioneer.

A Picture on Memory's Curtain.

BY A. B. PICKETT, ANDOVER, VICTORIA CO., N. B. In the dim distance, which becomes hazy as it stretches away to the hours of childhood, a vision rises, clear, defined, distinct-different from the fitful glimpses of the many scenes which dot my memory's pictured screen. How many little events crowd together in the rush of recollection, centred around that bright spot back in the days of old when youth seemed so slow, but now appears to have gone like a flash on the expanse of heaven, leaving behind only a glow to mark its passage. And now there crowds up the scene of the old home. A river, gleaming past among the birch and cedar trees, reflects the rush of bright moonlight which pours down from over the hills. On this side the beams in their glory show an undulating meadow, stretching back from the fringe of trees to another hill which rises up until over the top the eye can see only the star-lit sky in its sombre beauty. On the edge of the wood covering part of this hill a brook babbles down its stony path, hollowing out its miniature gorge, age after age, with tireless energy. Down it falls, the arching trees meet overhead and shut out the prying beams. In those shadowy recesses how many times I have lingered, protected from the heat of a summer's day, and cooled by the draughts of air which sweep up its tortuous avenue, laden from the hay fields with the scent of flowers. The mossgrown wooden spouts lead the sparkling water into the pool which has refreshed the thirsty who come to drink its cool contents. Often have I climbed the hill at its steepest part, and rolled stones down into the splashing depths, and from that same fircrowned hill what a vision of river and valley do I see!

Winding to this side and to that, with fields reaching down to the water, and again with steep banks rising up, it stretches on like a beautiful ribbon, until another turn hides it from our sight, and a low mountain, nearly as blue as the sky itself, miles and miles away, shuts out the view of farm and forest.

As in fancy I climb the hill still higher and gaze again, other spots I see which I have clambered over in past times.

And now I wander down the hill by the brook's side, until, where it enters the meadow, a grove of butternut trees spread about; beneath the arching trees a bridge spans the water where the lane comes in from the river road. The butternuts are falling with a quick thud, as the wind brushes the branches about, and squirrels when the dawn breaks will lay in harvest against the winter. The yellow moonbeams, dancing to the wind's music with the black shadows, ever and anon retreat to the shelter of a passing cloud, and the shadows alone sweep over the fields.

The brook sinks into the soil as we advance, and the meadow is left unbroken in front of the house.

Home again! Back to the old home where the years flew in their joys and sorrows over my child-hood's hours!

Can memory forget the worn-out threshold, the weather-stained door, and the tiny paned windows? Can the sight of these not bring again before me those with whom I passed the years, gone forever in the mists of time? The father and mother who strove for the best, one of whom has reached the end of life's stony path, the other still assisting with her help and love others to clamber on, and the other companions of youth crowd forward through the mind.

But the rooms are empty; all that answers is but an echo, for another and newer home stands but a short distance away. The old house is forsaken, its duty has been done.

Change and decay are monarchs at last. From the house a road winds along the hill, until it reaches and enters another wood. On one side the forest of trees climbs upward above us, on the other the flat stretches away to the river. Beneath small culverts and bridges a dozen brooklets and streams pour down the slope. Music of trickling and running water is never absent as we pass along, and the huge evergreens above sough in the winds and tower glocmily over the moon-lit pond, which, beside the road at the foot of the hill, shines and glitters among tamaracks and alders.

Now the road has wandered away from the old homestead, and loth to leave also, by fancy's magical aid I am carried back to other haunts, to the road leading away over the hills through the fields to spots and to places not forgotten, until at last the dawn breaks and piles a mass of rosy clouds upon the horizon. Then of a sudden the vision fades and is gone. Realities of life alone remain.

Puzzles.

To ADA SMITHSON.

1-DECAPITATION.

Dear Cousin, I read your puzzle, I was delighted with its words, Its FIRST was smooth and musical, And as delightful as the birds.

To you all the great fame is due,
Not a mite belongs to me;
And if you doubt my word in the least,
Wait till the end of the year and see.

I am sorry to be late for the Photo Group, And sorry your pleasure to betray; But I believe if the truth were told, My face is far better away.

Persevere and succeed, is my motto; And I always mean it to be; It should be the motto of every LAST; So now good bye to thee.

THOS, W. BANKS.

2 - SQUARE WORD,
Kind friends, this evening we greet you,
As we raise the "emblem of peace,"
In the shadows of "the moonlight,"
"To have effect "or cease.

"To have effect" or cease.

We've brought along some "seaweed—
Though incinerated" it may be,
"Twill stand" upright, unshaken,"
We present it now to thee.

FAIR BROTHER.

3—TRANSPOSITION.

My whole's a word of letters four, I am "a mimic," nothing more,

I am "a mimic," nothing more, Transpose and then "I'll cut or shave," "Tis natural for this little knave.

Again transpose, Lo! and behold! You surely will "a plant" unfold.

You surely will "a plant" unfold.

Once more transpose, now mind your eye,
For I am sure "a fruit" you'll spy;

And yet again, transpose so neatly, I'll "garner in" the whole completely.

4 - DECAPITATION.

Dear cousin Ed., it grieves me much To hear you thus complain Of tardy correspondents; sure I'm loth to give you pain.

But "rolling stones," dear cousin, Are very hard to trace, Especially when, like some we know, They go at such a pace.

A letter long ago I'd 've sent, Did I but know th' address; A missive sent just to "St. Paul" Would 'most get lost, I guess.

So when again you write the 'dom, Your quill do not let slumber, Until unto your name you add Your street and also number.

Your puzzles with pleasure I always one, Whenever I Two I'll send some; Now kindly think of the wish I send, And be not angry at THREE old friend.

Answers to 15th September Puzzles.

1-Written. 2-Pleasure. 3-S A I N T A R M O R 5-Came, mace, acme. I M B U E 6-In-cur-red. N O U N S

Names of Those Who Have Sent Correct Answers to September 15th Puzzles.

Henry Reeve, Josie Sheehan, I. Irving Devitt, Morley Smithson, Joshua Umbach, Addison and Oliver Snider, Geo. W. Blyth, Thos. W. Banks, A. R.Borrowman, Frank Grayson, Minnie Moore, Geo. Rogers.

A Sermon in Rhyme.

If you have a friend worth loving,
Love him. Yes, and let him know
That you love him, ere life's evening
Tinge his brow with sunset glow.
Why should good words ne'er be said
Of a friend till he is dead?

If you hear a song that thrills you, Sung by any child of song. Praise it. Do not let the singer Wait deserved praises long. Why should one who thrills your heart Lack the joy you may impart?

If you hear a prayer that moves you
By its humble, pleading tone,
Join it. Do not let the seeker
Bow before his God alone.
Why should not your brother share
The strength of "two or three" in prayer

If you see the hot tears falling From a brother's weeping eyes, Share them, and by kindly sharing Own you kinship with the skies, Why should anyone be glad When a brother's heart is sad!

If a silvery laugh goes rippling
Through the sunshine on his face,
Share it. 'Tis the wise man's saying—
For both grief and joy a place.
There's health and goodness in the mirth
In which an honest laugh has birth.

If your work is made more easy
By a friendly, helping hand,
Say so—Speak out brave and truly,
Ere the darkness veil the land.
Should a brother workman dear
Falter for a word of cheer!

Scatter thus your seeds of kindness
All enriching as you go;
Leave them. Trust the Harvest Giver,
He will make each seed to grow.
So until the happy end.
Your life shall never lack a friend.

– Exchange

SHOPPING BY MAIL

Did you ever buy your goods in that way? Perhaps not. Then begin at once by sending to us for our Shoppers' Guide. This is a 64-page price book, frequently illustrated, containing the prices of over five thousand different articles. We are a wholesale firm, selling direct to any consumer who has the ready cash-Our Shoppers' Guide is free, and we will be pleased to send it to you. It explains very carefully our mode of doing business. It is addressed especially to farmers, but is free to all who ask

Guns .- Our Double Barrel No. 12 Breech Loading Shot Gun, which we offer at only \$12.50 each, is an excellent gun. We claim that this gun would cost at least \$5.00 more if it were bought in any ordinary retail store. The differ ence just represents the retailer's profit. You may save that by sending direct to the wholesale house.

cross-Cut Saws.-The improved "Stanley Blade" is again on the market. This is an excellent warranted lance-tooth saw of great superiority. The price is fifty cents per foot, and handles twenty-five cents per pair extra. We have Saw-Sets of all kinds, Drag-Tooth Gauges and Saw Files. Our catalogue

explains all. Our Terms are cash with the order every time. We sell our goods at such close margins that we must have the money with the order or we cannot accept it. We pay freight on all orders \$10 and upwards to all Ontario stations, and allow a liberal discount upon all \$10 orders which come from the other provinces Write for free catalogue.

STANLEY MILLS & CO.,

WHOLESALE MERCHANTS,

Hamilton, 336-y-om Ont

AUTUMN PREMIUMS

BULBS!BULBS!BULBS!

:: FOR FALL PLANTING. ::

0-0-0-0-0 BEAUTIFY THE HOME IN WINTER and the Garden in Early Spring.

0-0-0-0-0

Offer No. 1—For ONE new yearly subscriber to the FARMER'S ADVOCATE, at \$1.00, we will send 2 Single and 2 Double Hyacinth bulbs.

Offer No. 2-For TWO new subscribers (\$2), we will send:

4 Hyacinths, Double and Single, Mixed.
4 Tulips, Duc Van Tholl, mixed.
6 Crocus, choice mixed. 3 Snowdrops, double.
2 Freesias.
1 Bermuda or True Easter Lily.

Offer No. 3—For THREE new subscribers (\$3), we will send the "Beautiful" Collection of Hyacinths, for pot culture:

AMY, very dark red. Norma, pale waxy pink.
GRANDEUR A MERVILLE, beautiful blush.
LA PUCELLE D'ORLEANS, pure white.
CHARLES DICKENS, porcelain blue.
UNCLE TOM, blackish-purplish.
ALIDA JACOBEA, clear yellow.
Double United Double Varieties.

BOQUET TENDRE, fine crimson.
PRINCE OF ORANGE, pink, carmine striped.
La DEESE, pure white, yellow centre.
PRINCE OF WATERLOO, pure white, rose centre.
BRIDE OF WATERLOO, pure white, rose centre. BRIDE OF LAMMERMOOR, fine lilac. GARRICK, dark lavender.

Offer No. 4 -For FOUR new subscribers (\$4), we will send:

12 HYACINTHS, Double and Single, named.

12 HYACINTHS, Double and Single, nam
15 TULHS, Double and Single, mixed.
18 Crocus, mixed colors.
28 SNOWDROPS, Single and Double.
3 GRAPE HYACINTHS, assorted colors.
3 NARCISSUS, assorted.
3 JONQUILS, Single or Double.
1 LIGHT AURATUM.
6 LIGHT OF THE VALLEY, pips.
1 CROWN IMPERIAL.
3 ANEMONES, Double, mixed.

THOSE SUBSCRIBING NOW will receive the Advocate till the END OF 1894 FOR \$1.00

GREAT SALE

SHORTHORN CATTLE

Bow Park Herd, to take place on WED-NESDAY, OCTOBER 25th, 1893, at

Bow Park, Brantford, Ontario,

When 50 head will be offered without reserve When 50 head will be offered without reserve.

The inspingalled success of this herd, and high exactly use of the breeding of the animals it contains, make this one of the most attractive seles of lide years. Catalogues furnished on application of Brow Park, or the Globe office.

ADVERTISE IN THE ADVOCATE

ADMINISTRATRIX SALE BY AUCTION

STOCK FARM & PURE-BRED STOCK

ON NOVEMBER 1st, 1893,

Comprising Pure-bred Cotswold Sheep, Clydesdale and Standard-bred Mares.

20 Cotswold Ewes and 14 Lambs (all registered). 20 Cotswold Ewes and 14 Lambs (all registered), one imported standard-bred Mare, and two of her colts by Sardine (8004), one registered Clydesdale Mare with foal by her side (both mares in foal); also a number of good carriage and first-class farm horses. Farm consists of 150 acres, well-fenced and tile-drained, with good buildings, situated ten miles south of London and one mile from Glanworth Station. Address,

MISS ISABELLA GLENN,

THERE WILL BE HELD ON THE ROSS SIDE STOCK FARM, CEORCETOWN, ONT.,



A CREDIT SALE OF 26 Head of Thoroughbred Holstein-Friesian-Cattle, on Nov. 10, '93. Also a number of first-class Roadster Horses, including one Brood Mare, Lady St. George, record 2:37. Twelve months' credit will be given. Parties coming by train will be met at Georgetown with be met at Georgetown with conveyance, H.L.ROSS, Prop. Georgetown, Ont. 339-f-om

D. & O. SORBY, GUELPH, ONTARIO,

BREEDERS AND IMPORTERS OF -FASHIONABLY BRED CLYDESDALES



We always have on hand bred Clydes dales (male & female) of good breed-ing & quali-ty, which we will sell at

IS AT THE HEAD OF OUR STUD. horses and ing. Come and see us or write for particulars. 330-2-y-om

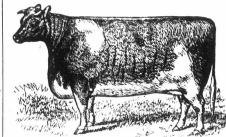


Importer & Breeder of Yorkshire Coachers, French Coachers, Glydesdales, Shetlands and Ayrshire Cattle Prices to suit the Fimes. Robert Ness, Woodside Farm, Howsick P.O., P.Q. 329-y-om

Deep Milking Shorthorns

MR. GRAINGER, Londesboro, Ont., offers for sale some exceedingly good cows and heifers. (Fair Maid of Hullett 2nd, now at test at Chicago, is only a fair specimen.) Dams made thirty pounds of butter in seven days. Come and see them; they are good ones. 338-2-y-om

New Importation! ARTHUR JOHNSTON, Greenwood, Ont.



Reports his recently imported Cruickshank-bred safely at home,—seven young bulls and six females, all of which will be sold at moderate six remaies, and which win be sold at noderate prices. I have also exceedingly good young bulls and heifers of my own breeding for sale. Send for Catalogue. Greenwood P.O. and Telegraph Office, Claremont Station on the C. P. R., or Pickering Station on the G. T. R. Parties met at either station on shortest notice. Come and see my cattle.

332-2-y-om see my cattle.

SCOTCH-BRED SHORTHORN BULLS

Scotch-Bred Heifers, Imported Shrop-shire Rams, Imported Ewes, Home-bred Rams, Home-bred Ewes. FOR SALE!

In any number. All of very best quality, and at the lowest prices. We want remobes a for remobes

ranches.
Correspondence

John Miller & Sons

SCOTCH-BRED SHORTHORNS FOR SALE

6 Choice Young Bulls And the Imported Cruickshank Bull

ABERDEEN HERO, Their sire. Also some nice Young Heifers, 🖟 From one year old up.
Prices to suit times.

SHORE BROS., White Oak. 322-2-y-om

Shorthorns, Coach Horses and Berkshires. Our bond in shires. Our herd is headed by Daisy Chief=13674=, he by the famous Indian Chief=11108=, and was highly successful in the various Western Ontario fairs of the past season. A few choice young Bulls and Heifers for sale. Also registered Berkshires and a few extra choice Cleveland Bay mares and fillies, the get of Disraeli, Dalesman, etc. Write for prices, or come and see us. A. J. C. SHAW & SONS, Camden View Farm, Thamesville.

H. CARGILL & SON, Cargill, Ont. SHORTHORNS.

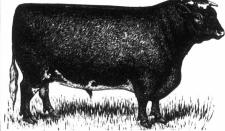
Two imported bulls are now at the head of our herd. Stock of of our herd. Stock of both sexes and dif-ferent ages from the best imported and home-bred cows now for sale. 335-tf-om



SHORTHORNS, BERKSHIRES,

Shropshires, Plymouth Rocks & Bronze Turk eys. Write me for prices on the above. I have a grand litter of Berkshire Pigs now ready for sale. H. CHISHOLM, Montrose Farm, Paris, Ont.

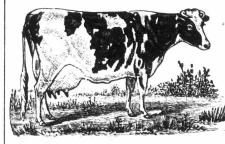
GREENHOUSE -:- SHORTHORNS



SHROPSHIRES and SUFFOLK SHEEP. New importation arrived, consisting of ewes and rams, all ages, for sale. - W. B. COCKBURN, ABERFOYLE, ONT. Corwin, C.P.R., 7 miles from Guelph. 320-2-j-om

THE GREAT MILK AND BUTTER HERD OF HOLSTEIN-FRIESIANS.

SMITH BROS., Credit Valley Stock Farm, CHURCHVILLE, PEEL COUNTY, ONT.,



This is the place to get stock of best quality at reasonable prices. We have seventy-five head, including prize-takers; best strains, cows and heifers, with large milk and butter records young bulls of superior quality.

Soul for extalagments. 332-2-x-om 332-2-y-om

Holstein-Friesians.

atalogue. New Dundee P.O., Ontario. A. C. HALLMAN & CO.



HOLSTEIN-FRIESIAN CATTLE

Netherland, Aagie and Atris blood, along ith others all of the best strains of producing Netherland, Augic and Airis blood, along with others all of the best strains of producing blood. Write for particulars, Young Bulls and Heifers of the above tribts on hand. A grandson of Netherland Prince now for sale. G. W. CLEMONS,

St. George, Ont.



The World's Fair Exposition.

The World's Fair Exposition will be officially closed October 31st, but the gates will remain open for some time longer, as the actual demo-lition will not begin immediately, and much will still remain to be seen.

The quantity of Ontario fruit arriving every day is almost overwhelming, and nothing but sheer lack of room prevents the Commissioner making a display which would fairly paralyze all other exhibitors. Among the notable features of the fruit exhibit is a sample of the Princess Louise or Wolverton Apple, a seedling grown by Mr. L. Wolverton, of Grimsby, the energetic Superintendent of the Pomological Department for the Dominion. Its large size, excellent color and fine flavor have been specially noted by the jurors. Another novelty was a basket of sweet potatoes from Brantford, the equal in size and quality of any from the Southern States. What with lemons and oranges, figs and sweet potatoes, all of which have appeared in their season on our tables, there is no telling what Ontario may do in the near future. The quantity of Ontario fruit arriving every in the near future.

in the near future.

Quite a large party of interested spectators witnessed the boring of the big cheese by Prof. Robertson, on Friday morning. A trier thirty-three inches long was bored into the mammoth, and the plug inspected by the judges of the regular exhibit - Messrs. A. F. Maclaren. of Windsor; G. E. PerLee, of New York, and A. H. Barber, of Chicago. The same scale was applied to the big cheese as to the smaller ones in the dairy barns, and it was rated at ninety-five points out of a possible one hundred. Mr. PerLee said he considered the cheese a great piece of work and a credit to the maker. The flavor, texture, &c., were very remarkable for the length of time made. The big cheese, as most people will remember, was made by Mr. J. A. Ruddiek, at Perth, Ont., in September, 1892.

1892.

The stock barns, which have resounded to a medley of sounds for the past two months, are now in possession, for the most part, of fowls of high and low degree. The Ontario contingent, consisting of nearly 1,200 birds in seven cars, arrived to-day in charge of Mr. Henry Wade, and are now installed in their eages, to await the decision of the judges, who will begin work on Monday. The Ontario fowls will make up nearly half of the entire exhibit, and good measure of success for our breeders. The poultry department is under the charge of Mr. Allen Bogue, of London. Mr. Allen Bogue, of London.

Four car loads of thoroughbred and trotting horses, fat cattle and sheep, have also arrived, and will appear in their several rings next week, and give a good account of themselves no death.

doubt.

The swine classes were judged towards the end of the week. The only classes in which Ontario breeders were represented were Suffolks, Improved Yorkshires and Tamworths. In the former class one animal owned by Mr. Joseph Featherstone, of Springfield-on-the-Credit, was a first prize winner, while in the Yorkshires that gentleman and Mr. J. E. Brethour, Burford, had the field pretty much to themselves. In the Tamworth classes Messrs, John Bell, of Amber, and James Calvert, of Thedford, took the lion's share of the prizes.

The sheep and swine were all shipped home The sheep and swine were all shipped home this week, except such as were sold—and these were pretty numerous, by the way a good many orders being also booked for delivery from home. Sales were made by D. A. Campbell, Gibson and Walker, Wm. Walker, W. H. Beattie, John McGillivray, J. G. Snell & Bro., Jas. Snell, Wm. Oliver, John Jackson & Son, Peter Arkell, R. Miller and D. J. Jackson.

POULTRY FOOD

ECC PRODUCER, CROUND BEEF SCRAPS, CRANU-- LATED BONE, ANIMAL MEAL, BONE -- - FLOUR, OYSTER SHELLS. - -

SEND FOR PRICES TO W. A. FREEMAN, HAMILTON, ONT.



Champion Dairy Herd of Ayrshires at various government tests. Prize winners at the World's Columbian Exposition, Chicago. Write R. ROBERTSON, Howick, Que. 343-y-om

PRIZE-WINNING AYRSHIRES FOR SALE



show herds in Canada. They are finely bred and of great individual merit. Bulls, heifer and cows always on hand for sale; also a few good Leicester sheep. Correspondence solicited. Visions welcome. Address

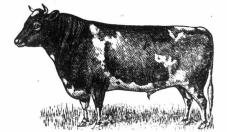
Sydenham Farm, Oshawa, Ont

ADVERTISE

FARMER'S ADVOCATE

312-

DOMINION PRIZE HERD OF AYRSHIRES



We have the oldest established, largest and best herd of Ayrshires in Canada. Choice young stock for sale at liberal prices. Satisfaction guaranteed. JAMES DRUMMOND & SONS, Petite Cote, Montreal, P.Q. 332-2-y-om

THE MAPLE CLIFF STOCK FARM.

Breeders of AYKSHIRE CATTLE. A grand litter of young BERKSHIRE PIGS for sale. R. REID & CO., Hintonburg, Ont. mile from Ottawa. 324-2-y-om



Royal-bred Ayrshires of the deepest milking and prize record strains traceable back and up todate from Scotland's noted breeders. A fuller to date from Scotland's noted orecters. A fuller milking and other records will be furnished by catalogue to those wishing to improve their stock. Limited number of calves for sale after January, 1894. Maple Grove Ayrshire Stock Farm, Lyn, Ont., eight miles from Brockville, Ont., line G. T. R. R. G. S1EACY, Importer and Breeder Ayrshires.

Prize-Winning AYRSHIRES FOR SALE.

I have at present one of the largest and be at herds in Ontario, which has been very successful in the prizering. They are deep milkers and of a large size. Bulls, cows and



JAS. McCORMICK & SON,

ROCKTON, ONT., 344-2-y-om

Ingleside :-: Herefords.

Herd headed by the Medal Bull of Canada, Young Tushingham 2nd (32398). All stock registered and from prize-winners, combining the desirable blood of

HORACE,
ANXIETY,
THE GROVE 3rd,
BREDWARDINE.
Choice young stock of the above strains for IMPORTED CLYDESDALES.

Prince of Wales and Training,
horses and stylish drivers for sale.
Station
two miles, G.T.R.
Ingleside Farm,
COMPTON, Que. Prince of Wales and Darnley strains. Saddle

JERSEYHURST FARM, LOCUST HILL, Ont. ROBERT REESOR, importer and breeder of A. J. C. C. Jerseys of the choicest breeding, with the bull Jay St. Lambert 32813 at the head of the herd. Stock of all ages on hand and for sale.

GLEN ROUGE JERSEYS

W.M. ROLPH, Glen Rouge Farm, Markham, Ont., offers for sale Jerseys of all ages from his famous herd. The world-renowned St. Lambert Hores 343-y-om

ABERDEEN - ANGUS CATTLE.

Prize winners from the World's Fair. Dr. Craik's show herd, now in quarantine at Sarnia, contains animals of all ages, of choicest breeding and individual merit. There are breeding and individual merit. There are Troinn Ericas, Prides of Aberdeen, Blackbirds, Lady Fannys and Kinochtry Favorites. Cataogues and prices from

JAMES KESSACK, or DR. CRAIK, AT QUARANTINE. MONTREAL

GUERNSEYS!

his is the Dairy breed for ordinary farmers, e.e., vigorous and hardy giving plenty of hailk. The bulls stamp these characteristrongly on grades. Imported Bull Beurfit. Morton's famous butter cov Vice-Pres. Morton's famous futter cos-ditrice 4th, heads the herd. A few choice and heifers for sale.

Address: SYDNEY FISHER.

Alva Farm, Knowlton, P.Q.

HROPSHIRES AND SHORTHORNS. orling rams and ewes by imp. Thoma-and lambs by imp. Bradburn ram. Both rams were first prize winners in England Also bulls and heiters of choice

W. G. PETTIT, Freeman P.O., Burlington Stn., G.T.R

GREAT SALE OF ABOUT 100 HORSES CHOICE STOCK AT THE WESTERN FAIR STABLES, LONDON, ONT., ON

TUESDAY AND WEDNESDAY, OCT. 24th and 25th

FALLIONS.—Imported Cleveland Bay Coach Stallion DANDY DICK (809), foaled 1886; bred by J. E. Bedlington Slights, Whitby, Fig.; sired by Newton 216; first dam by Wonderful 359; granddam, Felix 106; registered in Vol. 1V., page 25. Cleveland Ray Stud Book. MIKE SCOTT; race record, 2,231; foaled 1883; by Winnfield Scott, sire of six in 2,30 list; first dam by Royal George, Jr., granddam of Joe L. 2,15 and Reciprocity 2,261. Thoroughbred stallion CORTEZ (Infanta); ch. h., foaled 1886; bred by A. J. Alexander, Woodburn Stud, Kentucky; sired by King Alfonso; first dam, Imported Invercauld, by St. Albans, second dam, Eleanor, by Voltigeur; third dam, Themis, by Touchstone, and so on to 15th dam.

second dam, Eleanor, by Voltigeur; fhird dam, Imported Invereauld, by St. Albans, second dam, Eleanor, by Voltigeur; fhird dam, Themis, by Touchstone, and so on to 15th dam.

THOROUGHBREDS. Maggie Bruce, ch. m.; foaled 1882; by Bill Bruce, by Glen Athol; first dam, Tolima; bred to Cortex. MIDDLEMISS, ch. f.; foaled 1882; by Dandie Dinmont; first dam, Maggie Bruce, by Bill Bruce. Chestnut Filly; foaled 1882; by Cortez; first dam, Maggie Bruce, by Bill Bruce. LADY LUCY, br. m.; foaled 1882; by Imp. Kyrl Daly; first dam, Endeavor, by Inquirer; bred to Cortez. Lor Daly, ch. m.; foaled 1890; by Imp. Newcourt; first dam, Lady Lucy, by Imp. Kyrl Daly. Rosa Daly, bl. f.; foaled 1891; by Kedar Kan; first dam, Lady Lucy, by Imp. Kyrl Daly. Albertra, br. m.; foaled 1881; by Imp. Albert; first dam, Lady Lucy, by Imp. Kyrl Daly. Albertra, br. m.; foaled 1889; by Imp. Albert; first dam, Blanch Chapman, by Rook Mirindi; bred to Cortez. Curtolima, ch. m.; foaled 1882; by Judge Curtis; first dam, Tolima, by Imp. Glen Athol; bred to Dandie Dinmont. Kitestring, bl. m.; foaled 1887; by Imp. Strachino; first dam, Curtolima, by Judge Curtis; Bradino, Cortander, Brown Filly; foaled 1893; by Ranleigh II.; first dam, Curtolima, by Judge Curtis. Cora, b. f.; foaled 1893; by Ranleigh II.; first dam, Curtolima, by Judge Curtis. Cora, b. f.; foaled 1893; by Ranleigh II.; first dam, Tolima, by Judge Curtis. Stratillene, By Cora, b. f.; foaled 1893; by Ranleigh II.; first dam, Strathlene, by Imp. Strachino. Bay Colt; foaled 1893; by Ranleigh II.; first dam, Strathlene, by Imp. Strachino. Bay Colt; foaled 1893; by Ranleigh II.; first dam, Strathlene, by Imp. Strachino. Countess, ch. m.; foaled 1893; by Imp. Newcourt; first dam, Tolima, by Imp. Glen Athol; bred to Cortez.

TROTTING STOCK.—Bolt, chestnut mare; foaled 1871; by Royal Re-

by Imp. Glen Athol; bred to Cortez.

TROTTING STOCK.—Bolt, chestnut mare; foaled 1871; by Royal Revenge; first dam, the dam of Empress, 2.30; bred to Gimerack. Highland: Allie G, bay mare; foaled 1878; sired by Highland; dam, the dam of Empress, 2.30; bred to Catalogue, the son of Nutmont. Allie G, bay mare; foaled 1881; by Albion 15195; first dam, Katie G, by Royal Revenge; bred to Superior. Queeks, chestnut mare, aged; by Toronto Chief, Jr.; she is dam of Andy C, 2.35; trial, 2.26; bred to Gimerack. Abbie S, bay filly; foaled 1890; by Wintield Scott; first dam, Maud Richards, by Albion 15195; bred to Catalogue, son of Nutmont. Allie Edsall, bay mare, five years; by Edsall Star, sire of Silver Star, 2.16; first dam by Highland. Gray Mack, gray gelding, four years; by Winfield Scott; first dam by Albion. Dr. S, bay gelding, four years; by Superior; first dam, Sarah Scott, by Winfield Scott. Gray Bird, gray filly, three years; by Winfield Scott; first dam, Highland Carrie, by Highland. Flash, gray filly, two years; by Winfield Scott; first dam by Middlescot.

TERMS—Cash: but time will be given to responsible parties at seven per cent, per

TERMS—Cash; but time will be given to responsible parties at seven per cent. per annum on giving joint notes for the breeding stock owned by the undersigned.

T. D. HODGENS, London, Ontario.

No postponement on account of bad weather. Catalogues on application. B.—On Wednesday, October 25th, second day of sale, there will also be offered a number of Imported Shropshire Ewes; also this year's lambs and three breeding rams, all of which have registered pedigrees.

NONE BUT THE VERY BEST

This is what we claim and our customers endorse. GUERNSEYS, SHROPSHIRES AND IMPROVED LARGE YORKSHIRES. Seventy-five beautiful ewes in lamb to our imported rams, winners at England's greatest shows. In Yorkshires we imported last year the cream of the English winners at the Royal, the Liverpool and Manchester, and the Royal Cornwal and other large shows, including the first-prize boar at the Royal. Do not forget that like produces like, and send in your orders for young pigs early. Address, J. Y. ORMSBY. Manager Isaleigh Grange Farm, Danville, P.Q. 333-y-om

My whole flock of 60 head of Imported Rams and Ewes, a few home-bred Shearling Rams, and a choice lot of lambs of both sexes. Also a choice lot of young



343-y-om



The demand for high class Shropshires being larger than ever this year, and having reduced my large flock by ecent sales, I am in England now buying ewes that will all be bred before I ship. I hope to arrive home with them

be pleased to hear from parties interested.

W. S. HAWKSHAW, Glanworth Post Office, Ont.,

miles south of London. -

IMPORTED SHROPSHIRES

My stock was selected by myself, and consists of Shearling Ewes and Ewe Lambs from the leading flocks of England, and of the bishest ouglity and highest quality and breeding. Stock of all ages for sale.



C. W. GURNEY. Paris, • Ontario. 327-y-om

SHROPSHIRES.

I fine selection of Shearling Rams and Ewes by Royal Uffing-ton, also Ram and Ewe Lambs from

J. & J. SMITH, Paris, Ont.



SHROPSHIRES - FOR - SALE | THE - GLEN - STOCK - FARM. SHROPSHIRES, AYRSHIRES & LARGE ENGLISH BERKSHIRES

We have a few good Ayrshire bull calves, 150 Shropshires, and also a choice lot of Berkshires, aged from 2 months upwards, for sale at reasonable prices. Visitors welcome. Write to

Whiteside Bros., 333-2-y-om INNERKIP, ONT.



338-2-y-om

SHROPSHIRES. A grand lot of imp.ewesandtheir produce of this and last season. Also choice Chester White Pigs from prize - winning stock of my breeding took all the highest bonors. Orders now booked for fall litters.

W. E. WRICHT. Glanworth, Ont

1881—SHROPSHIRES—1881 My flock is established since 1881. All my ewes are imported and selected in person from the most noted English flocks. A choice lot of shearlings and lambs sired by a Bradburn ram. Write for prices to

JAMES COOPER, Kippen, Ont. 338-2-y-om

Farnham Farm Oxford-Downs

Importations for 1893 arrived Aug. 4, and are a grand lot.
Won at Detroit Internationad, 1892. Mutton prize for the ten best sheep, over all breeds.
Royal winning rams used in flock. Imported and Canadian-breed Rams and Ewes for sale reasonable. Guelph, G. T. R. Telegraph Office, Guelph. 34-2-y-om Arkell, C. P. R.

DORSET HORN AND SHROPSHIRE SHEEP, Jersey and Holstein Cattle, SHETLAND PONIES.

CHESTER PIGS

JOSEPH STRATFORD, G. T. R., Brantford, Ont.

IMPROVED LARGE YORKSHIRE PIGS.

J. E. BRETHOUR, Burford,

LARGEST SHEEP EXPORTER.

1272 PEDIGREE SHEEP, including many Winners of all breeds, landed at Quebec without loss, July 26th, 92, by

E.* GOODWIN PREECE

Live Stock Exporter, Shrewsbury, Eng.,

Who has thorough knowledge of all the best British flocks, herds and studs, great experience in shipping, and the privilege of obtaining choicest specimens of any blocd for Show and Breeding. American Buyers supplied with SELECTED STOCK AT THE LOWEST IXTES. Those visiting England conducted to inspect the leading stocks to compare merits and prices before the leading stocks to compare merits and prices before the leading stocks to compare merits and prices before the leading stocks to compare merits and prices before the leading took to compare merits and prices before the leading took to compare merits and prices before the leading to the leading t

To Stockmen & Breeders.

JTTLE'S PATENT: FLUID NON-POISONOUS

SHEEPDIP

AND CATTLE WASH.

For the destruction of Ticks, Lice, Mange and all Insects upon Sheep, Horses, Cattle, Pigs, Dogs, etc. Superior to Carbolic Acid for Ulcers, Wounds, Sores, etc. Removes Scurf, Roughness and Irritation of

Skin, making the coat soft, glossy and

the Skin, making the coat soft, glossy and healthy.

**The following letter from the Hon. John Dryden, Minister of Agriculture, should be read and carefully noted by all persons interested in Live Stock:

"MAPLE SHADE" HERDS AND FLOCKS, BROOKLIN ONT, Sept. 4th 1890.

"MAPLE SHADE" HERDS AND FLOCKS.
BROOKLIN, ONT., Sept. 4th, 1890.
DEARSIR,—I cannot afford to be without your
"Little's Sheep Dip and Cattle Wash." It is not
merely useful for Sheep, but it is invaluable as
a wash for Cattle, etc. It has proved the surest
destroyer of lice, with which so many of our
stables are infested, I have ever tried; it is
also an effectual remedy for foul in the feet of
Cattle. I can heartily recommend it to all
farmers and breeders.

Ast Seventeen Gold, Silver and other Prize
Medals have been awarded to "Little's Patent
Fluid Dip" in all parts of the world. Sold in
large tins at \$1.00. Special terms to Breeders,
Ranchmen and others requiring large quantities. Ask your nearest druggist to obtain it for
you; or write for it, with pamphlets, etc., to
ROBERT WICHTMAN, DRUCCIST, OWEN SOUND, ORL

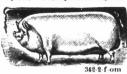
ROBERT WICHTMAN, DRUCCIST, OWEN SOUND, Ont. Sole Agent for the Dominion. 330-2-y-om

YORKSHIRE PICS & Of the best type and breeding. Pairs not akin for sale at all sea-J. M. HURLEY & SON



J, G. MAIR, Howich, P.Q. BREEDER AND IMPORTER OF IMPROVED LARGE YORKSHIRES.

I am breeding from nothing but stock in





first-class boars, chiefly imported Customers can be supplied with ated. Write for prices, or come and pairs not related ee stock. Bright Station, G.T.R. 339-2-y-om

BERKSHIRES, COTSWOLDS JERSEYS.



ages for sale. Show Rams and Ewes, Ram Lambs and Ewe Lambs. Come and see, or address— Young stock of both sexes and of various

J. C. SNELL, EDMONTON, ONT.

ISRAEL CRESSMAN, New Dundee, Ont. Importer and breeder of Large English Berk-hires. Young Hogs always on hand; got by imported stock.

H. J. DAVIS, Woodstock Ont., Breeder of High-class Large Berkshire and Imp. Large White Yorkshire Swine, Short-



from prize winning stock. Stock ship-ped to order. Satis

ISALEIGH GRANGE FARM Danville, P.Q.

SPECIAL OFFERING, Fourgrand young Guern sey Bulls- one two-year old, one yearling and two calves-all winners at the largest shows in Canada. Write quick and get prices.

IMPROVED LARGE YORKSHIRES.—Orders

booked now for fall pigs. We have a grand lot of sows due to farrow in October & November. SHROPSHIRES.—A few ram lambs left; all the ewe lambs sold. Also a few choice COLLIE PUPS: Dogs, \$10 each; Bitches, \$7, from prize stock. Address,

J. Y. ORMSBY, Manager.

STOCK GOSSIP.

** In writing to advertisers please mention the Far mer's Advocate,

J. C. Snell offers Berkshires, Cotswolds and Jerseys for sale. See his advertisement in this issue. Mr. C. R. Decker, Chesterfield, has changed

Mr. C. R. Decker, Unesternedd, has changed his advertisement in this issue. He now offers for sale young sows and boars, many of which are got by imported boars. Pairs not related are offered. Write him for particulars.

we have made a change in Mr. Hawkshaw's advertisement this month. We are pleased to see he has made larger sales than ever for this time of year, and this, in spite of the low price of wool on the other side, speaks volumes for the high class of sheep he imports.

In this issue E. Gaunt & Sons, St. Helens, Ont., offer for sale a capital lot of Leicester sheep, including yearling rams and yearling ewes, ram lambs and ewe lambs. Their sheep are very good. The flock shown by these gentlemen was one of the best brought out this year in Canada or the United States.

Mr. J. Y. Ormsby, manager of the Isaleigh Grange Stock Farm, writes us that he has sold to Mr. Luke Heeney, Denfield Lake, Que., their choice shearling ram, which was imported from the flock of Mr. John Thonger, Salop, Eng. This sheep secured second prize at both Mon-treal and Ottawa the college. This sheep secured second prize at both Montreal and Ottawa, the only places shown, and promises to make a grand stock ram. He has also sold to Mr. Jas. Robb. of Kayubazua, Que., a very choice ewe lamb. Both these gentlemen are pioneers in the fine stock industry in their county, and deserve great credit for their enterprise.

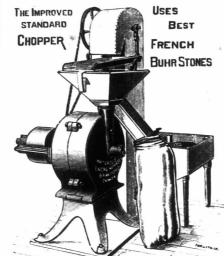
In a recent letter from Mr. T. H. Mederaft, Sparta, Ont., he informs us that he wishes to dispose of a number of imported Shropshire ewes and ram lambs, their produce this season. From what we have heard the ram lambs are a particularly choice lot: The ewes were selected by Mr. Mederaft two years since, and are from the flock of Mr. H. J. Shedon, Brailes House, Warwickshire, England. He also has a number of choice Yorkshires on hand, which are bred from the importation made at the same date that contained several prize-winners in England that season. Among what he now wishes to sell are a number of choice young sows, which are old enough for breeding. For further particulars look up his advertisement in our last issue.

NOTICES.

further particulars look up his advertisement in our last issue.

NOTICES.

Our representative has many kind words for the farmers in the vicinity of Vankleck IIII.
Our representative has many kind words for the farmers in the vicinity of Vankleck IIII.
Our representative has many kind words for the farmers in the vicinity of Vankleck IIII.
Our representative has many kind words for the farmers in the vicinity of Vankleck IIII.
Our representative has many kind words for the farmers in the vicinity of Vankleck IIII.
Our representative has many kind words for the farmers in the vicinity of Vankleck IIII.
Our representative has many kind words for the farmers in the vicinity of Vankleck IIII.
Our representative has many kind words for the farmers in the vicinity of Vankleck IIII.
Our representative has many kind words for the farmers in the vicinity of Vankleck IIII.
Our representative has many kind words for the him of the continuty of the same of the farmers and the hill.
Representative has seen of the farmers of having the biggest cheese, but also the biggest apple. Arkansas has formerly held this proud position, but had to yield the paln to British Columbia. This wonderful apple he biggest cheese, but also the biggest apple. Arkansas has formerly held this proud position, but had to yield the paln to British Columbia. This wonderful apple and a half inches in circumference. It was grown by Mr. A. Clemis, Spruces British, Britis



A12x16SHED

A Standard Buhr Stone Chopping Mill and your Threshing Engine, is all that is required to start a chopping business this Winter.

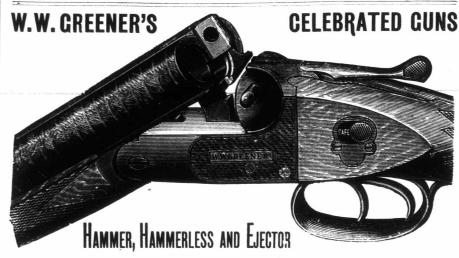
RUN 1, 2, 3, OR MORE DAYS per week, according to your trade.

Farmers Prefer Stones to Rolls or Iron Plates

150 Bags, \$9.00 to \$12.00, is a - fair day's work. -

: Write for Circulars. : :

WATEROUS. Brantford, Canada. 344 a-o



Are the best finished and finest shooting guns in the world. Write for Catalogue. : : :

W. W. GREENER, Birmingham, England.

A Centleman

Who formerly resided in Connecticut, but who now resides in Honolulu, writes: "For

20 years past, my wife and I have used Ayer's Hair Vigor, and we attribute to it the dark hair which she and I



A NEW DEPARTURE

CEM

TO

€



A Wind Engine that never requires oiling. Guaranteed as durable without oil as others requiring it. Truly a "gem," and worth its weight in gold. The Gem Steel Tower combald, and the hair kept falling out e v e r y d a y. I

ONT ARIO PUMP CO. LD., (IN LIQ.) Toronto, Ontario. 344-tf-om

THE MARKHAM HERD Farm at Locust Hill Station, C.P.R. Registered Improved Large Yorkshire, Berkshire and Suffolk pigs. As we do not intend to exhibit, we will now sell a choice los of show pigs of each breed. 3H-y-om JOHN PIKE & SONS.

THE Oxford Herd of Registered Poland Chinas

We have spared no expense in selecting the choicest individuals from the best American and Canadian herds TWO IMPORTED BOARS IN USE. W. & H. JONES,

Mount Elgin P. O. Telephone connection. 339-y-om

TAMWORTH SWINE, SHROPSHIRES, CLYDES-DALES AND SHORTHORNS.



Can furnish a number of choice young pigs in unrelated pairs.

ber of choice young pigs in unrelated pairs, bred from the best stock procurable in England. Pigs crated suitable for long journeys. A few nice Shropshires for sale, bred from stock imported by such importers as John Miller & Sons, Brougham; R. Caullicott, Tyrone, etc. A few of the best Clydesdales on the continent. The Granite City and Eastfield Chief at head of stud; also Shorthorns of choice breeding. Correspondence solicited. Visitors welcome, Muliken at a (Midland Division), G.T.R.

JOHN BELL, Ciydesdale Farm. Amber, Ont.

S

WASHING: MADE: EASY.

MR. T. M'CROSSAN'S WASHER A WONDERFUL INVENTION-EXHIBITION YESTERDAY

INVENTION—EXHIBITION YESTERDAY
AFTERNOON.

A number of people took the opportunity of witnessing an exhibition of Mr. McCrossan's Washer yesterday afternoon in the Bijou Opera House. The fair sex were well represented. They seemed interested in the working of the machine. It has been very much improved in appearance and in matters of detail since the last trial. The cylinder on which the clothes are put in is about thirty inches in diameter and fourteen inches wide. By bars, placed in the interior, three cavities are made, and as it revolves the clothes are carried to the top, when they fall down in the next cell Each time the cylinder makes a revolution the clothes make three plunges. It is worked by a lever which has connection with a cog wheel, and so easy is the work that a small boy can turn it with one hand with ease.

The exhibition commenced at three o'clock. Twenty pieces of white clothes, including sheets, towels, cuffs and collars were put in, and after the machine had been in motion seven and a half minutes they were put through a ringer. Then a dozen pieces of overalls and smocks of the dirtiest kind, such as used by firemen, were put in. The cylinder was put in motion and the dirt fairly rolled out. The water had to be changed several times. After eleven minutes the garments were taken out and pronounced by the spectators as being satisfactorily washed. To give it a fair trial the dirty clothes should have been soaked. Mr. McCrossan's machine turns work into play.

Winnipeg Tribune, Nov. 12, 1892. AFTERNOON.

Winnipeg Tribune, Nov. 12, 1892.

McCROSSAN & CO., 566 Main Street, WINNIPEG, MAN. 42-y-om

FARM: WAGONS



THAT IS GIVING UNIVERSAL SATISFACTION TO THOUSANDS WHO ARE USING THEM.

Special Features

EXTRA FINISH, GREAT STRENGTH, AND DURABILITY.

OUR OTHER LINES:

Heavy Log Trucks, -

Farm Trucks, -:-: :-: Celebrated "Moses" Farm Truck, :-: One-Horse Wagons,

:-: :-: Farm Dumps, Carts, Etc. -Correspondence solicited. Address to

BAINBROS. MFG.CO., Ltd. BRANTFORD, ONT.



BY ONE MAN. Send for free illustrated catalogue, showing testimonials from thousands who have sawed from 5 to 9 corda daily. It saws down trees, folds like a pocket-knife, weighs only 41 lbs., easily carried on shoulder. One man can saw more timber with it than two men with a cross-cut saw. 73,000 in use. We also make larger sized machine to carry 7 foot saw. No duty to pay, we manufacture in Canada. First order secures the agency. FOLDING SAWING MACHINE CO., 241 to 249 S. Jefferson Street, Chicago. Ill-

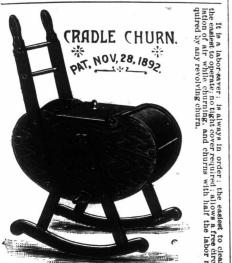
TARMERS REQUIRING : : :

Stack Covers, or Grain Covers, Binder Covers, Horse or Wagon Covers. : :::

Tarpaulins, etc., or anything in canvas line, can be accommodated by addressing J. TOBIN, 297 Queen St., Ottawa. All covers of my make are guaranteed thoroughly water proof and of the best quality at the lowest prices. Send for samples. Hundreds of testimonials. 314-2 f-om







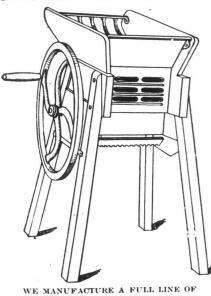
Address : B. R. HAMILTON & CO., Neepawa, Man., or to he WATSON MANUFACTURING CO., Ayr, Ont. 337-y-

DRS. ANDERSON & BATES, Surgeons of the Eye, Ear, Throat & Nose, 34 North James St., Hamilton, and 5 College St. Toronto Solo lege St., Toronto. Sole agents for Prof. North's Earphone for the incurable deaf. A large assortment of artificial end on hand.

The High Speed Family Knitter arn. The most pract knitter on the market

Dundas Knitting Machine Co., Dundas, Ontario

STOCK RAISERS!



ROOT PULPERS AND SLICERS

(Single or Combined, and for Hand or Power.)

SEND FOR DESCRIPTION.

DAVID MAXWELL & SONS, St. Marys, Ont.

Mention Farmer's Advocate. 341-g-0

: TRY OUR NEW :

STEEL GANG CHEESE PRESS

All kinds of Cheese and Butter Factories furnished with the latest machinery.

-:- THE "MONARCH" -:-

ENSILAGE: CUTTER (Carries any length, angle or direct).

Full line of Fodder Cutting Machinery, Horse Powers, Grinders, Root Pulpers and Agricultural Implements. Write for prices. Satisfaction guaranteed. Address, RICHARDSON & WEBSTER,



HOW SHE MADE HER MONEY.

Mrs. E. M. Jones' New Book, "DAIRYING FOR PROFIT," Tells the Whole Story.

So anyone reading it can do the same, and secure a comfortable independence. 60.000 COPIES SOLD ALREADY! Orders still pouring in. Price, 30c. by mail; four copies to one address by mail, \$1.

332-y-om

BROWN, ARCHIE ONABA.

FENCING AGAINST SNOWDRIFTS

Extracts from Letters Received by us, giving Experience with our Fence when Buried under Snowdrifts:

One of our claims for the fence is that it will not cause drifts, as a rail or wire and picket fence will do. This is no small advantage in a country where road-breaking is the principal occupation in winter. Any of the other wire fences can make the same claim, but there is this difference in places where, owing to the lay of the land, drifts are sure to abound, then comes the advantage of the Coiled Spring. It is a well-known fact that when the snow begins to melt a change of weather will freeze it to the fence, and as it settles the fence usually goes with it. There is no exception in our case, but when the snow softens again ours will come up smiling to its proper position, while barbed wire and all kinds of netting, and in fact every other kind of wire fence, will, at least, show signs of distress, if they do not surrender unconditionally. This feature should, and does, count strongly

in our favor in every part of the country subject to such heavy snowfalls.

"This winter has shown its merits nicely along highways. We have had lots of snow and it drifted badly, filling the lanes and highways full where board fence, or combination fence of three boards and two barbed wires were used; but where the Page was used there was no more snow than there was in the open fields, and travel was just as easy on the road as in the field; but with the fences just mentioned the roads had to be abandoned and fences pulled down in many places, and where there were ditches or streams to cross, the road had to be shovelled to the bridges and then out into the fields again. And now the snow is gone from the fields and there is no frost in the ground; the snow fell before the ground froze, and it has been well covered since then till now, and the ground is soft and wet, so that travel makes sad work in the fields, and freezing by night, thus keeping the fields in bad condition long after the snow in the fields has gone. The roads are in bad plight, and will remain so till the drifts are gone. The Page Fence has been an eye-opener this winter. It will pay to put the Page along the highways every time, and if the farmers know their own interest it will pay them to use it around their plow land to avoid late drifts. JOHN MARCH.

"After the big snow storm last February there was only five wires in sight, and a drift hard enough to walk on over the top wire near one end, and afterward there was rain and a freeze, and the drift became ice and bore down on the fence till it drew one of the stay wires through two staples driven hard in red oak posts, but it did not bend or damage the fence any, for now the snow is gone and I have tightened up the stay wire and the BYRON P. RUGGLES. fence is all right."

"I put up a few rods of 19-58 along a creek bottom a few miles from here. When the floods came this spring it spread all over the bottom. The fence became a dam, and tons upon tons of ice floated against it, damming the water above. The ice pulled the top of the fence down until it was not more than three feet from the ground. The ice hung there until it melted off. It then straightened up, but had been so long that it was stretched and loose. I hitched my stretcher to it one day as I passed, gave it a few strokes, and it was in just as good shape as the first day I put it up. Not even a cross wire broken. Talk about your tests of Royal Bunter, Sleet, Snowdrifts, etc. Here is a test compared with which the others are as child's play. I should like to see some of the fences which claim to be 'just as good as the Page, and lots cheaper,' put to a similar test." JAMES E. BOYS.

SEND FOR CIRCULARS AND PRICE LISTS.

PAGE WIRE FENCE COMPANY OF ONTARIO (Ltd.), Walkerville, = 344-a-o =

DURABILITY SKETY M APN RENGTH. NOTHING CAN APPROACH THE

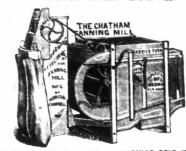
· THE · **Locked-Wire** FENCE

_ocked-Wire FENCE CO'Y. Ingersoll, - Ontario.

AS BUILT BY Apply to the above for Farm Rights and Agencies to build any part of the Dominion $342 \cdot a \cdot om$

ADVERTISE IN THE FARMER'S ADVOCATE.

34,000 CHATHAM MILLS NOW IN USE



2,000 MRIS SULU IN 1888 | AND 3,000 BAGGERS.

More than have been sold by all the other factories in Canada put together and doubled. Over 16,000 Bagging Attachments now in use. Bagging Attachment is run with a chain belt that cannot slip. The elevator cups are also attached to endless chain belt that cannot slip nor clog. Cleaning Alsike clover and Black Evo and Mayrowrfat peace a special feature. The attached to endiess chain bent that the arrival and clog. Cleaning Alsike clover and Black Eye and Marrowfat peas a special feature. The mill is fitted with screens and riddles to clean and separate all kinds of grain and seed, and is sold with or without a Bagger, but it is not wise to do without a Bagger. Satisfaction guaranteed. Send for Catalogue and prices. Sixty-five carloads sold in Ontario from January 1st to July 10th, 1893.

MANSON CAMPBELL, Chatham, Ont.



NEWLANDS & CO., Galt, Ontario,



DURABLE, WARM, HANDSOME (Equal in all respects to the Buffalo Skin.)

They are thoroughly lined and trimmed; have stood rough usage for five years by farmer liverymen, doctors and others, and have : given entire satisfaction. : **

Patented in Canada and the United States. Send for Recommendations and Price Lists. 341-L-0

INDIAN CAME Cockerels for sale at from \$1.50 to \$3.00 each. This is the best known breed for improving common fowls and for the table use.

WHITE AND SILVER WYANDOTTE Cockerels at from \$1 to \$2 each; also a few Pullets at from \$1 to \$1.50 each. The Wyandottes are the best general purpose fowl. These birds are all from prize winners at Toronto and other large shows. Write to JNO. J. LENTON, Park Farm, Oshawa. 343 · y · om



Trios only \$4.50!

(Worth \$10.00).

Choice cockerel and two fine pullets. All bred from our great prize winners. Mated not akin. For delivery September 1st. Order now and get selection from bundreds. Your money back if hundreds. Your money back if they don't please.

C. W. ECKARDT, RIDGEVILLE, ONTARIO,
Plymouth Rock Headquarters.
(Draw P. O. orders on Fonthill,
Ontario.) 327-y-om

POULTRY . FOR . SALE Langshan; Buff and Partridge Cochins; Rose Comb, White and S. C. Brown Leghorns. Fowls and Chicks, all of prize-winning stock, at rea-sonable prices. Satisfaction guaranteed. Write BARTLETT & GEORGE, 52 Clarence St., London, Ontario. 343 f-om



Sweepstakes at Chicago, 1891 B. and W. P. Rocks, W. and S. Wyandottes, W. and B. Leghorns, and Bronze Turkeys. 300 Toms and Hens, sired by 44 and 47 lb. Is, pairs, trios and pens, mated for aluable illustrated circular, free.

F. M. MUNGER, DeKalb, Ill.

BREEDERS' DIRECTORY. W Cards up to six line space inserted under

this heading, one issue a month, \$3 per line per annum; every issue, \$5 per line. Payable in

A. & G. RICE, Curries P. O., Ont., breeders of Holsteins of the best butter strains. Write for prices.

A LEX. HUME, Burnbrae, Ont., breeder of heavy milking, pure and high grade Ayrshire cattle and Yorkshire pigs of good quality.

330-2-y

DLACKWELL & McCALLUM, Martintown, Ont., breeders of registered Clydesdales, Shropshires and Yorkshires. 340-2-y

CHAMPION dairy herd of Canada. Ayr shires, three 1st prizes, Government tests for butter, quality and quantity. R. ROBERT SON, Howick, Quo.

DANIEL BRIMS, Athelstan, P. Q., breeder of Durham Cattle, Clydesdale Horses and Shropshire Sheep. 315-2-y DANIEL DRUMMOND, Burnside Farm, Petite Cote, P. Q., breeder of Ayrshire 315-2-y

E. B. BALL, Lee Farm, Rock Island, Que. breeder of Standard-bred & Road Horses Stoke Pogus St. Lambert Jerseys. 340-2-f

RRED. S. WETHERALL, Compton, P. Q., breeder of Jersey Cattle and Shropshire Sheep. 340-2-y TILHURST HACKNEYS.—Oldest stud in Ameri Purest and most fashionable strains. Aberde Angus Cattle, Shropshire Sheep and Large Yorksh Swine. M. H. Obchrane, Hillhurs Station, Compton (

JAS. HUNTER, Alma, Ont., Canada, breeder and importer of Shorthorn Cattle, Clydes-dale Horses and Shropshiredown Sheep. 322-y

JAMES I. DAVIDSON, Balsam P. O., Ont., importer and breeder of Clydesdale horses and Shortnorn cattle from the herd of A. Cruickshank, Esq., Sittyton, Scotland. Stock for sale.

D. McEWEN, Falkirk, Ont., Breeder of Border Leicesters. Stock for sale. 332-f TOHN JACKSON & SONS, Abingdon, Ontario, Importers and Breeders of Registered Southdown Sheep. 322-y

JOHN LAIDLAW, Crosslee Farm, Wilton Grove P. O., Ont., breeder and importer of Border Leicester Sheep. Sheep for sale. Satisfaction graphs and sale. isfaction guaranteed.

LEASK, Taunton, Ont., breeder of Clydes-dales, Shorthorns, Shropshires and Berk-res. 343-2-y-om

AMES STEPHEN & SONS, Brookhill Farm, Trout River, P. O., P. Q., importer and eeder of Ayrshire Cattle and Yorkshire Pigs. Young stock always on hand for sale. 315-2-3

S. CAIRNS, Camlachie, Ont., Breeder of Pure-bred Chester White Swine. 327-y

JOSEPH YUILL, Carleton Place, P.O., Ont., breeder of Ayrshire Cattle, Shropshiredown Sheep, and Berkshire Swine. Breeding and Importing
SHROPSHIRE SHEEP
a specialty. 322 P. PHIN.

EVI SKINNER, Tyrone P. O., breeder of Shropshires and Shorthorns. Well-bred breeding stock a specialty. Satisfaction guaranteed.

MAPLE RIDGE SOUTHDOWNS. Guy Carr, jr., Compton Station, Quebec, also breeder of P. Rocks and Wyandottes. 340-2-y ROBERT MARSH, Lorridge Farm, Richmond Hill, Ont. | Importer and Breeder of SOUTHDOWN SHEEP. 319-y

R. SANGSTER, Lancaster, Ont., breeder, and importer of Scotch Shorthorns.340-2-y W. STEVENS, Lambeth, Ont., London Station, breeder of Pure-bred Registered Lincoln Sheep. Imported stock. Stock for

S PRINGHILL STOCK FARM, Wilfred Hansel, importer and breeder of thoroughbred Clydesdales. Stock for sale. Correspondence solicited. Thorold P. O., Ont. 322-2-y THOMAS IRVING, Montreal, breeder of Clydesdale Horses and Ayrshire Cattle.

T. C. McAVOY, Balsam, Ont., breeder of Cotswold Sheep. Young stock of all kinds for 323-2-y

W. HECTOR, Springfield-on-the-Credit, Ont., Importer and Breeder of Dorset Horn Sheep. The oldest flock in Canada. 331-1-y-om W. P. McCLARY, Glenholm Farm, Compton, P.Q., breeder of Shorthorns. Young tock for sale. 340-2-y

W. H. REID, breeder of Ohio Improved Chester and Suffolk Pigs. Lockton, P. O., Ontario. All stock registered. 322-2-y W.M. STEWART, Jr., Menie Stock Yards, Seymore, Ont., breeder of Ayrshire Cattle and Bereshire Pigs. 323-2 y

W. H. BEATTIE, Wilton Grove, importer and breeder of Shropshire Sheep. A choice lot of Collie Dogs and White Holland

W HITELAW, Guelph, Ont., breeder of Shorthorn Cattle and importer and breeder of Border Leeiceetr sheep. 319-y W. SM1TH, M.P., Columbus, Ont., breeder and importer of Clydesdale Horses, Shorthorn Cattle, and Cotswold Sheep. Stock for sale. Terms and prices liberal. 325-2-y

UN-NERVED, TIRED

People and invalids will find in CAMPBELL'S QUININE WINE

A pleasant restorative and appetizer. Pure and wholesome, it has stood the test of years. Prepared only by K. CAMPBELL & Co., MONTREAL.

334-2-y-om

THREE DISTINCT SERVICES FROM MONTREAL WEEKLY.

Mail Service to Liverpool, via Quebec, Rimousk and Derry, or via Portland & Halifax in Winter. DIRECT SERVICE MONTREAL TO GLASGOW

Direct Service Montreal to London.

These steamers are of most recent construction; are of the highest class, and their record for the safe carriage of cattle is unexcelled. Special attention paid to the best methods of stowing and carrying cheese, apples and other farm produce. For schedule of sailings, rates of passage or other informaton, apply to H. & A. ALLAN, Montreal.



Will be run from CHICAGO, PEORIA and ST. LOUIS via the

BURLINGTON ROUTE AUGUST 22, SEPTEMBER 12, OCTOBER 10.

On these dates ROUND-TRIP TICKETS will be SOLD at

LOW RATES To all points in NEBRASKA, KAN-SAS, COLORADO, WYOMING, UTAH, NEW MEXICO, INDIAN TERRITORY, TEXAS, MONTANA.

Tickets good twenty days, with stop-over on going trip. Passengers in the East should purchase through tickets via the BURLINCTON ROUTE of their nearest ticket agent. For descriptive land pamphlet and further information, write to P. S. EUSTIS, Cen'l Passenger & Gent, Chicago, III.



the very best place in Canada to get a Thorough Business Education.

Thorough Business Education.

TAKE A ROUND TRIP and visit all other Business Colleges and Commercial Departments in Canada, then visit the Northern Business College, examine everything thorough. If we fail to produce the most thorough, complete, practical and extensive course of study, the best college premises, and the best and most complete and most suitable furniture and appliances, we will give you a full course FREE. For Circular giving full particulars free, address C. A. FLEMING, Principal.

341-fo



ege for Young Women. ST. THOMAS, ONTARIO. Graduating

crattre, Music, Fine Art, Commercial Science and Electrion. The efficiency of Canadian Colleges is conceiled by all. 20 professors and teachers, 200 acudents from all parts of America. Heal h and home. LOW RATES, Only 3 hours from Detroit. 69 pp. illustrated president AUSTIN, A. B.

Every owner of a Wanted Horse or cow wants to know how to

keep his animal in good health while in the stable on dry fodder. DICK'S BLOOD PURIFIER is now recognized as the best Condition Powders, it gives a good appetite and strengthens the digestion so that all the food is assimilated and forms flesh, thus saving more than it costs. It regulates the Bowels and Kidneys and turns a rough coat into a smooth and glossy one.

Sound Horses are always in demand and at this season when they are so liable to slips and strains DICK'S BLIS-TER will be found a stable necessity; it will Horses

remove a curb, spavin, splint or thoroughpin or any swelling. Dick's Liniment cures a strain c-lameness and removes inflammation from cuts and bruises. For Sale by all Druggists, Dick's Blood Purifier 50c. Dick's Blister 50c. Dick's Contment 25c. Dick's Ointment 25c.

Fat Cattle postal card for full para book of valuable household and farm recipes will

DICK & CO., P.O. Box 482, MONTREAL.

PILES Radically Cured. W. E. BESSEY, M.D., C.M.,

200 JARVIS STREET, TORONTO.

IN BRITISH COLUMBIA. -

The islands of the Gulf of Georgia offer great advantages for those desirous of investing in sheep raising. We have several suitable islands 30 to 80 miles from Vancouver, contain-ing 200 to 1,700 acres, at \$5 to \$8 per acre, deeded.

MACKINNON, MACFARLANE & CO..

611 Hastings Street West, Vancouver, B.C.

THE EXCELSIOR LIFE INSURANCE CO. OF ONTARIO, LTD.

330-2-y-om

Incorporated 1889. Subscribed Capital, \$354,500 Office: Cor. Adelaide and Victoria Streets, Toronto.

A home company with most liberal and attractive plans and features. Largest Assets in comparison to Liabilities. Highest Rate of Interest on Investments. Lowest for cost of Management, in cost of obtaining new business, and in rate of mortality. Policies non-forfeitable, incontestable, and entitled to large percentage of

GOOD RELIABLE AGENTS WANTED. E. MARSHALL, 339-L-o SECRETARY MANAGING-DIRECTOR

Wholesale General Merchants, 100 GREY NUN ST., MONTREAL

IMPORTERS OF

Scotch Glazed Drain Pipes, Chimney Tops, Vent Linings, Flue Covers, Fire Bricks, Fire Clay, Portland Cement, Roman Cement, Canada Cement, Water Lime, Whiting, Plaster of Paris, Borax, China Clay, etc., etc.

MANUFACTURERS OF BESSEMER STEEL SOFA, - CHAIR - AND - BED - SPRINGS A LARGE STOCK ALWAYS ON HAND. WM. CURRIE.

331-y-om F. P. CURRIE Farmers, Harvesters, Threshers!

LET USE SOMETHING GOOD. TO

WILL DO ALL YOUR WORK.

OR SALE ONLY BY FIRST-CLASS DEALERS, Hardwares, Druggists, General Stores, &c. Notice that packages bear THE PEERLESS

BRAND, and take no other.

-:- IT'S THE OIL FOR YOUR USE. -:- -:

SAMUEL ROGERS & CO.

340-f-o SOLE MANUFACTURER:

BEWARE OF IMITATIONS. PATENTS procured in all countries. Expert in pattries. Expert in pattries. Correspondence solicited. 25 years' experience cited. 25 years experience. W. Bruce, 17½ King St., East, Hamilton, Ontario. 342-2-с

ONTARIO VETERINARY COLLEGE A. RAMSAY & SON, - MONTREAL.

Temperance Street, Toronto.

The most successful Veterinary Institution in America. All experienced Teachers. Session begins October 21st. Apply to the principal, Prof. Smith. V.S., Edin., Toronto, Can. 273-2-y

\$2.00

per acre will buy a few farms within six miles of the great

W-H-E-A-T shipping town of

PORTAGE LA PRAIRIE Other choice properties in town and vicinity cheap and on easy terms. Correspond with W. RICHARDSON,

Real Estate, Loan and Collecting Agency, Saskt. Ave., Portage la Prairie. P.O. Box 753, 42-y-om

400 — Helderleigh Fruit Farms Nurseries — 400 (Four Hundred Acres in Extent.)



Established 1882. There is no place in Canada where the season is longer than here. Hence we get trees brought to the fullest maturity, capable of with-standing the severest cold. Having one hundred acres in fruit, from which cuttings, buds science to are the

in fruit, from which cuttings, buds, scions, etc., are taken, I can safely guarantee the purity of my stock to be equal, if not superior, to any other nursery. The soil is specially adapted to produce vigorous, hardy trees, a grand lot of which are now growing and for sale. All the leading sorts of both old and new varieties deemed worthy of propagation. Catalogues free on application. Agents wanted in every township.

337-y-om E. D. SMITH, Winona, Ontario SPECIALTY.—Orificial Surgery, Piles & Rectal Diseases, Stomach and Intestinal Disorders, Chronic and Nervous Diseases, Genito-Urinary Affections, and Diseases of Women. Private Hospital, with trained nurses.

329-y-om

Now growing and for sale. All the leading worth of both old and new varieties deemed worthy of propagation. Catalogues free of application. Agents wanted in every township and for sale. All the leading worth of propagation. Catalogues free of application. Agents wanted in every township and for sale. All the leading worth of propagation. Catalogues free of application. Agents wanted in every township and for sale. All the leading worth of propagation. Catalogues free of application. Agents wanted in every township and for sale.

ERTEL'S VICTOR



MOST RAPID, DURABLE AND ECONOMICAL. SO WARRANTED OR NO SALE.

The Most Scientifically Arranged and Most Improved Baling Machine Manufactured. THOUSANDS IN USE.

ALL THE LATEST IMPROVEMENTS, SUCH AS AUTOMATIC DOUBLE PLUNGER BRAKE. : : AUTOMATIC TENSION REGULATOR. : : : PRESS BOX LINED WITH IRON OR STEEL. ; Capacity: One to Two Tons Per Hour.

We warrant it to be the most complete Hay and Straw Press manufactured. Warranted by us as being the strongest built baler; baling Hay or Straw more rapidly, nicer and easier, and doing the work more economically than can be done with any other Horse Power Press manufactured and sold in America.

WE INVITE COMPETITION, excepting no one, whatever name or style it may be. Illustrated large circulars, giving full information, with prices of the different Ertel Baling Presses, mailed free. Address,

STEVENS & BURNS MANUFACTURERS

LONDON, ONTARIO, CANADA.



the wheels for Canadians. Light, strong, unbreak-able. Unexcelled for easy-running qualities. Manu-factured by the wanderer Cycle Company 22 and

24 Lombard St., Toronto. Send for Catalogue.

STOCK FARM FOR SALE!

The farm known as Sunnyside, consisting of three hundred acres, equipped with ample buildings, stone stabling capable of accommodating 100 head of cattle, 150 sheep, 25 horses, pigs and poultry; splendidly watered. Farm has always been the basis of a large stock breeding establishment, and is therefore in the highest possible state of fertility. Brick residence, ten rooms, and tenement house for men. Farm may be divided.

JAMES HUNTER. 343-1-c-om

Alma.



You get this one on UNICORN

KEADY MIXED PAINT, and we guarantee it to be your house with it every time. Buy no other 40 time. Buy no other different shades

MANUFACTURED ONLY BY

Established 1842. Leads, Colors, Varnishes, etc. 331-y-om

AKNESS OF MEN Quickly, Thoroughly, Forever Cured

by a new perfected scientific method that cannot fail unless the case is beyond human aid. You feel improved the first day, feel a benefit every day; soon know yourself a king among men in body, mind and heart. Drains and losses ended. Every obstacle to happy married life removed. Nerve force, will, energy, brain power, when failing or lost, are restored by this treatment. All small and weak portions of the body enlarged and strengthened. Victims of abuses and excesses, reclaim your manhood! Sufferers from folly, overwork, early errors, ill health, regain your vigor! Don't despair, even if in the last stages. Don't be disheartened if quacks have robbed you. Let us show you that medical science and business honor still exist; here go hand in hand. Write for our book with explanations and proofs. Sent sealed, free. Over 2,000 references.

ERIE MEDICAL CO., Buffalo, N.Y. 333-y om

CHOICE MANITOBA FARMS FOR SALE

Apply to : : : : : JOHN WELD,

London, Ont.