Issued Each Week-Only One Dollar A Year

AND

VOL. XXXI.

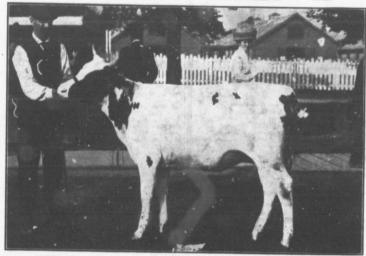
NUMBER 38

RURALHOME

PETERBORO, ONT.

SEPTEMBER 19

1912.



HUMSHAUGH KATE, AN AYRSHIRE HEIFER THAT IS PRACTICALLY IDEAL IN TYPE

This pure bred Ayrshire helfer, owned by A. Hume & Co., of Menie Ont., was the first prize senior helfer alf at the Canadian National Exhibition, Toronto, and with her full sister won the award offered for the best two animals the progeny of one cow She was also a prize winner at the London Exhibition last week. This helfer is the type the expert breeders seek after. Notice her open nostril, broad forehead, strong jaw, long isan neck that blends nicely with the soulder, her straight, strong, back, unusual length of barrel, her depth behind the shoulder and her well sprung rib, denoting a strong constitution, and the dairy qualities of her hind quarters. Helfers like these make money for them who wn them. We need more of them. Mr. Hume may be seen holding her.

DEVOTED TO

BETTER FARMING AND GANADIAN GOUNTRY LIFE



Showing Simplicity and Accessibility

flousing exposes the gearing and lower bearings of the Simplex.

Removing the body

(2)

Why You Will Prefer THE "SIMPLEX"

In preference to all other Cream Separaters is because the "Simplex" isc

> So Simple So Easy to Turn So Easy to Clean So Perfect in Skimmine So Quick in Separating

So Pleasing in Appearance Self Balancing Seldom out of Repair Seon Pays for Itself

LASTS A LIFE TIME

There are other advantages in favor of the "Simplex." These are explained in our literature, which will be mailed to you free on

The ease of running, ease of cleaning, simplicity, self-balancing bowl, interchangeable spindle point, low-down supply can, the general pleasing appearance, and the perfect skimming of the "Simplex" make it the favorite everywhere it goes.

Then, too, our large capacity machines, so constructed that they surn more easily than most other separators, regardless of capacity, will enable you to separate your milk in half the time. This is a great advantage it will pay you to enjoy.

> Bear in mind we allow you to prove all these claims -since "Proof of the Pudding is in the Eating."

Write to us for full particulars about the "Simplex" and our special terms to you to use the "Simplex" and represent us locally in your district.

D. Derbyshire @ Co.

Head Office and Works: BROCKVILLE, ONT. Branches: PETERBOROUGH, Ont. MONTREAL and QUEBEC, P. Q.

WE WANT AGENTS IN A FEW UNREPRESENTED DISTRICTS

Women About Them

A Few Pointed Paragraphs

ne Women tell fortunes,—all help spend them.

Man's pocket book is always safe,—the Woman's is always handy. Convince the Woman that your goods are right, -she'll sell them to the

The Woman studies where and what to buy,—the man works to pay the bills.

The man may be the President of the home, but the Woman is the Purchasing Agent.

Department store managers knot that by securing the attention a interest of Women, the maximum sales can be made, not only finings for Women's own person uses, but for the needs of the enti

Therefore the modern department store directs about 95 per cent of its advertising to Women and about 30 per cent of its display space is de-voted to goods that appeal to Women as buyers.

A prominent department store man estimates that 60 per cent of the purchases of strictly men's goods are suggested or influenced by Women.

As a matter of fact if the Woman as matter of fact if the Woman is convinced, the sale is two-thirds made to her family, and this statement is verified by a reliable estimate that 35 per cent of all purchases at department stores are made by women direct, or are influenced by Women.

We recognize in Farm and Dairy this great influence that Woman wields On October 10 we will give the farm Women of this country our Fourth Annual Special Household Magazino Number, all devoted to Women and to Woman's activities in agriculture.

Do you believe in Women? You believe in Farm and Dairy!
Then need we give you further argument as to why you should be in
our Special Household Number, October 10?

THE DOMINION EXHIBITION AT OTTAWA

The Central Canada Exhibition, in Canada. Some idea of the quality The Central Canada Exhibition, held last week in Ottawa, was this year conducted as the Dominion Exhibition, and received the special grant of \$85,000 offered by the Dominion Government. This enabled the management to greatly increase the prise-list and helped to bring out a good entry in most classes, al-though the increase was not as large as might have been expected owing part to the unfavorable season making it difficult for farmers to com-

Showers on several days tended to keep down the attendance, although former records were broken in this respect on a couple of days. The management is to be congratulated on having kept the exhibition clear on having kept the exhibition clear from the fakirs which have disgraced this exhibition in the past. The Midway was more than double in ex-tent that of the Toronto Exhibition the week before, but games of chance were net in evidence.

PROVINCIAL EXHIBITS

The British Columbia Government made a creditable exhibit of fruit and other products of that province, which attracted much attention. was also well represented by exhibits in the horse and dairy cattle classes. In the horticultural boildings there

In the horticultural bendings there was a creditable exhibit of fruit and flowers, as well as of vegetables. A considerable number of the awards for fruit went to exhibitors from Gagara district. The agricultural ocieties of Ontario, through the department at Toronto, made an attractive exhibit of seed grain, grain in the sheaf and fruit, similar in character to that made the week before in Toronto. The Ceutral Exfore in Torcnto. The Central Ex-perimental Farm also made an excel-lent exhibit of corn on the stalk, grain and fruit, and displayed charts showing the results of various experiments conducted at the farm There was an interesting exhibit of insects, with information concerning them, by the Entemological Division.

LARGE ENTRY OF HORSES The classes for both heavy and light horses were unusually well filled.

The competition in some classes was The competition in some classes was even keener than at Toronto. Clydes were out in good numbers, but the most marked increase in exhibits was noticeable in the Percherons, which were shown by a number of the leading importers and breeders of that A more extended report these classes appears elsewhere in this issue.

BEEF CATTLE CLASSES

As usual at Ottawa, the beef cat-tle classes were not as strong as the ry. The principal exhibitors were W. Caswell, of Saskatoon, who won R. W. Caswell, of Saskatoon, whe won most of the championships on both males and females; Senator W. C. Edwards, of Rockland; W. A. Wal-lace & Son, of Kars; H. L. Emmert, Oak Bluff, Man.; R. S. Nicholsen, Jas. Leask, of Greenbank; J. Gard-house & Son, of Hisback; J. Gard-house & Son, of Hisback; J. Gard-Davidson, Balsam, Ont.; W. R. Elliott & Son, Mitchell Bros., J. H. Melick, Edmonton, Alta.; Kyle Bros., and one or two others Most of the exhibitors mentioned showed only one or two animals, and all came within the prize money.

All the principal awards for fat steers were taken by Jas. Leask &

DAIRY CATTLE

The Ottawa Exhibition is always oted for its fine exhibit of dairy noted for its cattle, and this year was no excep-tion. As usual, the competition in tion. As usual, the comparation of the Ayrahire classes was particularly keen. Men who had been exhibiting for years stated that they believed the of the steek shown may be gained from of the stock shown may be gained from the fact that the champion hard shown by R. R. Ness, of Howiek, Que., comprising a bull and four females, has been bought by Mr. Baker, of Buffalo, for \$20,000, on condition that he can induce Mr. Mc. Millan, of Huntingdon, Que., to act Millan, er Huntingdon, Que., to act as his farm foreman for three years. This is the largest price ever offered in Canada by an individual purchaser for five animals of one breed.

There was a good exhibit of Hol-steins, Jerseys and Guernseys, but the number of entries, except in Guernseys, where a herd from the Maritime Provinces captured most of the awards, was little or no greater than in former years. B. H. Bull & Son, of Brampton, had matters much Son, of Brampton, and machine their own way in Jerseys, although their own way in Jerseys, although Mr. Ball, of Rock Island, Que., made Mr. Ball, of winnings. Mr. Dolsen, of Alloa, placed the awards for Jerseys and Guernseys. A more extended report of the Ayrshire and Hol-stein classes and the awards is published elsewhere in this issue.

LARGE SHEEP EXHIBIT

There was very fair competition in practically all the classes for sheep, including both long and shert wools. including both long and short wools, the prizes being pretty well divided pin most classes. In Crtswolds, the exhibitors were Paul Sylvester Ar-sene Denis and Thos. Allan. In Legicesters, Jas. Snell and H. M. Allan, and in Lincolns, Denis and Allan, and the support of the control of the South Downs were shown Allan, and in Lincolns, Lenis and Sylvester. South Downs were shown by Alfred Ayr, Geo. Baker and Guy Carr and Shropshires by J. R. Kelev, Paul Sylvester, Alex. Dow, A. Denis and J. C. Stewart.

and J. C. Stewart.

The principal winner in Derset
Horned was R. H. Harding, of Thorndale, with H. F. Goff and Alfred Ayr
taking a fair share of the prizes.
Suffolk and Hampshire Downs were Suffolk and Hampshire Downs were shown by Sylvester, Donis, Kelsey and Ayr; Oxfords by E. Barber, Robt. Brigham and P. Sylvester and Cheviots by Guy Carr, H. F. Gof and Jas. Parker, All the exhibitors mentioned were within the prize meney. The prizes for fat sheep were divided between Geo. Baker, J. B. Kelsey and Alfred Asser, J. B. Kelsey and Alfred Asser, J. R. Kelsey and Alfred Ayr. The awards were placed by Mr. Gibson, of Denfield, and Mr. Archibald, of the Experimental Farm.

SWINE EXHIBIT STRONG

The exhibit of hogs was larger than at the Canadian National Exhibition at Toronto, there being competition in practically all classes. A large part of the exhibit was furnished by western Ontaric breeders, who won most of the awards. In Tamworths, Douglas & Harvey, of Freisburg, were prominent. In Yorkshires Fetherston and Harvey, and in Chesters, De Courcey and M. W. Miller, of Brome Centre, did well. part of the exhibit was furnished by Mr. Miller, a new exhibitor, showed up preminently. Paul Sylvester and Harvey also showed in this class. The prizes were placed by Mr. Jones. of Zenda

MACHINERY EXHIBITS

The large new machinery building was fairly well filled with exhibits. A popular exhibit was that of hibits. A popular exhibit was the the milking machine, demonstrations of which were given in the cattle stables. The machinery building not stables. being quite completed, was rocfed in part by canvas.

One of the chief defects the Ottawa

fair suffers from is its lack of railway accommodation. Until the management succeeds in having a spur line run out to the grounds, it cannot expect to have the exhibit that it otherwise would. Everything considered the exhibition was a success, and showed distinct advances in a numschibit of Ayrshires was the largest showed distinct advances in a num-and best ever made at an exhibition ber of departments over former years.

Issued Each We

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Different Cond One to

yHY is a regu farmer sort. We do n the same land make, however follow any defi

Crop rotation as the growin perops in a reg so that the gr make good us able plant food the soil in suc better crops year after year

There are no rules that can why any part should be follo every farm. must work out tion to suit 1 The lay of the of soil, its fer from weeds an crop to be gro take into cons deciding on a order to study tion most suital ticular case, it study the prin tion and then our case.

A FOUNDATION While all far made up of the elements, the which they use is different. knowledge of se nevertheless, bee fertile soil must mit any crop to substances are phosphorus, mag ably chlorine. L absent from the fail to develop u are potassium, r must be in avail plant life. The quired by differe of oats, turnips, the soil the follow

"Mr. Northcott's f No. 3 in the first Farms Competition Mr. Northcott's reideas on crop rotat of the year, when to plan for fall plo

Issued Each Week

Only \$1.00 a Year

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FOR WEEK ENDING SEPTEMBER 19, 1912.

No. 38

A SUCCESSFUL FARMER'S VIEWS ON CROP ROTATION. HIS PRACTICE.*

S. A. No. cott, Ontario Co., Ont.

Different Conditions Require Different Rotations. A Knowledge of the Principles of Rotation will Enable
One to Select the Right Rotation. An Exposition of these Principles. What Mr. Northcott
Does on his Own Farm.

HY is it that more farmers do not follow a regular rotation of crops? Most of us farmers follow a change of creps of some sort. We do not as a rule grow the same crop on the same land year after year. The change we make, however, is not as a rule made in order to follow any definite pian or rotation.

Crop rotation may be defined as the growing of profitable agross in a regular succession so that the growing crop will make good use of the available plant food and still leave the soil in such a shape that better crops may be grown year after year.

There are no hard and fast rules that can be laid down why any particular rotation should be followed on any or every farm. Each farmer must work out his own rotation to suit his own farm. The lay of the land, the kind of soil, its fertility, freedom from weeds and the kind of crop to be grown we have to take into consideration when deciding on a rotation. In order to study out the rotation most suitable in any particular case, it is advisable to study the principles of rotation and then apply them to our case.

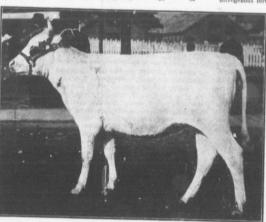
A FOUNDATION PRINCIPLE

While all farm creps are made up of the same chemical elements, the proportion in which they use these elements is different. Our chemical

knowledge of soils is very incomplete. It has, nevertheless, been thoroughly established that a fertile soil must contain extrain substances to permit any crop to come to maturity upon it; these substances are potassium, calcium, nitrogen, pheephorus, magnesium, sulphur, iron and probably chlorine. Let any one of these elements be absent from the soil (or its moisture) and crcps fail to develop upon it. The three chief elements are potassium, nitrogen and pheephorus. These must be in available forms, so as to be of use to plant life. The proportion of these elements required by different crops varies widely. A crop of oats, turnips, potatoes and corn will take from the soil the following weights of these elements:

Mr. Northeott's farm secured second place in District No. 3 in the first year of the Interpretational Price and Competition conducted by Farm and Dairy, which the product of the product of the product of the product of the pear, whenche will be of value at this season of the year, when the product of the





A Grand Good One—First in a Strong Class at the Recent Canadian National Exhibition Spiry Lass—35,59s—(Aug. 26, 1916), bred by Alex. Hume & Co., Menic, Ont., and exhibited by Porar Iol, out of milk. Her size "sheep she captured first in the class for Arrshire heifer, I the camera "clicked," unfortunately Mr. Hume had his hands a half lighthand Lass—24,203. As in palnting out the hands the arrite rather marred the striking beauty of this animal. Note ones bred by Alex. Hume And Captul and constitution. She is but one of many top-notch good ones bred by Alex. Hume And Dairy.

As the different crops differ in their chemical composition it is necessary, if the best results are to be obtained, to apply a fertilizer that will meet the needs of the crop to be grown. For instance, a large application of barnyard manure applied to a field of oats would likely cause an excessive growth of straw at the expense of the kernel. If we had made the same application to a root or corn crop the yield in these crops would have been satisfactory and the land left in good shape for a crop of oats the following year.

The range of rcots and the power of assimilating plant food differs in different crops. The coreal crops are generally shallow rooted. Corn roots, clover, etc., are deep feeders; hence a surface feeding crop may follow deep feeders without deep cultivation. In fact plowing root land is often a bad policy as it turns up weed seeds to grow in the following crop.

The most important point in the rotation is the

frequent growing of leguminous crops, especially clovers. If, for example, we are growing cereals continuously the soil will become deficient in humus and nitrogen. Clovers supply humus and nitrogen.

Nitregen is the most expensive element required for plants, and also the hardest to retain in the soil; but clovers, by means of the bacteria on the roots, obtain the most of their nitrogen from the air. They not only use this nitrogen for developing the clover plant, but nitrogen is stored up in the roots and becomes available for the crop to follow. Clovers, therefore, do not need nitrogenous fertilizers.

Some cereal crops are easier feeders than others. Oats and rye are able to obtain a good growth where wheat would starve.

DISTRIBUTE THE WORK

A third principle in planning our rotation is the difference in the length of time it takes different crops to come to maturity. economical in fertility and labor we want a variety of crops. Spring grains mature in a short time, root and corn ercps later in the season and hay and clover fills in the remainder of the growing season. Rotation as a means of destroying weeds, fungi and destructive insects must be considered. Weeds are a curse to the farming community. But where regular cultivation is not followed and they cause cultivation to crops which would not otherwise be given they are a decided benefit. Hoed crops need cultivation. Where these crops are grown we have a good chance to clean the land without a summer fallow

Fungus diseases, such at potato scab and those causing rot, will live in the ground over winter and will be detrimental to that crop if grown on the same ground from year to year. Insects, such as white grube and wire werms, which live in the ground, are killed by being interfered with through a regular rotation.

LARGER CROPS EASILY POSSIBLE

Rotation will take from a field a wider range of a ingredients. For example, we generally get a good erop of grain after petates or clover. The cereals need a good deal of nitrogen and phosphoric acid. The potatoes only use a small percentage of these ingredients, while the clevers use a large amount of nitrogen, but they obtain she most of this from the air.

Rotation reduces the risk of the farming business. When a rotation is followed we not only get larger crops, but should a season be unfavorable for any particular crop, it will be favorable

for something else. Last year, for instance, was an off year for grain, but our corn did well. HELPS SOLVE THE LABOR PROBLEM

Rotation will enable a farmer to distribute his work more economically. One crop following another gives us time to attend to each in their

Alfalfa is one of the most important crops that we can grow on our farm, yet it interferes somewhat with a rotation. This crop we cannot do without, and in our own experience with this crop we have left the alfalfa field out of the rotation altogether and divided the rest of our farm for a three-year rotation:

First year-Hoed crops: Corn. rocts. potatoes. * etc., with barnyard manure applied; remainder of section in pasture. Second year-Grain and seeded down to clover and timothy. Third year -Hay.

WHY A THREE-YEAR ROTATION

This rotation may be shorter that is wanted in some cases, but we wanted to keep some perennial weeds under control without summer fallow. We also wanted all the clover we could get, and therefore adopted the three-year rotation.

A four-year rotation is also a good one: First year-Roots, potatoes, corn, etc., filling in the section with peas, rape and sc forth. Man-

ure applied to this section. Second year--Grain and seeded down. Third year-Hay, mostly clover. Fourth year-Hay and pasture.

RIGHT BY SCIENCE

Either of these rotations are in accordance with the principles of rotation. The manure is applied to the corn and root crops. The land is cultivated, kept clean and put in good shape for the grain to follow the next year. The roct crops being deep feeders are followed by cereals which are shallow feeders. Then we have the clover crop, which obtains a portion of its food and moisture from both subsoil and surface soil and nitrogen from the air. Clovers also store up plant feod to be used by following crop.

Why Milk Cows for Fun?

E. F. Eaton, Colchester Co., Ont.

"Two-thirds of the farmers who own cows are milking them for fun. They realize no profit on the feed consumed; to say nothing of the work involved in care and milking. But that is not the the worst of it. One-half of this number who are simply milking their cows for fun, are actually paying the cows for the fun they are having. Some of us do get a great deal of pleasure out of milking cows, provided they are making a profit, but when it comes to a turning of the tables we fail to see the joke. There is a deal of satisfaction and incidentally considerable pro-

fit in knowing exactly who is paying the bills." The foregoing paragraph refers to United States conditions. It is the way in which the Farmers' Review of Chicago comments on a statement, the currency of which is vouched for by Prof. Van Pelt of Iowa, one of the greatest dairy experts in the United States, that twothirds of the cows in the country to the south



Forty Pounds of Milk at a Milking

How would you like to get some 40 hs. of milk at one suiking from a cow that had been fresh for several souths? That is what this Holstein cow gave in the low ring at the Otlawa Exhibition hast week. She is how ring at the Otlawa Exhibition hast week. She is the world of the Company of the Company of Brock-like of the Company of the Company of Brock-rith a heaping pail of milk after he had milked her at at the judge's request. Last July she produced 27 so butter in a week. She won second at Ottawa, here there were those who thought she should have be. Discontinuous who thousand the where there were those who thousand the whole who the whole who the week and the whole who the whole whole who the whole

of us do not pay their way. We have just as good authorities in Canada as Prof. Van Pelt, and the tell us just the same story. The estimates given by Mr. Chas. F. Whitley, for instance, after wide investigations, show that conditions in Canada are approximately the same as those in the United States referred to in such a sarcastic manner by the Farmers' Review. I have a few figures of my own on the subject. Here is the way I figure profits from our own average Canadian bossy:

EXPENSES FOR ONE AVERAGE COW 1 ton of hay\$10.00 1 ton of straw 4.00 1 summer's pasture 4.00 2 tons ensilage 4.00 121 hours' milking 12.10 Total\$34.10 RECEIPTS

Profit \$2.10 Say, it must be fun to milk a cow like that!



The First Prize Holstein Herd at the Ottawa Exhibition Last Week

This illustration, secured from a small kodak on a dark afternoon, does not do this herd justice. It is owned by G. Orand by G

Those figures that I have given may be subject to criticism. They are not drawn from my own experience. No, thank you. As long as I have to earn my daily bread by milking cows, I intend to avoid cows of that description. 1 did base my estimate, however, from information that I had got from some poor unfortunates living near me who always remark when they see my cheese cheques, "Oh, yes, but then you The incidental receipts from the cows, such as the value of the calf manure and of the whey returned from the factory, I have balanced by the cost of labor for feeding the cows, cleaning gut the stables, etc., and the value of the sma hiamount of grain that may be fed.

MORE TO TELL But I have not given the whole story yet. In that average of 3,200 lbs. a cow there are thousands of herds in Canada that go away above that average. There are some herds that produce 10,000 and 12,000 lbs. of milk for each cow. and more still that produce 6,000 and 7,000 lbs a cow. That means that there are many herds from which the average yearly income cannot be more than \$20 or \$25. How many cows of that description would a man have to keep to land him in the poorhouse in five years, providing he started with a good farm and a fairly

THE CHANCE FOR IMPROVEMENT

good bank account.

And yet the whole story is not told. If we would examine some of these poor herds, we would find some of the cows that were really making the tracks of the boarders. Dairying is a discouraging proposition as we find it on the average, but it is within the power of every one of us to improve our cows and our incomes, and the process is as easy as rolling off a log. Here it is. I have seen it tried, have tried it myself, and so can recommend it:

Buy a pair of hanging scales. Tack a piece of cardboard against the wall back of the cows. and attach to it a pencil tied with a string; do not forget the string, otherwise the pencil will be lacking occasionally, and the records will not be complete. At each milking as you step out from the cow hang the pail on to the scale for half a second, and jot down opposite the cow's number, and for that date of the month the weight of milk produced. Three or four times a month, take samples of your milk and then have it tested for butter fat. A couple of hours' work some night will show you then just which of your cows are worth keeping and which ones are expensive boarders. Then breed your best cows to a pure bred bull of a good milking strain, keep on breeding to good bulls of that breed, and a profitable dairy herd is assured. Likewise you will milk your cows with a whole lot more satisfaction than you ever did before.

Shoeing the Colt

J. Johnston, Bruce Co., Ont.

A few years ago we had a very fine mare ruined by a cruel blacksmith the first time it was shod. We left this colt, of which we were very proud, in the blacksmith's hands, and in our absence he used the whip to it. It never forgot that whipping, and I have since seen a good blacksmith wrestle with that mare for two hours to get on two new shoes. And the mare is now seven years old.

Only a man who is naturally kind should be a blacksmith; especially when it comes to shoeing an animal for the first time. We have learned wisdom since our first experience just related, and now if the colt objects to the blacksmith shop we have the blacksmith come and shoe it in its own stall. After this has been deus a couple of times there will be no further objections to the shoeing.

September

A Popu We also fine

out by handl before shoeing animal gets u when it come will not know such as these have kindly di

Anen I. P. I am an O trying to rent part of Devon cally everyone siders this a w ed to rent a f this advice by country longer it has already

At first this own section at rented for a le probably for se fertile section the farms that rented for a t run-down cond I believe tha

system of rent father had his could not be i years. We we everything out On the other ha fertility the firs as much as the be the same.

I find that fo leased for more the farm that four years is would I have to best I knew ho crease of rent a The leases th

filled with sma that are to be cultivation, etc. simpler to lease years and leave In that case he



A Popular Pack for Dressed Poultry
The style of packing here illustrated is the standand, stayle of packing here illustrated is the standand, stayle of the standard stayle in the standard feet
are up; in the top layer, down. All heads are
trees the layers multi paper, and there is paper between the layers multipaper, and the paper layers
factory to poultry dealers, and is becoming more
popular among the best class of producers.

We also find that we can help the blacksmith out by handling and tapping the colt's hoofs before shoeing is ever taken up in earnest. The animal gets used to having its feet handled, and when it comes to actually putting on the shoes will not know the difference. A few precautions such as these are well worth while if we would have kindly dispositioned and easily shod horses.

Anent Systems of Renting I. P. Willing, York Co., Ont.

I am an Old Countryman, and I have been trying to rent a farm in this country. In that part of Devonshire from which I come, practically everyone lives on rented farms and considers this a wise thing to do. But when I started to rent a farm here I was continually given this advice by my friends, who have been in the

it has already been rented too long."

At first this expression puzzled me. In our own section at home the whole country had been rented for a 100 years at least, and parts of it probably for several hundred years; and a more fertile section I do not know of anywhere. But the farms that I inspected here that had been rented for a time were almost invariably in a run-down condition.

country longer than I: "Don't take that farm;

I believe that the weak point in the Canadian system of renting is the short time lease. My afather had his farm on a 90 year lease, and rent could not be increased until the end of the 90 years. We were, therefore, certain of get-ing everything out of the farm that we put into it. On the other hand, if we skinned the farm of its fertility the first few years, we would suffer quite as much as the landlord, as the rent would still be the same.

I find that few farms in this country can be leased for more than one year at a time, and the farm that can be obtained for a period of four years is rare indeed. What inducement would have to buy fertilizers and till a farm the best I knew how when it would lead to an increase of rent at the end of the first year?

The leases that a man can take out here are filled with small stipulations as to the crops that are to be sold from the farm, methods of cultivation, etc., etc. Would it not be much simpler to lease a farm for a period of 16 or 20 years and leave the management to the tenant? In that case he would do his best. Of course I

realize that in Canada land values are increasing rapidly, and it might be necessary to make arrangements whereby rent would increase as the land values of the section increased. That would not interfere with good farming.

It will probably be a long time before Canadians who have farms to rent will be willing to follow the Old Country system, but in the meantime I fear that many farms will be robbed of their greatest asset—the fertility of the soil. I have bought a farm rather than rent on the short lease system.

Why a Country Life? L. K. Shaw, Welland Co., Ont.

Two weeks ago I was passing through Toronto, and while the train stayed on the tracks in the Union Station for 30 minutes or so, the car cleaner got busy. He was a capable, energetic man. The way he wielded the broom and dustpan made me wish that I had him down on the farm wielding the hay fork. As he was dusting the window ledge next my seat, I got into conversation with him. He informed me that he worked from six o'clock at night to six o'clock in the morning, 12 hours a day, and seven days in the week. He had had one holiday in six months.

He was a man in the prime of life, and looked as if he might have come from the country. I began to think of some of the boys at home who were dissatisfied with the country life, and planning to get away to the city at the first opportunity. These boy: for the most part know no trade and have only a common school education. What could they do in the city? Theirs would be the most menial of tasks, as carting goods, digging in the ditch, or, like my friend the car cleaner, cleaning cars for some big corporation. I would like to ask some of these discontented young fellows if they would like to clean cars from six o'clock at night until six o'clock in the morning, seven days in the week, and never get a holiday?

Would they prefer to hear the factory whistle to hearing the birds singing?

Would they like to substitute the pure air of the blue sky to the smoky atmosphere that always characterizes the city?

The time will come when they will have families of tieir own. Would they prefer to have their children playing in the city streets and learning the vices of the city to playing in the pure open of the country and enjoying the beauties of nature?

Would they like to exchange the independence of farm life for the dependence of city life where every man must jump at the tick of the clock and the order of the superintendent

These are a few of the posers that I have for the boys when I get back home.

Management of my Dairy Herd

John Brown, Chateauguay Co., Que.

My herd consists of registered and grade Ayrshire cattle. The method that I have followed for a number of years in feeding my dairy cattle is as follows:

The roughage consists of ensilage, clover hay (when that crop is not a failure), straw, and roots. By another season I hope to be able to include alfalfa in the bill of fare, as I have seeded down six acres and have succeeded in getting a splendid catch.

The straw is cut up fine, as I do my own threshing. I run the corn blower with the thresher. As the straw leaves the machine it drops on the travelling table of the blower, where it is chopped up and blown into the mow, thereby saving labor in handling and space in storing in the mow. In feeding, the cut straw is mixed with ensilage and fed twice daily.

HOME-GROWN GRAINS

The grain ration consists of whole grain chop, a mixture of peas, oats, wheat, and barley, grown as a mixture and home ground by gasoline power.

These combined with bran an dcotton seed meal constitute the meal ration. I mix them in the following proportions: 200 lbs. bran, 200 lbs. chop, and 30 lbs. cotton seed meal.

My practice in feeding the individual dairy cow is to give one pound of meal to each three or four pounds of milk she produces, but I believe that no fast rule can be laid down as to the exact quantity for the individual cow. A great deal depends on the insight and good judgment of the feeder, for some cows may respond with a profit to heavy feeding while on the other hand others will produce as much on lighter feeding. I feed the meal ration twice a day along with ensilage and straw.

Another feature that is essential to best success with the dairy herd is to see that the cows have access to pure water at all times. The cows should also be housed in a light, warm and well ventilated stable.

Change to Stables.—Commonly speaking, the change to the stables begins by keeping the cows in at night. The milk-giving function of cows is easily influenced adversely by cold, and if they are kept out during cold nights there will be a shrinking in the milk yield. If the shrinkage is allowed to go on for any length of time, it generally stays down and is just that much helow what it might have been during the rest of the lactation period. As soon as the cows are out into winter quarters the feeding of concentrates should begin, if they have not begun already.—D. D. Gray, Farm Foreman, C.E.F., Ottawa.



The Senior Yearling Ayrshire Heijers at the Ottawa Exhibition

The exhibit of Ayrshire eatile at the Dominion Exhicition, held in Ottawa last week, is believed to have been the largue as the over shown at an exhibition in Canada. Almost without exception the animals were grand individuals, and the over the o

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Peterboro. Ont.

I will try to secure 9 new subscriptions for sample option. Receipts and order blanks.

AYRSHIRES AT THE DOMINION EXHIBITION, OTTAWA

Ayrshires made a grand showing at | rib, a grand udder, well placed teats the Dominion Exhibition in Ottawa last week. The competition was keen sent to McArthur's Queen 3rd of in almost all classes, in some cases as Elmshade, a cow possessing excellent many as 16 animals lining up before Ayrshire type, but lacking slightly in the judge. As the steck was brought isse. This animal, never shown beout in grand show form and gener-fore, has a good middle and excellent ally was most uniform in character, teats. McFarlane was fourth with the judge, Geo. McCormick, of Rock-Lady Mary of Kelse and Owen's too. frequently had his work cut cut if fith. in almost all classes, in some cases as many as 16 animals lining up before the judge. As the steek was brought the judge. As the steek was brought out in grand show form and generally was most uniform in character, the judge, Geo. McCormick, of Rockton, frequently had his work cut cut for him. Nevertheless, his decisions gave general satisfaction, as but little complaint was heard.

complaint was neard.

So strong was the competition and
so high the quality of the stock shown,
including as it did many imported
animals, leading exhibitors stated
that they believed the display of Ayrthat they believed the display a shires surpassed any previous exhibit made in Canada. The principal awards were taken by R. R. Ness, of awards were taken by R. R. Ness, of Howick, with the same animals that he showed the week before in Toronto, although he met with keener competi-tion, suid the prize money in mest classes was well divided. The cham-pionship for bull, female and herd all went to Ness.

In the aged cow class eight beautiful matrons were brought out. favored white, the popular coloring, while feur showed more of the red while feur showed more of the red marking that was the style a few years ago, and which still has many admirers. Auchenbrain Fannie 9th, the grand champion at Toronto, shown by Ness, again captured this award. Her stable mate, Finlayson Maggie, as almost ideal type of Ayri-shire cow, 'that won first in the dry cow class at Toronto, was second, she having freshened in the meantime. Although such an authority as Prof. J. Van Pelt, of Iowa, pronounced Auchenbrain Fanny the finest Ayr-Auchenbrain Fanny the finest Ayr-shire cow he had ever seen, there are many Ayrshire breeders who would prefer Finlayson Maggie. At Ottawa she was not showing to the best ad-vantage, but her beautiful dairy lines, depth and grand udder were much admired.

Senator Owens, of Montebello, won third with Topsy. This cow showed plenty of constitution, and was swinging a great udder. She was second in the dry cow class at Sherbrocke. Ness came fourth with Sherbrocke. Ness came fourth with White Beauty, and McArthur fifth with the five-year-old Barcheskie Lily. In the three-year-old cow class, five good ones were produced. Ness again

good ones were produced. Ness again captured the first award this time with Beuchan Spottie. This animal is almost all white, and carried an almost perfect udder, extending well to the front and roar, and provided with feur good teats set well apart. She had a broad square quarter, and deserred the decision. Gordon was second with

Gordon was second with Lockfergus Daisy, an animal never shown before. She had dairy type and a good con-stitution. McArthur's Cherrybank Milkmaid was placed third. Thas grand little animal won first at Sher-brocke and all over the west, except-ing Edmonton. She calved last ing Edmonton. She calved last December, and, therefore, was not at her best, or might have stood higher. D. M. Watt, of Salem Station, won fourth with Aucheltree Mill Dairy, a sweet cow, straight in her top and under lines that carried a good udder and well placed teats for her age, and possessed well developed milk veins. Fifth prize went to D. A. MacFarlane, of Kelso, on Beauty of Kelso.

A STRONG CLASS

Five good ones came out in the Canadian bred class for feur-year-olds or over. Floss, owned by Gorden, and never before shown, was placed first. She is white in color, deep, straight and well veined, and has a good udder. Watta, Pearl of Kelso, came next. She has a well sprung

The two-year-olds in milk provided The two-year-olds in mass provided a strong class. Ness was first with Barcheski Loch Fergus Clip, a heifer possessing beautiful lines and great length for her age. Second place went to the same herd on Burnside went to the same herd on price winger a second place. went to the same nerd on purpose Dorothy, the second prize winner also at Toronto. She is much the same type as Loch Fergus Clip, but not so straight in her lines. Gordon took third with Whities Lass, a young and third with Whities Lass, a young and the second property of th third with Whites Lass, a young animal carrying a capacious udder and showing plenty of constitution and a nice handler. Owens won fourth with Ada of Riverside. BULL CLASSES

Only three aged bulls were shown.
Auchentrain Good Gift, shown by
Gordon, preving the winner. He
showed length, depth and masculinity,
and has done well since purchased by Mr. Gordon at the Ormstown sale last Second went to Leessnessock Scottish Thistle, shown by D. 2. McFarlane, and third to Barcheskie Resedale, shown by Robt. Meharry,

of Russell

As was anticipated, Ness's Hobsland As was anticipated, Ness's Hobsland Masterpiece was an outstanding winner in the two-year-old class, and later won the championship for built of any age. This built has been illustrated and described in recent issues of Farm and Dairy. A real nice built, Whitehill Free Trader, shown by McArthur, was second. Senator Owess. Arthur, was second. Senator Owe get third and D. M. Watts fourth. DRY COW CLASS

A choice lot of nine cows came in the dry cow class. All were white but one, and much the same in con All were white formation throughout, being straight and long in the back, low dewn, broad and long in the back, low dewn, brown in the quarter and possessing almost without exception beautiful heads, well curved horns and true Ayrshire type. Gordon's Monkton Snowdrop was first, McFarlane's Stately of was nrst, McFariano's Stately of Kelse second, Watt's Barcheski Cin-derella third, Gordon's Pansy fourth and Gordon fifth.

THE HERDS

A fine sight was provided when the herds lined up before the judge. The first prize naturally had to go to Ness's \$20,000 herd, comprising as it did the champion bull, the first, second and fourth prize cows, and the first prize three-year-old. Gordon made a splendid showing with his first prize aged bull, first prize Canadian bred cow, first prize dry cow, second prize three-year-old heifer and third prize three-year-old heifer and third prize dry cow. McArthur was third, Watt fourth and McFarlane

Other awards were as follows: Yearling bull: 1st, Ness, Auchenbrain Seafcam; 2nd, Gordon, Holehouse White Feather (amp.); 3rd, Watts; 4th and 5th, Owens. Senior bull calves: 1st, Ness, Burn-

senior bull calves: lat, Ness, Burnside Nellie Sensier, the Toronto winner; 2nd, C. Pillar, Russell, Ont., Fliva King; 3rd, Gordon; 4th, McArthur; 5th, Owens. Thirteen animals were shown.

FEMALES.

Two-year-old heifer, dry: 1st, Gordon; 2nd, McArthur; 3rd, Ovens; 4th, Watts; 6th, McFarlane.
Heifer calf, under 12 months: 1st, McArthur; 2nd and 3rd, Gorden; 4th, Ness; 5th, McFarlane. Sixtee animals were shown.
Heifer calf, under six months: 1st,

(Concluded on page 9)

Septen

week in the mals are he Coquitlan, l ville, Ont. Moveable

Jas. D. H. The big parties stanching is to ong and v will not be

forwards or ing backway vented by h the cattle the stanchion ther, the sect enough to be Anoth them so ma drawn throug I have used

great satisfa style that I wide and 12 a trough in e moving this ground I sin distance eq of the pen enables them field to anoth

A Farme On our farr Giant water tone, pulper, box, planer, a apple toxes. cular saw for is on the adje rods from wh wheel runs ab minute. To g

ter of opening For many ye water wheel 16 everhead whee than other who having plenty power. Catalo water whe descriptions of to tell the pov according to the

The next qu me when I put the size require size of my whe diameter. A cement might iron. For 100 is be 47 pounds promounted an er water power.
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much as iron,



The Holstein Aged Cow Class at the Dominion Exhibition

The Holstein Aged Cow Class at the Dominion Exhibition
Nins fine cowe, including a number of high record animals, were shown least
week in the aged cow class at the Dominion Exhibition held in Ottawa. These animals are here illustrated. First prize Bonors went to the Colony Farm. Mt.
Coquitlan, B. C., and the second to an animal shown by \$\textit{\Lambda}\$ C. Hardy, of Brock-Photo by an editor of Farm and Dairy
ville, Out.

Jas. D. Holmes, Oxford Co., Ont. The big point in making portable cattle stanchions to be used in the fields is to have them sufficiently strong and well braced that the cattle will not be able to push them over forwards or to upset them by pull-ing backwards. This can be preing backwards. This can be pre-vented by having cross pieces under the cattle well braced to the stan-chions. If it is necessary to move the stanchions from one field to ano-ther, the section should be made short enough to be drawn through gates or bars. Another plan would be to have them so made that they might be drawn through endways on skids.

I have used movable pig pens with great satisfaction to myself. The great satisfaction to myself. The style that I use is six to seven feet wide and 12 to 18 feet long. I have a trough in each one attached to the inside to hold water and swill. In moving this pig pen on to fresh ground I simply pry them sideways a distance equivalent to the breadth of the pen. I have seen these pig pens also arranged on skids, which enables them to be drawn from one field to another.

A Farmer's Water Power

J. I. Graham, Grey Co., Ont. On our farm we are using a Little Giant water wheel to run the grindstone, pulper, fanning mill, cutting box, planer, and small circular saw. box. planer, and small circular saw. With the last two machines we make apple loxes. We have a large circular saw for store wood. The power is on the adjoining farm and is 200 rods from where I am living. This wheel runs about 2,000 revolutions a material. The store that the store is only materials.

wheel runs about 2,000 revolutions a minute. To get power is only a mat-ter of opening the gate. For many years I had an overhead water wheel 16 feet in diameter. An overhead wheel will give more power than other wheels for that head, but having plenty of head I wanted more power. Catalogues of manufacturers of water wheels generally contain descriptions of how to make a weir to tell the power according to the manufacturers according to the manufacturers are manufacturers.

AUTHO The next confronted e when I pur w wheel was the material for (sluice) and the size required a horizontal wheel four inches a diameter (the size of my wheel) manufacturers say the pipe should be 12 inches in diameter. A prefessor told me coment might do if reir orced with iron. For 100 feet head there should be 47 pounds pressure an inch. I be 47 pounds pressure an inch. consulted an engineer specialist on water power. He said the resinforching of cement would cost nearly as much as iron, but he thought eight lie in any way they like.

Moveable Stanchions and Pens or nine inches in diameter was large enough. Wheelmen would not guar-antee full efficiency under 12 inches. On a small stream a cement dam was easily made that would hold water to run the wheel for hours.

I bought my pipe to suit the wheelman (12 inches) at about 75 cents a foot, second hand. This second hand pipe can often be had at large machine shops in the cities. The top part of the penstock is made rement reinforced with wire, one part ement and one part sand and gravel. It is the perpendicular head that counts. I am promised 16 h.p. for 100 feet head. Where it is found desirable not to place a wheel low, a draught tube can be attached to the bottom of the wheel, and up to about 30 feet the wheel has the same power as above the wheel. The top of the as above the wheel. pipe must be screened.

Milking Made Easy Clarence L. Dauberman, Kaneville,

Ill. My father and I purchased our ma-chines in the fall of 1907, milking 20 cows at that time all of cur own rais-

The first year we had more or less trouble, but nothing serious. machine was new to us, and we mend-ed what trouble we had as we went along without calling experienced men to help us out.

I am miking 17 of these cows today. Here is proof that the machine does not ruin cows as some people think. I am milking 48 cows, now using three machines. We lost cows think. I am milking 48 cows, now using three machines. We lost cows when we milked by hand and we do now with the machines, but my honest opinion of it is we do not losee so many by use of the machines as by hand. Young heifers especially take to the machines very quickly, and milk out so dry that there is no need of strioning. need of stripping.

I have found machine milking bet-ter than hand milking in many ways. One is that it milks cleaner than the average milker. Another there are not so many sore teats. For instance: When cows are running in the corn stalks in the fall their teats are full of fine cracks, if examined closely. By hand milking the sores and cracks break open, but not with the machines.

I have noticed in the milk we
I have noticed in the milk we
use at the house that there is no sediment in the bottom of the pail as
there was with hand milking.
It takes a boy 17 years old and
myself one hour and a half to milk
48 cover agating vine.



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HORTICULTURE

Lasasasasasasasasasasasa Notes from an Exhibitor

Beni, Charters, Westmoreland Co.,
N. B.
I may be considered the pioneer I may be considered the pioneer fruit grower of this section of New Brunswick. From a small orchard of about 50 trees planted 25 years ago my acreage has grown till now I have 1,500 trees bearing.

I have been asked for a description of my orchard methods that enable

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watch the milk pail all up. No matter what you are feeding now, No matter what you are feeding now, Parmers Brand "will make more milk or the same amount of money. Try Write for prices in carload lots or a small lots. Ask for our valuable cooklet "Feed Pactat." Ontain much cooklet "Feed Pactat." On the most of the most on the work of the most of the mo THE BARTLETT COMPANY

Local Repro

weesessessessessessessessesses me to produce prize winning fruit. me to produce prize winning reals.

noted painter was once asked how he mixed his colors to produce such good mixed he replied, "With results, and he replied, "With brains." The same answer might be given to this query on the growing of apples. A man must give his best to produce prize fruit. Hard work and careful attention is the necessary

Pruning is a factor of first consider-ation. Some advocate pruning in the winter when the trees are dormant, and others in the symmer when the heat scars the wound. My own ex-perience is, that any time one sees a branch that should be removed, that is the best time to prune. I try to do the pruning while the limbs are

My method of cultivation is briefly this: Produce as much on the land as possible and manure so that the land will be a little better every year after the hoe crop is removed. The fruit is the principal crop and what-ever else is grown I aim to allow for ample plant food to guard against the 'crop of the plant of the plant of the plant of the plant food to guard against the DON'T ROB THE TREES trees suffering. Too much emphasis cannot be placed on having the land well drained, either naturally or ar-tificially. Other things being equal the more even the land is, the better

The picking of the fruit at the right season is another point I emphasize. The early varieties should be left till he early varieties should be left till ipp and gotten to the consumer in as attractive a condition as possible. Our New Brunswick fruit colors well and by picking at the right time our fruit excels that of the same variety shipped in from outside points.

DON'T HANDLE TOO SHOTH

In growing fancy fruit the apples should be handled as little as possible and always with the greatest of

In fruit growing the chief requ In fruit growing the case requis-ties to success are strict attention to business and good common sense methods, always remembering that in this as in every other branch of farm work that you must feed the land if it is to feed you. To produce land if it is to feed you. To produce prize fruit, one must in addition have competent and impartial judges at the fairs. Many are deterred from exhibiting by reason of the preference shown for fruit by friends of the judges who have been influential in having them (the judges) appointed.

Fruit in British Columbia

F. Carpenter, Victoria, B. C.

There are several outstanding rea-sons why British Columbia is grow-ing such high class fruit. In the main fruit growing sections the growers have to depend on the returns that they receive from their fruit for a living. It is largely on account of the fact that fruit is not a "side-

of the fact that fruit is not a "side-line that the fruit growers have been so successful. In selling their product they come in direct competition with the fruit from Hood River, Wenatchee, and other famous fruit growing sections of the United States. In order to remain in the business, they have to handle their orchards in such a manner so as to obtain the length of the such as the suc that profit is only obtained from an orchard where proper attention is given to the thinning of the fruit, pruning, cultivation and all the different practices which assist in maintaining an orchard which will produce this class of fruit. The natural adaptations of climate.

The natural adaptations of climate, soils, slopes, etc., in many of the fruit sections are especially favorable to the growing of fine orchards. In the irrigated sections the application of water was required, and a great amount of sunlight assists greatly in obtaining the color and size in the fault.

Most of the fruit in the main fruit growing districts is being handled through cooperative associations and fruit unions. This system plays an fruit unions. I his system plays an important part in securing a uniform grade of fruit and leeping the culls off the market. Extensive tracts of land are being planted out in fruit and are being planted out in fruit. and as long as present conditions exist, British Columbia should be able to maintain her reputation as on the best fruit growing districts

Orchard Needs Drainage

I have 40 apple trees that have been planted about 30 years, 24 feet apart cosh way. They have not been thrifty for the last two or three years, The bark at the roots of some is half dead and many limbs are dying. The defect seems to tart in the bark of the root. The orch-start in the bark of the root. The orchstart in the bark of the root. The orch and has been kept cultivated in the past until last year I left it in sod, but plow ed it in the fall. I usually plowed it is the trees every November. The soil is heavy clay. What do you think is the cause and what would you advise for the remedy? Do you think it is the woolly aphia?—C. W. F., Lincoln Co., Ont.

On heavy clay soils such effects as your enquiry describes are frequently due to lack of drainage. I have met with quite a large number of cases in which trees have been dying gradually and for which I could not find any other cause. Is your soil artificially under-drained, or is it naturally well drained If it is not then I should proceed to drain it. If the soil is fairly well drained I am at a loss to diagnose the case. I doubt On heavy clay soils such effects as loss to diagnose the case. I doubt if the woolly aphis is serious enough to affect the trees in this way.—Prof. J. W. Crow, O.A.C., Guelph, Ont.

Mr. P. J. Carey, well known to Ontario Fruit Growers, has been ap-pointed Chief Fruit Inspector for Western Ontario including Toronto. Mr. Carey is well known and popular and his appointment will be most satisfactory to fruit growers.

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POULTRY YARD 2. coosessessessessesses

Killing and Dressing Poultry

This is the opening of the fall and winter season. As a guide to shippers, the Urner-Barry Co. of New York have outlined in brief from the best methods to employ. Their advice—which applies as well in Canada as in the United States—is:

One of the most essential points in

One of the most essential points in dressing poultry so as to carry well is to get all the blood out of the body which can possibly be withdrawn. The manner of killing affects the flow of blood materially. All kinds should be killed by cutting through the roof of the meuth to the brain with a sharenointed line. But if the state of the control of the meuth to the brain with a sharenointed line. But if the sharenointed line. with a sharp-pointed knife. But if the fowl is "stuck" very hard and deep so as to cause instant death the blood will not flow freely and the fea-

fou Can't Cut Out A BOG SPAYIN PUFE ABSORBINE

will clean them of permanently, and you work the horse same time. Does not bottle, the horse same time. Does not bottle, the horse is also the bottle, the horse is a same time. Also ORBINE, JR., liminent for time discelse or jugment, Shangas three diamets, even consistent with the same time discelse or jugment, Shangas the diamet, cottres, went, Cysis, Alaya three diameters, which is the same time of the same time. The same time of the same time.

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weenessessessessesses | there will be set so as to be difficult of removal, especially if dry-picked.

The proper killing is an art that

requires practice and judgment, Just the right thrust of the knife will reach the brain and paralyze the fowl, re-lax all the muscles so the feathers may be afterward easily removed, may be afterward easily removed, and permit a free flow of blood be-fore the fowl is actually dead. Free bleeding is so important that too much care cannot be taken in ac-quiring just the right method of

quiring just the light skilling. In dressing great care should be taken to avoid cutting or bruising the flesh or breaking the bones. "Bumping" with the idea of driving the blood into the spinal column should not be permitted; it often breaks the back and almost always makes a bruise, which causes discoloration; moreover, it is entirely coloration; the positive is handled. unnecessary if the poultry is handled according to instructions.

DRY PICKING

Immediately after killing carefully and very cleanly remove the feathers, taking especial pains to avoid tearing the skin. When the dry picked poultry is to be packed dry for cold weather shipment it should be hung up head down in a cold place (but not cold enough to freeze), and left un-til thoroughly cold and dry. Any an-imal heat left in the body when packed, and any moisture on the skin, are sure to cause bad condition in a short

When the dry picked poultry is to be packed in ice for warm weather shipment it should be thrown into water of natural temperature, and left there for 15 to 20 minutes, then removed to ice water, where it should remain eight to 10 hours, when it will be ready to pack.

Ayrshires at Ottawa

Concluded from page 6) Ness: 2nd and 3rd. Gordon . Ness; 2nd and 3rd, vordon; 4sn, Owens; 5th, Geo. Tuttle, Metcalfe. Herd of one bull and four females under two years: 1st, Ness: 2nd, Gordon; 3rd, Owens.

Four animals, the get of one sire Four animals, the get of one sire lst McArthur; 2nd, Ness; 3rd, Gordon Two animals, either sex, the progeny of one cow: 1st, Owens; 2nd, Gordon.

Death of Robert Hunter

The Ayrshire interests of Canada suffered a severe loss in the death on August 27th, at his home at Maxville, Ont., of Robert Hunter. The late Mr. Hunter had been seriously ill for a number of years. It was this which led to the dispersion sale of his herd of cattle in June, 1911, when 117 head were sold at prices which constituted were sold at prices which constituted a world's record, and which have not

since been surpassed.

The late Mr. Hunter was 62 years of age. He is survived by his wife, five sons and two daughters. For many years he was a director of the Ayrshire breeders Association, and Ayrshire breeders Association, and only a few years ago was its president. One of his sons, David, is now in charge of a herd that he has gathered during the past year.

A small flock well cared for is away ahead of a big flock looking after itself

My judgment is entirely against the practice of eross breeding, though I am prepared to admit that it is Jam prepared to admit that it is better for us to keep to thoroughbred stock; by so doing, we will interest the young people more in the fowl, and there is an opportunity to breed with more purpose in view for the years to come.—L. H. Baldwin, York Co., Ont.

Horses at Dominion Exhibition In point of numbers horses at the Central Canada Exhibition, Ottawa.

vere never as strong before as this year, the occasion being the Dominion Exhibition. There was a marked increase in harness and saddle classes. Breeding classes were about up to the usual average. Clydesdales have been better at Ottawa, but Percherons never as strong before.

ons never as strong before.

The principal winner in the import, ed classes of Clydesdales was the Colony Farm from Mt. Coquitlam, B.C. Robert Ness & Son, of Howick, Que, was a close second. Smith & Richardson took about third place in the matter of winnings, their stuff being all newly imported and not in exhibition form. Adam Scarf, of Cumming's Bridge, Ont., got a second in one class, and a number of smaller exhibitors came into the money occasionally.

sionally.

The Canadian bred Clydesdale were
stronger than usual. W. H. Mancell,
of Fletcher, Ont., was the biggest
exhibitor in Canadian-breds. The championship went to Colony Farm on City Lady. D. Y. Boyd, Vars, Ont., had the champion Canadian stallion, Koyama, which has also won several times before at Ottawa. The grand champion imported Clydesdale stallion was Sir Spencer, a horse that has now appeared three or four times has now appeared three or gour times at Ottawa at the Fall and Winter Fairs, and is the delight of all horsemen who see him. The champion imported mare was Narissa, the \$5,000 mare, said to be the best mare in Scotland, and yow wound by the Col. Scotland, and now owned by the Colony Farm.
In the General Purpose

In the General Purpose classes there were lots of entries; the qual-ity, however, was not up to what has been seen at Ottawa in previous years. The agricultural classes were particularly strong.

Percherons never before made such Percherons never before made such a splendid showing at Ottawa. The classes were large, in one case there being 27 entries,—that of stallions three years old and upwards. The principal®-exhibitors were J. B. Hogate of Weston, Ont., Wim. Pears, Weston, Ont., Wim. Pears, Weston, Ont., E. Arnold, of Grenous, Company, J. E. Arnold, of Grenous, Company, J. E. Arnold, of Grenous, Company, J. E. Arnold, of Grenous, Company, Compa There were several other exhibitors. each having a few entries.

It would appear that the Percheron is bound to have his day in this coun-try. Any informed visitor at Ottawa try. Any informed visitor at Ottalian for this year could not help but sense a bigger and better day for the Percheron than has yet been in this country, and this day close at hand, the stock even the stock even the stock of t The progeny from the stock, even that on exhibition at Ottawa last week can not help but change to a con-siderable extent the complexion of the horses throughout Ontario and part of Quebec some two years or more hence.

A lot of the prizes in the Percheron A lot of the prizes in the American Classes were given by the American Percheron Society for animals regis-tered in their stud book. All of these special prizes went to Wm. Pears, who special prizes went to Wm. Pears, who is the only man with stock registered in that stud book. Hogate got the best of it in the mare. classes, although Pears had the champion mare, any age, on his yearling Lady Grey. A new importation of Belgians were shown by Paul Lefebvre, of

Chelsea Que. French Canadians made a farly re presentative showing, the principal exhibitors being P. L. Sylvester, Anselm Cabana, and Arsene Denis.

The showing of Hackneys has been better in other years, although many fine ones were out. There was keen fine ones were out. There was keen competition in the stallion class, the premier award going to that grand performer Brigham Radiant, now owned by the Colony Farm. T. B. Macauley, of Hudson Heights, Que., and the Colony Farm, were the lead-ing exhibitors and winners.

Qu'Appelle, Saskatchewan, Canada The best grain and dairy district in the North-West—cheap lands, 198,000 acres within 6 miles of Qu'Appelle, old established town on C. P. R. Main Line. 8,000 an acre upwards, easy terms. Write for information and illustrated pamphlet to Secretary—Qu'Appelle Pablicity Association, Qu'Appelle, Saak, who will gladly turnish all further details.

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An attractive offer for every hor without a vacuum cleaner. The King Edward Vacuum Clean hand power, is a little sanitary wonds i the lightest of all vacuum cleaners in the lightest of all vacuum cleaners because—I has the atrongest suction produce—I has the atrongest suction telefactoring the production of the production of the deciveness—strength and appearance onectiveness—strength and appearance
The King Edward Vacuum Cleaner
does away with the drudgery of spring
and fall house cleaning—keeps the home
in apple-pie-order every day in the year
without the fatigue to the house wife

OUR GUARANTEE

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AND RURAL HOME

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sian Holstein Cattle Breeders' Association.

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CIRCULATION STATEMENT
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We want the readers of Parm and Dairy to want the readers of Parm and Dairy to want the readers of Parm and Dairy to the part of the part OUR PROTECTIVE POLICY unsatisfactory trans-thereof, and within the date that the rom the date that the advertisement ppears, in order to take advantage of he guarantee. We do not undertake to djust trilling differences between readers nd responsible advertisers.

FARM AND DAIRY PETERBORO, ONT.

DUAL PURPOSE CATTLE AGAIN

"You cannot talk the dual purpose cow out of existence. There is such a cow, and she is the most profitable cow for the average farmer to-day." So writes a Farm and Dairy subscriber from the Eastern Townships of Quebec

With the first part of this proposition we agree. There is such a thing as a dual purpose cow; that is, a cow that will produce a fair quantity of milk and make good beef herself, and drop calves that will make still better beef. But these cows are hard to find and worth a lot of money when we do find them.

But with the second part of our friend's declaration we must disagree. There is a more profitable animal for the average farmer than the dual purpose cow, where dairying is carried

In a recent article in the Breeders' Gazette, a writer who favors the popularizing of dual purpose breeding has the following to say about the dual purpose cow as we ordinarily find her

"Sifting the problem down to its final and simplest analysis, we find that a dual purpose cow of such merit as may be obtained at a reasonable price should make enough butter to pay for her feed. Her calf is then a by-product, raised on the skimmed y-product

The profit then from the dual purpose cow must all be got from the calf. But should we be satisfied with this one profit? Why not make a profit on the cow as well? A fairly good dairy cow will produce 300 pounds of butter fat and return a profit over cost of feed of \$30 to \$35. If the milk is skimmed at home and only cream or butter shipped, our dairy cow will produce twice as much skim milk for the feeding of calves or hogs as will the dual purpose animal. If the calves are from good producing stock the females will be worth as much as two-year-olds on the market as will be the progeny of the dual purpose cow. That is, from the dairy cow we get two profits instead of one as with the two purpose animal.

WILL STAY ON THE FARM

"In education and scientific farming lies the hope of the nation." once said a great American.

Notice that "education" 'scientific farming' are mentioned in the same breath. If we would have scientific farmers we must educate them. And where can we start their education better than in the public schools of the country?

Too much of our education has been away from the farm rather than towards it. And we have positive proof that education can inspire children, both boys and girls, with a love for farm life.

In Wright county, Iowa, the boys and girls above the fourth grade in thirty-four grade schools were asked what they intended to do. One hundred and fifty-seven of the one hundred and seventy-four boys replied that they would have nothing to do with farming. One hundred and sixty-three of the one hundred and seventy-eight girls likewise voted against the farm.

Three years later, during which time instruction had been given in agriculture and home economics, the same question was asked of the pupils in the same schools. This time one hundred and sixty-two of the one hundred and seventy-four boys answered that they intended to become farmers, and one hundred and sixtyone of the one hundred and seventyeight girls were planning to remain on the farm. And these boys will make better farmers and the girls will make better farmers' wives because of their practical education.

The teaching of agriculture and domestic science in the public schools would be one of the biggest single moves that we could make to establish a race of scientific farmers in our land, and efficient and happy housekeepers in our homes.

A FARM BOY'S SUCCESS—AN APPRECIATION

Quite a few years ago a farm boy down in Nova Scotia got the idea that he would like to attend the Agricultural College. His father, for various reasons, opposed the idea; his mother favored it!

The outcome was that this boy launched cut for himself and on his "own hook" started in to get the education he so dearly wanted. He worked for farmers like an ordinary laborer, or hired man, driving a milk route and doing other farm work in order that he might earn the money wherewith to meet his expenses while at college.

It was to the Truro, Nova Scotia, Agricultural College that he went. The first year, as may be guessed of one so set in purpose, found him at examination time heading his class.

It was the same of his record the second year! He beat all comers in his examinations and topped the list in the Nova Scotia Agricultural College in the second and graduating year of his course at that institution.

Next he looked for new fields to explore. He had ambition to complete the course at Guelph, at the Ontario Agricultural College. After leaving the Nova Scotia institution he came to Ontario; and again in order to make money to meet his college expenses and to gain first-hand knowledge of Ontario farm conditions, he worked as a hired man, for a farmer in Oxford County, Ont., near Norwich, Ont., and also for one of Canada's most successful breeders and exhibitors of Holstein cattle.

His path during these years, naturally, was not a bed of roses. Anyone who has worked as a hired man on a farm will have some idea of that with which he had to contend. It was a valuable experience, however, and he accepted it as such.

With the approach of fall came the season of opening at the Ontario Agricultural College. There he entered for the third-year course. Determined student that he was, he led his year again.

Next holiday for the summer, he again hired to a farmer in Ontario, this time it being a breeder of pure bred Jersey cattle, who during the summer sent his herd on a Western tour of all the leading fairs as far as Calgary and Edmonton. This Nova Scotia farm boy, college boy and hired man, went with this herd as helper while exhibiting at the Western exhibitions.

The termination of this Western tour brought him to Ontario again. He there sought to earn some money at the Canadian National Exhibition. Toronto, soliciting subscriptions for Farm and Dairy and The Canadian Horticulturist. Again he made good. Unknown to him, his work was watched by the editor-in-chief of Farm and Dairy We liked his make up, ambition and push. We learned his record. When the fair was over we told him that if he would report to us on the completion of his fourth year at Guelph College we would endeavor to make an opening for him on our staff. He did so. Being in need of an associate editor, we secured his services as such.

In due time he came to Farm and Dairy. Shortly after the report reached us that he had been first man in his specialty, Agriculture, in his fourth and graduating year at College.

Nearly three years have passed since that time. He has had difficulties that appeared like mountains to overcome, but he has advanced until now for some time he has been the editor of this weekly farmers' paper, which means so much to you and to the many thousands of others who read Farm and Dairy, weekly.

This little history and appreciation is given at this time during his absence prompted by the fact that last week he, Frank Eaton Ellis, took to himself a wife, Myrtle, the only daughter of Mr. and Mrs. W. O. Morse, of Campbellville, Ont. For their honeymoon a journey has been made to the old home down at Truro, N. S.

You, as one of our Farm and Dairy people will, we feel sure, appreciate this brief history and join with us in wishing Mr. and Mrs. Ellis great joy and many years of happiness, a continuation of his success and the building up of a notable career amongst the people he loves,-the farmer people of this country.

INTO A RUT

"Well, what did you get out of it?" was recently asked of a business man who had taken a couple of weeks off to visit a big convention of business men where business problems were discussed and business ideas exchanged.

"I found that I was getting into a rut," said he. And he appeared to be highly satisfied. Once he had found that he was getting into a rut, the getting out of it was merely a matter of detail.

We farmers are very apt to get into

bing up against other men we do not realize that our methods are antiquated. Whole communities may get into a rut and stay there until some progressive man gets new ideas, starts to do things in a new way and thereby shows his neighbors the rut that they are in.

Farm and Dairy recently had a call from one of the most progressive farmers in Northumberland county, Ontario. At periods of the year when farm work is not pressing, this farmer will take two or three weeks off and travel around visiting other farming sections, and particularly a rut. Our lives are more or less the farms of men whom he knows are isolated. Not being constantly rub- making a big success of their busi-

ness. "Just to l he explained. Travelling is hired help is as it is often difficu home. There i which we can av set our paths. such as Farm an Bulletins, and In all help us to ge in agriculture, a expense. There reading farmer We may not be

Automatic nianos, automa various kinds h commonplace. BUT NO EVER BEEN AUTOMATIC SELL ITSELF

It always cos goods. Some me much more cost The most cos goods is perhap

and wait for pur The least exp tell the public a vertising.

The consume case stands advertising, since most invariably ing delivered at ultimate consum sibly otherwise the goods not

This idea is out in the case ward Vacuum C advertised in F Until recently th machine in any sold through de agents. The pr Following out

to him by Farm Geo. H. King, King Co., Ltd., mfgs, of these decided to chang ing, and to place Vacuum Cleane ers direct. His since been work oped and now he tical machine at \$16.00-A SAY DIRECTLY TO ER BECAUSE ING And in the c

Edward Vacuum VERTISING IS since Mr. King a to take his King Cleaner and use 10 days. You can bank

tising we permi umns of Farm an in your favor. ING TO YOU. to get out this p week, and keep able standard, v

"A Paper Fari

ness. "Just to keep out of the rut," | year to achieve the ideals that we set he explained.

Travelling is expensive. hired help is as scarce as it is to-day it is often difficult to get away from home. There is another manner in which we can avoid the ruts that beset our paths. Farm publications, such as Farm and Dairy, Agricultural Bulletins, and Institute speakers, will all help us to get the best and latest in agriculture, at comparatively little expense. There is no danger of the reading farmer getting into a rut. We may not be able in a day or a

XLV

Automatic guns, automatic pianos, automatic machinery of various kinds have become quite commonplace.

BUT NO ARTICLE HAS EVER BEEN MADE THAT IS AUTOMATIC ENOUGH TO SELL ITSELF

It always costs money to sell goods. Some means of selling are much more costly than others.

The most costly way of selling goods is perhaps to store them and wait for purchasers to come.

The least expensive way is to tell the public about them by advertising.

The consumer in nearly every case stands to profit from advertising, since advertising almost invariably insures goods being delivered at a lower cost to the ultimate consumer than can possibly otherwise be the case were the goods not advertised.

This idea is forcibly brought out in the case of the King Edward Vacuum Cleaner now being advertised in Farm and Dairy. Until recently this most necessary machine in any household, was sold through dealers and local agents. The price was \$20.00.

Following out a plan suggested to him by Farm and Dairy, Mr. Geo. H. King, of the Geo. H. King Co., Ltd., Woodstock, Ont., mfgs, of these vacuum cleaners, decided to change his plan of selling, and to place his King Edward Vacuum Cleaners with consumers direct. His selling plan has since been worked out and developed and now he offers this identical machine at a price of only \$16.00—A SAVING OF 20% DIRECTLY TO THE CONSUM-ER BECAUSE OF ADVERTIS-

And in the case of the King Edward Vacuum Cleaner, AD-VERTISING IS DOING MORE, since Mr. King actually allows you to take his King Edward Vacuum Cleaner and use it on free trial for 10 days.

You can bank on it that advertising we permit to use the columns of Farm and Dairy is always in your favor. It means A SAV-ING TO YOU, and it enables us to get out this paper for you each week, and keep it up to its enviable standard, where it is known

"A Paper Farmers Swear By"

for ourselves, but as long as we keep our ideals ahead of our practice we will follow a path free of the ruts that are followed by altogether too many of our farmers

The Western Fair at London

Several factors conspired to make the Western Fair at London this year less of a success from the stockman's standpoint than it has been many prestandpoint than it has been many pre-vious years. A long period of wet weather in which harvesting was im-possible was succeeded during the fair time by warm sunshiny weather, fair time by warm sunshiny weather, and many exhibitors usually on hand, preferred to stay at home and get their crops in. Ottawa, also, by virtue of having the Dominion Exhibition there this year, attracted a larger part of the Toronto exhibits to their exhibition. The slack crops of last season also had their influence in reseason also had their influence in reducing exhibits as many showing were not able to fit many animals on the feed they had on hand.

The fine weather, however, while reducing the number of exhibits in the live stock sections, was favorable to attendance, and record crowds passed the turn-stiles. A regrettable feature was the large increase in midway attractions. London has always gotten the reputation of conducting clean, educational, fair. It would be unfortunate were midway attractions to usurp the place of more useful attractions at this agricultural fair.

An exhibit worthy of more than An exhibit worthy of more than passing mention was that of the Hydro-Electric Power Commission. In this exhibit it was shown how two horse power electric energy could be made to do much of the farm work. Starting in the early morning on the dairy farm a two horse power motor will run an eight unit milking ma-chine. It will then turn the cream separator, churn the cream into but-ter and then run the butter maker. In addition it will keep a cold storage room down to a temperature of 36 degrees in which to store the butter once it is made. In the same exhibit were circular saw, a root pulper, a feed

a circular saw, a root pulper, a feed cutter and a pneumatic water supply, all run by the electric energy sup-plied in a two horse power contract. Nor are the men alone to benefit by the introduction of cheap elec-tric energy. Each day full course dinners were prepared on an electric stove and fireless cooker. The weekelectric iron, and a half horse power motor hitched to an automatic pump will give the farm housewife as good a water system as is found in any city residence. Asked as to the cost, it was stated that there is a fixed charge of \$20 to each farmer installing the or \$20 to each tarmer installing the power and \$30 for each additional horse power. In addition to all the operations enumerated this power cost will also light the farm buildings; and heat the house, too.

HORSES

The horse exhibit was a disappoint-Some nice Shires were shown by Porter Bros., Appleby, Ont., who got all the prize money for the breed. Hassard and McMichael had some nice Clydes out. Most of the other tries were by small breeders. M of the horses were hardly of quality that one would expect see at London Fair. Some good agricultural teams were a redeeming feature of the horse exhibit. Light horses included many excellent indiv-(Continued on page 17)

A breeder has simply got to keep his good animals as foundation stock. He may sell the young ones. If you let all pick your cows as they choose you will soon have left only the culls.

—J. W. Dimick, Woodcrest Farm, Ulater Co., N.Y.

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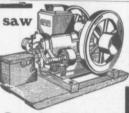
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You can have your choice of my richly bred Holsteins, and at your own price, on the day of my sale at Crampton, Thursday, Sept. 26th, when I will sell without reserve my 35 head of Holsteins at public auction.

The females in my herd are of very choice breeding. I mention some of them below. Look them up in your herd book and you will most assuredly want them in your herd.

Some of them are sired by Sara Hengerveld Korndyke; others by Pontiac Hermes DeKol. The remainder also are of choice breeding, as you may see from looking over my catalogue, sent you free on request.

SIR TOMMY EVERGREEN, a grandson of Evergreen March, 25,107.5 lbs. ik in one year, 1,053.85 lbs. butter in 365 days. This sire heads our herd.

Some of the cows are Sara Jane Korndyke, 19,748, a grand-daughter of Sara Javel Hengerveld 2rd, Diamond Netherland De Kol, 5475; Bylvia Sigus De Kol, 5676; Evangeline De Kol, 940; Sylvia Princess De Kol, 5676; Paral Netherland, 13,150; Sara Jewel Korndyke, 13,387; Dora De Kol, 13,707; Mountain Hengerveld Korndyke, 15,532; Daily Netherland De Kol, 15,531; Rolanbell De Kol Hermes, 13,706; Dessie De Kol Hermes, 13,706; Dessie

Full particulars and pedigrees given in catalogue. Write for your copy. TERMS-Cash or 6 months at 5 per cent.

Offering includes 19 of these cows giving milk, two 2-year-olds not milking, two yearling heifers, 2 bulls, 8 heifer calves, two bull calves—35 in all.

J. R. NEWELL, Proprietor, Crampton, Ont F. MERRIT MOORE, Auctioneer



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name. With other grinders two hands are necessary.

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serienced Man to take charge of dairy Must be good buttermaker. Apply to M. GILMOUR & SON,
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Return limit, Oct. 1st, 1912 Secure tickets and full particulars from Grand Trunk Agents.

Pasteurization Recommended*

B. F. Grundeen, Murdock, Minn. Pasteurization is of more importance to buttermaking than many of us have considered. I have found it a great help in improving the quality of butter. I know others differ from me in this. I have heard butter-makers say it does not pay, and they have gone back to old time methods of buttermaking. I have found that pasteurizing of cream helps to improve it wonderfully, especially hand separator cream.

Separator cream.

Where the cream comes in several days old and of different acidity and of different richness, and kept under different conditions, nothing better can be done to it than to first pascan be done to it than to first pas-teurize it because it will bring it back nearer to its normal condition. It will also check many off flavors that may have been developed, give it a better keeping quality, and also give it a better appearance. It will give the starter a cleaner field to work in, and thereby give better results.

But where cream comes in in A No. But where cream comes in in A No. I condition I believe none of us could improve it. The only thing we could do by pasteurization would be to give

to by pasteurization would be to give it a better keeping quality. We must be careful not to run the temperature up too high. On sweet cream it should not exceed 160 de-grees, but on sour cream there is No danger in going up to 180 degrees. We have gone up higher, but got a mealy butter and rather metallic flavor. So extreme temperature is not necessary.

You may not agree with me when I say pasteurize whether you use a starter or not. I have done this often and got good results from it, but have not used the temperature as high as when I used a starter. We all know when I used a starter. We all know that a starter can not do as much good in raw cream as it can in pasteurized cream, therefore we ought to try and do the best we know how, because we cannot afford to send trying to make it as good as we possibly can

Big Incubators for Creameries

The idea of the Mammoth incubator in connection with creameries and cheese factories is reported by Prof. F. C. Elford, now of the Canadian Incubator Co., of Toronto, to be a popular one. The officers and own-*Paper read before last N. C. B. A.

THIRD ANNUAL

TORONTO FAT STOCK SHOW

and Second Annual Exhibit

Union Stock Yards Poultry Breeders Association Union Stock Yards, Toronto

Tuesday and Wednesday, Dec. 10th and 11th -1912

GRADE, PURE BRED CATTLE, HOGS, SHEEP, POULTRY

Executive Committee

ROBERT MILLER, President PROF. GEO. E. DAY

MARTIN J. GARDHOUSE J. H. ASHCROFT, JR., Gen. Mgr.

For Premium List and Entry Blanks, address C. F. TOPPING, Union Stock Yards, TORONTO

Creamery Department

Butter makers are invited to send contributions to this department to butter making and to reggest subjects for discussion. Address letters to Creamery Department. Taylor, Dalmeny, Ont., who has a reamery of his own, and is installected to Creamery Department. for his patrons.

Dairy Produce at London

Exhibits of both butter and chees at London this year were about the average in quantity and of high uniaverage in quantity and of high unform quality. The butter was judged
by J. B. Muir of Ingersoll, and the
cheese by Ed. Harty. London; Wm.
Grey, Stratford; and Jas. Bristow, St.
Thomas. A point of note in the
cheese exhibit was the exceptionally
high quality of the June and July
cheese. The Donnelly family again
figured prominently in the winning.
It will be noted in the scores that
feellow that several competitors scored follow that several competitors scored equal in total score. In such cases the higher placing was given to the cheese heese scoring highest in flavor.
For the first time in the history of

the Western Fair, an exhibit of butter, the Western Fair, an exhibit of butter, a 56-pound box, scored the full 100 points. This wonderfully excellent cheese was made by J. H. Martin, of St. Jean, Que., who secured the highest scoring and most of the prize money at Toronto, this year. The awards in full follow:

CHEESE AWARDS

Factory colored cheese, made between August 1 and 16: 1, Jno. Outhbertson, Sebringville, Ont., 97 points; 2, C. J. Donnelly, Scottsville, Ont., 95.66; 3, H. E. Donnelly, Scottsville, 96.666; 4, F. E. East-man, Alkona, 95.666.

Factory white, ditto: 1, J. Cuthbertson, 7.33; 2, J. I. Donnelly, Sparta, 96.5; 3, Vm. Moise, Trowbridge, 96.5; 4, C. J.

Wm. Moise, Toubridge, %5; 4, C. 3.
Donnelly, 83.
Pactory colored cheese, two, one made in June, 10, C. J. Donnelly, \$3.
Pactory colored cheese, two, one made in June, 10, C. J. Donnelly, \$4.
St. E. F. Howes, Attwood, \$6.6; 3, C. A. Barber, \$9.6; 4, E. S. Phelips, \$6.1; 1, Pactory white cheese, ditto: 1, B. P. Howes, \$2.3, C. J. Donnelly, \$6.1; 3, C. West, \$4.
St. West, \$4. C. J. Donnelly, \$6.1; 3, C. Moury, \$5.6.
Butter Awards

Butter Awards

Creamery butter, package, not less than 50 lbs.: 1, J. H. Martin, St. Valentine, Que.; 2, J. H. Leclere, Foster, Que.; 3, J. B. Vincent, Racine, Que.; 4, Jno. Ander son, Renfrew, Ont.

Creamery butter, 1 lb. prints, 50 lbs.: 1, J. H. Leclere; 2, J. B. Vincent; 3, J. H. Martin; 4, H. W. Patrick, St. Thomas. Martin; 4, H. W. Patrick, St. Thomas.
Farm dairy butter, not less than 20 lbs.
1, Miss L. B. Gregory, Poplar Hill, Onts;
2, Mrs. C. S. Sitton, Scotzellie, Ont.; 3, J.
W. Robertson, Vanklock Hill, Ont.; 4, Mrs.
Wm. Armstrong; Brussels, Ont.
Farm dairy butter, 1 lb. rolls or prints:
1, Mrs. Wm. Armstrong; 2, Mr. S. H.
Prigh, Milverton; 3, Miss L. B. Gregory;
4, Mrs. G. Stutton.

Special prize, 1 lb. prints, not less than 10 lbs.: 1, Miss L. B. Gregory; 2, Mrs. Wm. Armstrong; 3, Mrs. J. B. King, Lam-beth; 4, Mrs. C. S. Sutton.

Dairy Exhibits at Ottawa

While the number of exhibits in the While the number of exhibits in the dairy department at the Dominion Exhibition held in Ottawa last week did not show an increase over former years, the quality of the exhibits was high. The cheese especially were was high. The cheese especially were a very even lot. The awards were placed by Supt. L. A. Zufelt, of the Kingston Dairy School, and Frank Singleton, Assistant Chief Dairy Instructor for Eastern Ontario.

Considerable interest was taken in the competition for the gold medal

Considerable interest was taken in the competition for the gold medal or \$20 offered by Edward Kidd, M. P., for the best factory cheese. This award went to Jas. A. Ferguson, of Caintown, Leeds Co., Ont. Dairy Instructor R. E. Elliott, of Carp, won the prize offered for the best showing made by the factories in any syndicate with S. S. Cheetham, of Gananoue. Second.

The province of Quebec maintain ed its reputation as a creamery sec-tion by capturing most of the awards for creamery butter. The winners in the different classes were as fol-

CHEESE

Best colored cheese made between August 1st and 15th: 1, J. D. Henderson, Smithfield, Ont., 96 14; 2, M. J. Livingston, Pembroke, Ont., 96 14; 3, B. Avery, Newry, Ont., 95; 4, C. Klockman, Alwood, Ont., 95 34; 5, D. Menzics, Listowel, Ont.,

.98 1-2.

Best white cheese made between August 1st and 15th: 1, Jas. A. Ferguson, Caintown, Ont., 96 54; 2, A. E. Walker, Douglas, Ont., 96 1-4; 3, J. D. Henderson, 9; 4, C. Klockman, 95.

Best white cheese made between June let and 15th 1, Jas. A. Ferguson, 9:12; Jos. D. Henderson, 9:14; A. Henderson, 9:14; M. Hamilton, Monkton, Ont., 39; 4. Ed. Carter, Gliesd, Ont., 5412; S. H. W. Hamilton, Monkton, Ont., 39; 4. Ed. Carter, Gliesd, Ont., 5412; S. Jos. D. Hartin, St. Valentine, Que., 95; 2.; J. H. Leelair, Foster, Que., 95; 12; S. Jhartin, St. Valentrew, Ont., 94; 14. J. H. Leelair, Foster, Que., 59; 14; 5. Jos. Anderson, Renfrew, Ont., 54; 14. J. Lapherse, St. Engelie, St. J. E. Martin, Lapherse, St. Engelie, St. J. E. Martin, Que., 59; 2.4, J. H. Leelair, 95; 12; Que., 59; 2.4, J. H. Leelair, 95; 12; Lee. Lee, Dequette, St. Hyacinthe, Que., 59; 2.4, J. H. Leelair, 95; 12; Lee. Lee Dequette, St. Hyacinthe, Que., 59; 2.4, J. H. Leelair, 95; 12; Lee. Lee Dequette, St. Hyacinthe, Que., 59; 12; 2.5. Hyacinthe, Que., 59; 12; 3.5. Hyacinthe, Que., 59; 12; 59; 12; 59; 12; 59; 12; 59; 12; 59; 12; 59; 12; 59; 12; 59; 12; 59; 12; 59; 12; 59; 12; 59; 12; 59; 12; 59; 12; 59; 1

.94 1-2.

DAIRY BUTTER
Best 2 tubs, 10 bs. each: 1, B. D. Young,
Middlesex Co., Ont., 96 1-2; 2, Mrs. Jaz.
Hurdman, Aylmer, Que., 95 1-2; 3, W. M.
McLellan, Wyman, Que., 95; 4, Department of Agriculture, 8 British Columbia,

Ten one-lb. prints: 1, Peter Dun Maple Ridge, Ont., .96 1-2; 2, Geo. Tuttle, Metcalfe, Ont., .95; 3, Mrs Wallace, North Gower, .94 1-2; 4, 1 Alex Meldrum, Wyman, Que., .94.

Butter Making Competition

The results of the butter making ompetition at the Western Fair, London, last week, were as follows:
Amateur Class—Ist, Miss N. Simpson, Atwood; 2nd, Miss N. Scott,
Vanneck; 3rd, Miss M. H. Stewart,

Hempstay. Free for All Class-Ist, Mrs. H.

Free for All Class—1st, Mrs. H. J. McEwan, Aisla Craig; 3nd, Miss N. Carrick, Roseville; 3rd, Miss L. B. Gregory, Poplar Hill; 4th, Mrs. W. Hill, Parkhill; 6th, Mrs. Alex. Simpson, Atwood; 6th, Miss M. A. Jayne, Cobourg.

Sweepstake Class—1st, Miss L. B. Gregory, Poplar Hill; 3nd, Mrs. Alex. Simpson, Atwood; 3rd, Mrs. W. Hill, Parkhill; 4th, Miss M. A. Jayne, Cobourg; 6th, Miss C. E. Jayne, Cobourg; 6th, Miss M. Patton, Newtonbrook

HAVE only a few shares left (\$100.00 at par) of one of the very best industrial issues on the market this yearto pay 20%. Issue closes Sept. 25th. Write to-day for prospectus and full details:

P. W. WARD 472 NELSON STREET OTTAWA, ONT.



September 1

Cheese Makers are i

questions on cheese making jects for discr to The Cheese *********

E. O. D. A. A meeting of

Ontario Dairym held in Toroute to the recent do of the Associaite ton, of Smith's president, Mr. Peterboro, presi to hold the ner Association in 19-10. Cornwall the convention a lieve that it wor wall in January, timated that it

following conve son, of Mountai condition. Mr.
Dairy, asked if it
idea for the As
annual exhibit of in connection wi is done by the Dairymen's Assethat the directors

NOTHING making tant than se

The flavo smoothnessand marke depend on the is salted, as

Makes Pr

It gives a flavor to th solves slowly curd-and m

keep as good Windsor cheapest in t it goes furthe

CALVES PAIDE TO

Steele, Brigge Seed

WAN COOD SECON

five hundred pour particulars. Box ? Peterboro, Ont.

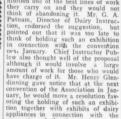
********************************** Cheese Department

Makers are invited to send contributions to this department, to ask questions on matters relating to cheese making and to suggest subjects for discussion. Address letters to The Ohese Maker? Department.

E. O. D. A. Executive Meet

A meeting of the Executive Com-mittee of the Directors of the Eastern ntario Dairymen's Association, was held in Toronto, Sept. 3rd. Owing to the recent death of the President to the recent death of the Fresident of the Association, Mr. J. H. Single-ton, of Smith's Falls, the First Vice-president, Mr. G. A. Gillespie, of Peterboro, presided. It was deciled Peterboro, presided. It was decided to hold the next convention of the Association in Kingston, January 8 9-10. Cornwall made application for 9-10. Cornwall made application for the convention and was given to be-lieve that it would be held in Corn-wall in January, 1914. Peterboro in-timated that it would apply for the following convention.
The treasurer, Mr. J.

A on, of Mountain View, reported the funds of the Association to be in good condition. Mr. Cowan, of Farm and Dairy, asked if it would not be a good Dairy, asked if it would not be a good idea for the Association to hold an annual exhibit of cheese and butter in connection with its convention, as is done by the Western Ontario Dairymen's Association. He stated is done by the Western Ontario Dairymen's Association. He stated that the directors of the Western As-



hibition one of the best lines of work

held in January, 1914.

Chief Instructor Publow reported Chief Instructor Publow reported that only one official prosecutor had been employed this year, Mr. Frank Brentnell, of Belleville, who had been paid 880 a month and expenses, and who started work on June 1st. Up to September 1st, only 17 cases of adul-terated milk had been reported, ...dlf the number reported during the same period last year. Of this number 10 had been settled out of court, fines of from \$20 to \$40 being imposed in each case. The other seven cases are pending.

nvention of the Association to be

DECREASED MAKE

Chief Instructor Publow reported that the prices paid for cheese this season have reached a higher average than ever before, and that the prospects for the future were bright. pects for the future were bright. The quality of the cheese made, owing largely to the cool weather that has prevailed, has been unusually good. On the other hand there has been a On the other hand there has been a falling off in make which he estimated amounted up to the first of August to 25 000 and possibly 30,000, ust to 25,000, and possibly 30,000, boxes of cheese. This he believed was due mainly to fewer cows being kept. There was a prospect that this shortage would be overcome by an increased make during the latter part of the season. The present make is large.

A resolution was carried allowing the secretary an additioanl year for office rent and clerical assistance, making the total amount re-ceived by him from the Association yearly \$400.

The president, secretary and chief instructor were authorized to set the dates for the annual district meeting.

The directors present included: Nel-

son Stone, Norham; James Sanderson, Kemptville; Joseph McGrath, Mount Chesney; George Leggatt, Newboro; John Hyatt, Westlake; J. A. Campbell, Ormond, and the secre-tary, T. A. Thompson, of Almonte.

The Case of Large Factories Wm. R. Sim, Hastings Co., Ont.

It does not cost so much to equip a large factory as it does a small when we take into consideration the difference in the make of cheese in say, a five cheese factory and a 15 a-day factory

Now which factory makes the best cheese, the small or large factory The large factory can afford to hire a more competent and skilful maker a more competent and skilful maker and therefore gets cheese of a better quality and more even in size and finish. In a small factory they can-not afford to give a salary large enough to get a competent maker; therefore they do not get as good a

sociation consider their annual ex-

The question of hauling milk a long distance to a large factory or down to a question of cooling. down to a question of cooling. Milk properly cooled and in a nice clean condition, such as some that comes to the Marmora Cheese Factory,— is drawn five miles and is just as good as the milk coming from the farm next the factory. The whole good as the mink coming from the farm next the factory. The whole thing depends upon the care of the milk and the cheese maker is the only man that can remedy that, as it all lies in his hands as regards the raw material.

Guarding the Patron's Intersts

Dr. C. A. Publow, P. E. Co., Ont. 12 I have made some study of the me-thods employed in the United States in connection with paying for mlik, in some of the Western States espein some of the western states cap-cially. It seems to me that paying for milk for cheesemaking is done to the best advantage of all concerned when the fat basis is employed. A law has been passed in some States law has been passed in some dialec-compelling all the factories to pay for the milk on the butter fat basis, whether the milk is made into cheese

or butter, or sold as milk.

For the benefit of those patrons who feel that they are not receiving treatment a law has been passed states that when the samples or milk are kept in a composite man-ner by the manager of the factory, duplicate samples must be kept. After the test has been made a Frt is posted showing every patron of the factory exactly the grade that is given or his milk.

One set of samples must be kept for three days after the test is made for three days after the test is made. If the patron is not satisfied he has the privilege of having his sample sealed in the presence of witnesses and sent to the Agricultural or Dairy School to be retested. If the maker has used dishonest or careless methods in making the test it is shown against him when the result of the test comes back from the place where it was sent to be retested

The Cheese Factory Picnic

Our cheese factories have not taken up with the picnic idea as generally as have our local creameries, even though, owing to the relatively small though, owing to the relatively small territory covered, they are really in a better position to conveniently bring about a round-up of their patrons. And from the cheese factory rons. And from the cheese ractory operators' point of view the good to be derived from an annual pleasure gathering of this kind is just as rel the creameryman's case. is a first-rate wedge toward more confidential relations with the milk supplies and those members of the milk supplier's family who have most to do with the handling of the milk while on the farm.

while on the rarm.

A cheese factory picnic need not be an expensive affair for the one responsible for it. A band and a free dinner are of course sure to be appreciated by the visitors, but when one or only a few are shouldering all the expense, neither of the above is absolutely necessary to a thoroughly enjoyable affair.

As to hints on carrying the picnic off pleasantly for everyone concern-ed, select a date when the outing can finish. In a small factory they cannot afford to give a salary large along to get a competent maker; therefore they do not get as good a quality of cheese.

In regard to the quality of the milk received at large and small factories it all depends upon the ability of the makers in the large factories and the, being a better judge of milk than beet makers in the large factories and the inferior maker, it must follow that the large factories as a rule get a transparence of the pattern of the makers in the large factories and the control of the makers in the large factories as a rule get a repermissible, when the audience better milk. That has been my ex-

perience in the 20 years I have made The Roofing that Needs No Painting

THE Amatite mineral surface will hold its own against the wather for a long time. You don't have to look over your Ama-tite Roofs to see whether they need painting every year or two.

The cost of paint, therefore, is done away with—all that trouble and nuisance and bother is gone. Simply lay your Amatite, nail it down, take away your ladder and forget that you have a roof.

A sample of Amatite will be A sample of America will be sent free on request, together with a handsome little booklet, giving details. Address our nearest office.

Creonoid Lies Destroyer Oreanold sprayed on cows keeps away flies. Use it before milking and cows will yield

Everjet Elastic Paint are money by using this black paint prever the color is no objection. Elastic, t-proof, durable. Use it for "rubber" durs and all ex-used iron and wood.

THE PATERSON MF6. CO., Limited MONTREAL TORONTO WINNIPEG VANCOUVER St. JOHNS, N.B. HALIFAX, N.S.

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DECEMBER 9th to 13th, 1912 Horses, Beef Cattle, Dairy Cattle Sheep, Swine, Seeds, Poultry

\$17,000.00 IN PRIZES

For Prize List, apply to A. P. WESTERVELT, Secretary Toronto, Ont.

NOTHING in cheese making is more important than salting the curd.

The flavor-even colorsmoothness-keeping quality and market price - all depend on the way the curd is salted, and on the salt

INDSOR

Makes Prize Cheese

It gives a smooth, rich flavor to the cheese dissolves slowly-stave in the curd-and makes the cheese keep as good cheese should.

Windsor Cheese Salt is cheapest in the end because it goes further. 720

CALVES RAISE THEM WITHOUT MILK Booklet Fros. Steele. Briggs Seed Co., Ltd., Toronto, Ont.

WANTED

COOD SECOND HAND CHURN, five hundred pound capacity. State particulars. Box T., Farm and Dairy, Peterboro, Ont.



TME cannot control the evil tongues of others, but a good life enables us to despise them. - Cato. . . .

The Best Laid Schemes

(New England Homestead) (Concluded from last week) Ma, still suffering his arm to re-main, gave him one brief look, and spoke with conviction: "Tad Jim-

"C LANG! CLANG!" The voice of the old knocker resounded valiantly all through the still The guilty pair actually "Do you suppose it's an-whispered Ma. house jumped.

other?" whispered Ma.
"Ef it is, the ghost is in fine fettle
to-night—listen!" Pa tiptoed to the
attic door, and opened it a crack. The
sound that tore down the stairway alsound that tore down the stairway ai-most made the old reprobate him-self flinch. Ma really did edge away and when Pa went to the door in re-sponse to a second impetuous sum-mons of the knocker, she accompan-

A tall, fine looking man stood smiling on the step. His motor car, with a lady therein, stood at the gate. "This place is still for sale, Mr. Turpy? It appears to be exactly what I want. I heard about it first from your son, with whom I recently had some dealings."

had some dealings."

The venerable plotters paled. Was their well-laid scheme to fail, after all? It was a serious-faced old couple that led the way into the sitting room. The stranger at once proceeded to talk business. Money was no

"Conscience doth make cowards of us all!" . The hitherto successful and fearless conspirators dared not marshal forth malaria, tramps, rattlers or ghost before this mysterious strang-er who knew John, and had talked with him since the "Fur Sale" sign was hoisted. They felt their nerveless fingers slipping from the dear old house, the precious orchards and gar-den, the well loved fields and woods. The rising east wind soughed drearily through the willows. Never before through the willows. Never before had it sounded so solemn, so hope-less. Suddenly a gust swept through the window, and with it the attic door burst open. Down the stairway swept a shriek, besides which the banshee's wail would have sounded like a sick kitten. The foiled plot-ters looked up with dull and apathetic eyes, but the stranger-was the man patchwork tidy and burst into a ring ing peal of laughter. Pa and Ma clasped hands and stared at him apclasped hands and stated at him-prehensively. Were they respon ble for unsettling the reason of fellow-being? Horrible thought! responsi rocked back and forth, laughing more rocked back and forth, laughing more and more irrepressibly. And, pre-sently, something in the blue eyes, was it a gleam of boyish mischief? stole the worriment from the two pairs

stole the worriment from the two pairs of eyes that watched him. First Pa, and then Ma joined in the laugh, not even dimly guessing why, but with a feeling that somehow, all was well. Presently all three straightened their faces, and wiped their eyes. Then the stranger did the amazing thing — he jumped from the chair, seized Pal's horny hand in a warm grip, and flung a muscular arm about Ma's substantial waist. "Guess who it is!" He shouted boyishly.

He shouted boyishly.

their scheme to outwit well-meaning John and Juliet.

"Well, Pa and Ma, they'll never hear of it from us (the guilty pair looked inexpressibly relieved), and say, we have the best scheme yet— Belle and I. We hatched it and polished it off as we came along to-night ashed it off as we came along to-night—after Belle caught on to your chi-canery! We'll buy the place, and you two can have as much of the dear old as you want, and we'll take the rest. And when we go for the win-ter we'll leave our housekeeper and her husband to keep you company. So John and Juliet will have their hearts set at rest, and all will go merry as the marriage bell. You can run ry as the marriage bell. You can run the farm to suit yourselves and fur-nish us cream and cabbages and stuff at cut throat prices—and we'll live

at cut throat prices—and we'll live happy ever after. Eh, Pa and Ma'" Ma smiled through tears that made the flame of the little old lamp look to her like the aurora barealis. Pa blew his nose sonorously. "You little scapegrace!" he quavered. Then turning to Ma: Mehitable Turpy, did ever two high-flying old scalawags ever get let down so casy before!"

... Of Age and Then

"This isn't Sunday. What are you dressed up for?" demanded the father

mber it.

Neat and Attractive, a Model of its Kind

A home doesn't need to 56 large to be handsome. The home of Jas. Terris, Dufferin Co., Ont., here illustrated, is a proof of this. Notice the effect of lawn and shrubbery in rendering this attractive home more attractive.

Ma) I had the luck that—well the kind I deserved, for some years. Then I struck it rich in Alaska—then I struck it richer still in California, where the finest girl in the world made the mistake of her life in falling in love with me and marrying me. has been pruning and training and educating me for the last five years, and her patience and enthusiasm are

son!"
"That's who, Ma! Glad to see me?

Eh? Glad to see your good-for-noth-ing? Bless your dear heart! Sit down, and let me tell you." Pa and Ma sank down together on

the calico-covered settle, looking and

You see, after I hooked Jack and

feeling a bit dazed

left that onion bed-(rem

still constantly on tap—bless her!
"I told her about you, and soon as
things fell out so that we could, we things fell out so that we could, we came east to look you up. Ran across John in New York, and learned that you had put the old place up for sale. Struck me that it would be a mighty nice place for a summer home for Belle and me and the kiddies; and besides. I was mighty glad to be able besides, I was mighty gaid to be able to offer you a gilt-edged price. Well, Belle and I came on down. Fell into conversation with folks along the road and learned about your malaria and rattlers and tramps and the ghost! I identified the ghost at once, but jim-iny crickets, Pa, it took Belle to catch on to the reasons why you and catch on to the reasons why you and Ma were working it now! And those other incumbrances, too! Ffurt your feelings to stay a while longer on the old place—eh, Ma? Guess [will go out and bring in Belle." With a parting pinch on Ma's cheek

With a parting pinch on Ma's cheek which had assumed its wonted pink, the returned prodigal strode out, to return immediately with a gracious beauty, who hugged and kissed both Pa and Ma impartially, in warmhearted western style, which so opened their hearts that they fairly poured forth the tale of their united perfidy—

when his bey came down without his work clothes on.

work clothes on.

"I'm going to the city on the next
train," calmly replied the son.

"No, ye ain't. Git into yer overalla and go milk the cows," demanded
the irate father.

"I'm of age to-day. You've bossed me for the last time and I leave for

a more congenial place. The parents were struck dumb with

the suddenness of the colleave mel"
the suddenness of the colleave mel"
thought the stricken mother,
"Brother going to the city—and my
"Brother going to the city—and my
"Brother going to the city—and my life will be hard younger brother.

"The rascal—to leave right at the beginning of harvest" muttered the angry father to himself. "If ye go ye'll walk to the station. I can't

ye'll waik to the station. I can't spare the team to-day," he said.
Of age—and leaving home. Why?
He never had been treated as a son should have been. He was not dealt with honestly and squarely by He was not his father.

He never had been given a dollar resulting from the sale of "his calves and pigs."

He never was consulted in matters

pertaining to farm management.

Not receiving the consideration accorded the hired man, and not receiving any compensating cash or favors, Joe had lived with only one ambition in his secret heart-to

Get away as soon as of age. That day had come and he was go-

the last affectionate pat to all the barnyard stock.

Dick, the old family horse, put his soft nose against Joe's cheek and seemed to say, "I'm sorry you're

going."

There by the well stood the big willow where as a bey he had "skinned the cat" on its overhanging limb—he had known happy days.

And the tears came to the deterand the tears came to the determined eyes at the recollection that now flooded his memory.

Mother knew — mother understood why he would not stay.

he'd give her life if she could bring father and son into a more friendly relationship—but father was auster was "sot in his way.

She sobbed as though she were bidding a final farewell to a boy going to war—nor had she even a trace of the patriotic spirit of sacrifice to comfort her.

The hired man batted his eyes to

keep back the tears—for he under-

The brothers and sisters crept away with heavy hearts. The father felt a strange lump in his threat—but he would never acknowledge that he pos-

would never acknowledge that he pos-sessed any sentiment.

It was sad, it was sad, and might have all been different had that fine young man been made to feel a per-

young man been made to reel a per-sonal interest in the farm.

When your boy is of age will be want to stay, or will he go?

Will he go because you have never given him a square deal—never shown

your love for him, never made home attractive enough to counteract the influence of the city? — Western Farmer. ...

"Thou Shalt not"-Worry

We have no conscience on the matof worry; we do not think of it ter of worry; we do not think of it as wrong; we never confess it wen as a failing, much less ask forgiveness of it as a sin. If the preacher were to say "Do not steal" or "Do not kill" we accept the word at once as of Divine authority. But if the preach-er should say "Do not worry" there springs up instantly a sense of resenment. Everybody knows are counsel feeling that meets such counsel "Ah! It is all very well for you to talk," as if the authority were that of the preacher only, and not of the Master Himself. Who is not familiar with the angry mutter: "Let anywith the angry mutter: "Let any ont Everybody knows the kind of with the angry mutter: "Let any-body live where I live, and put up with the things that I have got to endure!" That settles the matter is endure!" Inat settles the matter is the opinion of a great many. But mark from Whom this word comes, "I say unto you"—with Him this matter must be settled, the Lord and Judge of all men.—Mark Guy Pearse.

Cocoanut matting may be cleaned with a large coarse cloth dipped in salt and water and then rubbed dry. . . .

When patching wall paper don't When patening wall paper don't forget to preface operations by put-ting the new piece of paper in the sunahine to face till it matches that on the wall. Don't cut the patch a neat square, but tear it. The irregularity of its edges will make it less conspicuous. . . .

improve oilcloth dissolve To improve oilcloth dissolve pound of blue in a quart of water ove a fire, then rub it lightly over the oil-cloth with a piece of flamed, and leave it to dry. If possible, do this in the evening so that the oilcloth may not be walked on until the morning. This transment adds to the durability of the oilcloth, besides greatly improved. ing its appearance.

That day had come and he was going.

While mother was preparing the breakfast he wandered about, giving J. A. MacCauley, Port Milford, Onto

****** The L Our

Septembe

Search the ve think tha and they are Me.-St. Joh In every wa

realize our ne help us to m ever work we making dress simple nature closely th would not thin ing of considuse of his plu the plans of iner who set t compass or w them frequen might be sure the direction proceeding we mand of his And thus it ment of all or The up-to-dat studies the la tins, the gen

gineer the re ments. How that we shall

Kesssssssssssssssssss The Upward Look

Our Guide in Life

Search the Scriptures: for in them ye think that ye have eternal life: and they are they which testify of Me.—St. John 5:39.

In every walk and phase of life we realize our need for authoritative and accurate guides and rules that will becurret guides and rules that will bely us to making dresses, even of the water work we have in the water work we have our patterns to guide us. When cooking we follow closely the directions of our cook books. The carpenter or builder would not think of erecting any building of considerable size without the use of his plumb line and plane and the plansfor on architect. The mariner who set to sea without a chart or compass or who neglected to consult. ompass or who neglected to consu them frequently in order that he might be sure of his bearings and of might be sure of his bearings and of the direction in which his vessel was proceeding would soon have the com-mand of his ship taken from him. And thus it is in the accomplish-ment of all our earthly undertakings. The up-to-date progressive farmer studies the latest government bulletins, the general follows the practices of modern warfare, the civil engineer the reckonings of his instruments. How necessary it is, then, that we shall recognize our impera-

tive and constant need of a guide that will enable us to decide wisely the moral and spiritual problems that continually confront us.

No matter how humble our daily duties may be we constantly feel the need of such a guide. The history of the centuries proves that there is only one infallible guide of this only one infallible guide of this character. It is the word of God, as revealed in the Scriptures. Are we then as faithful in our study of this guide as we are of those other rules that we use in less important matters? In these modern days, many people seem to think that if their consciences do not trouble them when they follow certain lines of procedure, that there can be nothing wrong in their No matter how humble our daily

low certain lines of procedure, that there can be nothing wrong in their actions. As well might we conclude that there is nothing wrong in a can-nibal consuming his captive or in an Indian torturing his victims.

Our consciences cannot be depended upon to lead us aright unless we are constantly adjusting them by the standards which God has set. Just as the astronomer must constantly test the accuracy of his instruments to ensure the correctness of his readings. and just as the lawyer must continu-ally keep in touch with the latest decisions of the courts in order that he may be sure of the strength of his case, so it is necessary that we shall case, so it is necessary that we shall study God's word, systematically and prayerfully, in order that we may be sure that the standards set by our consciences have not, all unknowing-ly to us, lost their delicacy and pow-er through becoming confused and

contaminated by the standards of the orld around us.

world around us.

On all sides we see people, who in some cases are professing Christians, doing things to which the world takes to exception It, therefore, becomes easy for us to accept their standards as our own unless we are constantly searching God's word to know what He directs us to do in such circum-

When Christ spoke the words contained in our text he was condemning the self-righteous Jews for their sins. They, although they did not realize it, were following their own command-ments rather than those of God. Christ told them to search—not just to read, but to search—the Scriptures and He assured them that if they would they would find the mistake

would they would find the mistake they were making. That same command applies to us. Christ was sent by God to be our ex-ample. Only through the study of Christ was sent by God to be our example. Only through the study of the Scriptures can we be sure that we are following in His footsteps. No matter how busy our lives may be, or how much good we may think we are doing for God, we are sure to wandown the surface of the surface

in our public worship of God in or der that, like Jesus, we may increase in wisdom and in favor with God and man,-I. H. N.

Fastening Skirts and Yokes

Skirts and dresses have an unpleas-Skirts and dressess have an unpleas-ant way of splitting down below the limit allowed for the placket hole, no matter how firmly they are stitched and some thin fabrics require very careful handling or the stitches show and look unsightly on the right side.

An excellent plan, and one by which An excellent plan, and one by which all such trouble is avoided, is to sew a hook and eye at the extreme end of the placket, hook it together and pinch the hook tight so it cannot come undone. This will keep neat and pre-

when the dress is slipped off and on.
When making a bodice with a lace
yoke, a good plan instead of sewing
it in is to sew snap fasteners on;

it in is to sew snap fasteners on; then it can be removed and washed when it becomes soiled, without the trouble of ripping out sitches and sewing the yoke in again.

To keep the blouse in position around the waist line, get five patent fasteners and sew the pointed part to the waist line of the blouse and the eyelet to a piece of white elastic, making them correspond in position to those on the blouse. Fasten the elastic with a hook and eye at the ends. This is an excellent plan for a blouse that is not lined, as it allows it to rise and slip down again in position when and slip down again in position when the arms are raised or lowered.



Peep again in your oven. See those loaves, those pleasing loaves you've made.

How fat-rounded-substantial.

No, they wont fall when colder.

Because the Manitoba strength that is in FIVE ROSES will hold them up till eaten.

This sturdy elastic gluten has kept them from dropping flat in the oven. No unsightly holes 'twixt crust and crumb-

never.

All risen evenly-to stay risen. Never heavy-sodden-soggy-indigestible. Yours are the FIVE ROSES loaves-Crinkly and appetizing of crust. Golden brown and tender. Snowy of crumb-light as thistledown, FIVE ROSES helps a lot. Try it soon.

Not Bleached



LAKE OF THE WOODS MILLING COMPARY, LIMITED, MONTREAL

Not Blended

RAT COR KILLS Without Diars RATS AND MICE OUR FOURTH RAT TALK

Terrible Spread of Disease

Six Millions of People Dead from the Plagues in India Mr. Family Man: Do you know that Rats are the greatest apreaders of Disease on this Earth? Do you also know that

RAT COR

will exterminate Rats and all Rodents from your premises in a Safe, Sane and Sanitary Manner

Male, Mane and Anillary Maniler
Do you further know that in addition to killing millions of human beings by infecting them with Bubonic
Plague, the Rat carries Trichinosis
and Ten other parasites? It has Leprosy and Cancer. Leu't it Horrible to
think of? You don't want unnecessary
Doctors' Billis Don't have them! They
are among the aunnecessary Taxes. e among the unnecessary Taxo

Taxes use.

Rat Corn—It surely kills Eats and
Mios. Rat Corn—will not kill pets,
stock or man. Rat Corn—Mummites
all Eodenis; no odors.

28. 58c and \$1.00 cans
Ask your dealer, or sent by mail on
receipt of price. We pay postage.

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FOR SALE AND WANT ABVERTISING TWO CENTS A WORD, CASH WITH ORDER

FOR SALE—Iron Pipe, Pulleys, Belting, Rails, Chain, Wire Fending, Iron Posts, etc., all sizes, very cheap. Send for list, stating what you want.—The Imperial stating what you want.—The Imperial Waste and Metal Co., Dept. F.D., Queen Street, Montreal.

Send us \$1, receive by re-turn mail TWO pretty dresses of soft warm material suit-able for fall and winter wear for little girls, age 1 to 10.
Add 15c for postage.

STANDARD GARMENT CO. 812 Standard Building, London, Ont.

The Perfect Child

What is a perfect child; I mean not physically perfect, but from a point of goodness? What would you say if you were asked for your opinion We want children obedient, but they never assert themselves, we feel they really have no spirit and no will power of their own. A strong willed A strong willed child is not easy to control, causes mother a goodly amount of hard thinking, yet if that strong will can be impressed with the idea that other people's opinions must be respected, then its very strength will carry the child on to success.

I confess I cannot define a perfect child. I do like to have a child do as I ask with a reasonable amount of the reason why given. I want a ch to get on pleasantly with other children but there is no reason for any one child always having to be the one to give in to secure harmony—that is worse than quarrels. CHARACTER BUILDING

A nice lady-like little girl, prim and proper, or a quiet little by are sometimes quite an attraction, but for real worth, for the stuff that builds a sturdy character and a sturdy body, it takes action, and lots of it. A great

JEWEL FOOD-CUTTER is a daily necessity in every home.
You are always cutting up meats
and vegetables for stews, etc.

A knife is awkward and dangerous A knife is awkward and dangerous
—a chopping bowl is cumbersome
) "MAXWELL'S JEWEL" cuts
everything as you wish—fine, medium
or coarse because it has five cutting

Easily cleaned—ea ery strong, dur able and handsomely finished. Insist on your dealer supplying ause this is the only food cutter in Ca-nada and is superior to anything imported. DAVID MAXWELL & SONS

ST. MARYS, ONT.



Take A Handful Of "St. Lawrence" Sugar Out To The Store Boor

-out where the light can fall on it-and see the brilliant, diamond-like sparkle the pure white color, of every grain.

That's the way to test any sugar - that's the way we hope you will test



Compare it with any other sugar—compare its pure, white sparkle—its even grain—its matchless sweetness.

Better still, get a 20 pound or 100 pound bag at your grocer's and test "St. Lawrence Sugar" in your home.

ST. LAWRENCE SUGAR REFINERIES LIMITED, MONTREAL

67A

many things which parents are prone to call naughtiness are really naughty at all. They are just an ex-pression of that super-abundance of

energy which must be expended in some way. Correction should be adsome way ministered accordingly

I believe praise helps a child, but it hardly seems quite right to praise till the child takes on such an exalted po-sition that it is disgusting to all disin-terested persons. I know some children who come here to play, and this is what I hear: "Mamma says you can't

play with me unless you are good to me," or "you can't play with me un-less you are good to me. My mamma me," or "you can't play with me un-less you are good to me. My mamma said so," accompanied by that super-ior look which only a child can ac-quire. Apparently there is never an idea of the necessity of being good to the other children. In such a child's mind there is always a feeling of su-periority to the others. Is this right?

THE OTHER BOY'S PAULTS It is perfectly levely for each moth er to think her child as near perfect as possible, but it is painful to try to get on with one who can never see that Tommy does wrong; that it is always the other boy's fault.

always the other boy's fault.
There is no grown person in whom
we can pick no flaw, so why expect
it of a child? And if Sally Smith is a
"problem," just be sure Mrs. Smith
in't carnestly trying to have Sally
come a close to an ideal as you are come as close to an ideal as you are with your own offspring and give her credit for it, before you judge harsh-ly of her or her child. In the meanne consider what is a perfect child Farmer's Review *********

THE COOK'S CORNER

Recipes for publication are requested. Inquiries of an avered opinion request, to the Household Editor, Farm and Dairry, Peterboro, Ont.

Chili Sauce—12 large tomatoes, chopped, two medium onions, chopped fine, three green peppers chopped fine, two tablespoons salt, three cups vinegar, one tablespoon mustard, one teaspoon each cinnamon and nutmeg two tablespoons sugar. Cook until of right consistency, about one and a half hours. Bottle

. . .

Tomato Butter-10 pounds of skinned tomatoes, feur pounds of granu-lated sugar, three pounds of apples, one quart of vinegar, one-half ounce of stick cinnamon, one-half ounce of race ginger, one-fourth ounce of mace, one-fourth ounce of whole cloves. Tie the spices in a bag; put all the ingredients on together and boil three hours, stirring constantly.

. . . Chopped Cucumber Relish-Pare fine cne-half peck of cucumbers and two chop medium-sized Salt each separately over night, drain the next morning and mix. Put in kettle and add a rounding tablespoonful, each, of colory and mustard seed, a level tablespoonful of ground mustard, one-eighth teaspoonful of cayenne pepper, half a cupful of brown sugar and a quart of good vinegar. Bo Boil ten minutes,

Celery Relish-Wipe 18 ripe tomatoes. Remove leaves and root ends from five bunches of celery. Wipe two red peppers. Chop vegetables mix, put in a preserving-kettle and add two and one-fourth cupfuls of sugar, one and cne-half cupfuls of vinegar, two tablespoonfuls of salt and one teaspoonful, each, of cloves, allspice, cinnamon, mustard and salt allspice, cinnamon, mustard and celery seed. Bring gradually to the boiling-point and let simmer one and one-half hours, stirring occasionally. Fill bottles and seal while hot.

-

The Sewing Room

Patterns 10 cents each. Order by number and size If for children, give age; for adults, give be-measure for waists, and waist mea-sure for skirts. Address all orders to the Pattern Department. measure for waists, and waist mea-sure for skirts. Address all orders to the Pattern Department.

TWO PIECE APRON. 7512



The apron that pro-tects the back as well as the front of the skirt is a very practi-cal one, much liked for the occupations that mean sitting any consider without is made one is made without fullness and consequently, it is in no way bulky and is shaped to graceful lines. There are just two portions that are joined at the sides and the closing is made at the left side. and

made at the left side.

For the medium size, the apron will require 2.34 yards of material 27 or 2.14 yards 36 or 44 inches wide.

This pattern is cut in sizes for 22, 24 and 26 inch walst measure.

GIRL'S DRESS, 7517



This model can be treated in two such different ways that if gives two distinctly different results and both are attractive. The simple blouse is joined to the skirt that is out in five gores. There are separate sleeves stitched to the steeves statemed to the arm-holes and there is a separate peplum. This peplum is easy to omit and if the blouse is finished without the fancy collar and the over-lapped edge of the skirt out straight, the frock becomes completely transform-ed while, essentially, it is the same.
For the 12 year size

the dress will require 6 yards of material 27, 41-2 yards 36 or 51-4 yards 44 inches wide with 31-4 yards of banding to trim wide with 31-4 yards of banding to tim as shown on the figure, and 34 yards 12 inches wide to make chemisette, as shown in the small view, and 10 yards of braid. This pattern is cut in sizes for girls of 10, 12 and 14 years of age.



The pretty, smart, plain blouse is alplain blouse is always in demand and this one includes certain new features that are of especial interest. The curved front that is lapped over to suggest the eventual proceedingly smart and the peculiar shaping of the neck is new and distinctive. In the small view are the small view shown the new sleeves, close fitting and finished with the openings edged with frills. For the com-

p openings edged with ing eason, the frills. For the comcommended but for the remaining west of warm weather, the shorter sleeves will be found more comfortable.

For the medium size, the blouse will require 514 yards of material 37, 2 yards 36 or 134 yards of the wide of yard 15 inches wide of yard 15 inches wide or the yards 14 inches wide or the yards 15 inches wide or the yards 15 inches wide or the principal yards 27 inches wide for the collar and

This pattern is cut in sizes for 34, 3. 38, 40 and 42 inch bust measure.

....

CARE IN ORDERING PATTERNS Be sure and state size, also number of patterns. Do not send illustrations of pat-terns. Order by number and size only. Septemb

Dairy Holsteins practically bown at 7 with the ad ilcock & So placing of law, of Ay

that judges

what constit

greatest chi was in plac Grand Cha prize mone serious faul with this 1 droop in t The comp ween the Springford, Park. Haleys the strength strength of ever, got a young

classes, sho Toronto.

ionship fem the money. 2nd Abbeke condition. tionally stra great const very him a very a splendid s front in the Queen De F don Gooder as a mature vantage in ceptionally l and gives I comes in. had a parti that, had it stood a goo

He Aged bulls: Gooderham. Bulls, 2 ye Haley Bros. : Bulls, yearl Hulet. Hulet.
Bulls, senior
4, Hulet; 5, T
Bulls, junio
and 3, Haley

Championsh

The awards

Cows, matur ham; 3 and Cow, three and 4, Haley; Two-year-old and 5, Hulet Yearling he Hulet; 4, Senior helfe Haley Bros. ; Junior heife ham; 3 and 4 Best four e Hulet: 3. Goo Graded herd Champion fe

sented by o Wm. Stewart & Son, of M were the sar Hume got a gument has animals, the umerous fi His bull Auby virtue of constitution. larly nice le one year. A

The Scoto

Dairy Cattle at London

Holsteins at London last week were practically all animals that had been shown at Toronto the week previous, shown at Toronto the week previous, with the addition of the herd of Treb-ilcock & Son, London Ont. But the placing of the animals by Geo. Laid-law, of Aylmer West, Ont., showed that judges differ in their opinions of what constitutes a good Holstein. The what constitutes a good Hoistein. In a greatest change made by Mr. Laidlaw was in placing Haley Bros.' Toronto Grand Champion heifer out of the prize money altogether. The most serious fault that Mr. Laidlaw found

with this heifer was a tendency to droop in the back. droop in the back.

The competition was mainly between the herds of Haley Bros., Springford, G. Gooderhum, Bedford Park, and R. E. Hulet, Norwich. The Haleys and Hulet had reduced the strength of their herds by sales, the strength of their herds by sales, while Gooderham had increased the strength of his Holsteins as compar-ed with Toronto. Haley Bros., how-ever, got a nice bunch of firsts with their young stuff; Gooderham got several firsts in both male and female classes, showing up much better than at Toronto. Hulet, with the champ-ionship female had a good share of

champion male, Ina Triton 2nd Abbekerk, was never in better condition. The great length, excep-tionally straight strong back and great constitution of this bull make great constitution of this buil make him a very choice animal indeed. Haley Bros. came in for the female championship with Francis Schutless, a splendid strong sappy heifer of the kind that has kept this herd to the

the money

A cow of particular merit was Queen De Kol Posch, shown by Gor-don Gooderham. This cow was first as a mature cow although at a disadas a mature cow athough at a disad-vantage in being dry. She is an ex-ceptionally large cow, of good length, and gives promise of a massive ud-der of the right quality when she comes in. In two year old cows Hulet had a particularly promising animal that, had it been in milk, would have stood a good chance for first place. The awards in full follow:

HOLSTEIN PLACINGS

Aged bulls: 1. Hulet: 2. Haley Bros.: 3. Gooderham.

Bulls, 2 years old: 1, Gooderham; 2.

Haley Bros.: 5, Hulet.

Bulls, yearling: 1 and 2, Haley Bros.; 3 Bulls, senior calf: 1, Haley Bros.; 2 and

Bulls, senior cair: 1, Haley Bros.; 2 and 4, Hulet; 3, Treblicock. Bulls, junior calves: 1, Gooderham; 2 and 3, Haley Bros.; 4, Hulet. Championship male: Hulet. Females

Cows, mature class: 1, 2 and 5, Gooder ham; 3 and 4, Hulet. Cow, three years old: 1 and 2, Hulet; 3 and 4, Haley; 5, Gooderham.

and 4, Haley; 5, Gooderham. **
Two-year-Ob heifers: 1 and 2, Haley; 3
and 5, Hulet; 4, Gooderham.
Fearling heifers: 1 and 2, Haley; 3 and
5, Hulet; 4, Gooderham.
Senior heifer calf: 1, Hulet; 2 and 5,
Haley Broa; 4, Gooderham.
Junior heifer calf: 1, Hulet; 2, Gooderham; 3 and 4, Haley Broa.
Best four calves: 1, Haley Bros.; 2,
Haley Broa.; 4, Gooderham.
Grad -1 and 3, Hulet; 2, Gooderham.

Champion female: Haley Bros. AVRANTERS

The Scotch milk breed was represented by only two herds, those of Wm: Stewart & Sons and Alex. Hume & Son, of Menie, Ont. The animals were the same as shown in Toronto, Hume got a little the best of the argument having both championship animals, the graded herd prize and numerous firsts in the heifer classes lis bull Auchenbrain Hercules again won over Stewart's Sprinhill Cashier by virtue of his size, substance and constitution. Stewart had a particu-larly nice lot of heifer calves under one year. A lot more uniform in size,

marking and quality it would be hard

In cows, Hume won with Bellesland Nan 4th, a strong cow of substance, a deep, well sprung rib, and a large and well shaped udder. Stewart's cow second place was an animal of a little nicer quality, had the best shap-ed and finest handling udder of the lot, but lacked somewhat in substance as compared with the winner. . awards in full follow.

AYRSHIRE AWARDS

Bulls, 3 years and up: 1, Hume; 2, Stew-

rt.
Bulls, 2 years and under 3. Hume.
Bulls, 1 year and under 2: 1, Stewart; 2,

Bull calf, under 1 year: 1, 3 and 4, tewart; 2, Hume. Championship male: Hume, on Auchen-

Championship maie: nume, on Auchen-brain Hercules.

Females

Mature cows: 1 and 4, Hume; 2, and 3, Stewart.

Cow, 5 years and under 4: 1 and 4, Stewart; 2 and 5, Hume.

Heifer, 2 years old: 1 and 2, Hume: 3. tewart. Heifer, 1 year old: 1, 2 and 3, Hume;

Stewart

4. Stewart. Heifer, under 1 year: 1 and 3, Hume; 2 and 4, Stewart. Championship female: Hume. Graded herd: 1 and 3, Hume; 2, Stewart. Four animals, get of sire: 1, Hume; 2,

Two animals, progeny of one cow: 1, Hume: 2, Stewart. Four calves under 1 year: 1 and 3. Four calves under 1 year: 1 and 3, Stewart; 2, Hume. JERSEYS

The making of the awards in the Jersey classes was merely a case of B. H. Bull & Sons and even they could not be considered strong, the best of their stock having gone to Ottawa, where the keenest competi-tion was expected. The other princi-pal exhibitor was Mrs. Lawrence of London. Her principal win over the Brampton berd was in senior bull calves, where an animal lacking somewhat in quality but great in constitution won on the latter point. The following is a list of awards:

JERSEY AWARDS

cows: 1 and 3, B. H. Bull: 2, Lawson. Cow, 3 years old: 1, 2 and 3, B. H. Bull. Cow, 2 years old: 1, B. H. Bull; 2, Mrs.

Lawrence.

Yearling heifer in milk: B. H. Bull.
Yearling heifer, dry: 1, B. H. Bull: 2,
Mac. Campbell and Son, Northwood.
Senior heifer calf: 1 and 2, B. H. Bull.
Junior heifer calf: 1, B. H. Bull: 2, Mrs.

Lawrence. awrence.
Championship female: B. H. Bull, on Srampton Bright Princess.
Bull, 3 years old: B. H. Bull.
Bull, two years old: 1, B. H. Bull; 2,

Buil, two years old: 1, B. H. Buil; 2, Mrs. Lawrence Buil, 1 year old: B. H. Buil, Senior buil calves: 1, Mrs. Lawrence; 2 and 3, B. H. Buil. Junior buil calves: 1, B. H. Buil; 3 and 4, Mrs. Lawrence and B. Lawson (tied). Champion male: B. H. Bull, on Bramp-

Graded herd: 1, 2 and 3, B. H. Bull Young herd: 1 and 2, B. H. Bull.

ton Stockwell.

The Western Fair at London

(Concluded from page 11) iduals, but they, too, were down in numbers and in some cases in qual-

BEEF CATTLE

Shorthorns and Herefords were al-Shorthorns and Herefords were almost equally well represented L. O. Clifford, Oshawa, Ont., and H. D. Smith, Hamilon, were the principal exhibitors of the latter, while four herds that competed at Toronto, those of Jno. Guardhouse & Sons, Amos & Son, Mitchell Bross, and Melick of Edmonton, along with some local anti-clifford and the control of the c Polled Angus were shown by Bowman, of Guelph. superior

The sheep exhibit was short in numbers. Short wools were most numerous. For the first time in many

years Jno. Campbell had practically no competition in the Shropshire classes; Robt. McEwen was strong in Southdowns; Messrs. Harding and Orchard in Dorsets and Arkell & Sons with their Oxfords.

There was more competition in the swine classes than at Toronto. J. E. Brethour gave D. C. Flatt warm competition in Yorkshires. D. Doulers and all him to the swine classes. had all his own way in worths. A strong bunch of Chester Whites were exhibited by W. A. Wright, Glanworth, and D. DeCour-cey of Bornholm. There was strong competition in Berkshires and Hampshires, there being four exhibitors of the latter.

The fruit exhibit was one of the best ever seen in Western Ontario. The plate exhibits surpassed in quality the same classes at Toronto, in quantity were almost on a par with

the larger exhibition.

The poultry show was a reat success, the fancy and Mediterranean breeds figuring more prominently than the utility breeds.

The profit in keeping cows comes from the extra amount of milk that they give above the ordinary yield on common pasture or coarse feed.

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Raise healthy, thrifty, vigorous caives at the lowest possible or You can do this by using

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Feeding directions sent on appli-Ask your dealer for Calfine, If he

does not handle it, send us a money order for \$2.78, and we will send 100 lbs. to any station in Ontario. We pay the freight.

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portation of PERCHERONS from France. They are good ones— Two-year-old and Three-year-old Stallions and mares.

They have done well at Toronto Exhibition. I will have them at Ottawa and Ogdenburg, N.Y.

I invite you to come and inspect them, or write me for particulars and prices.

B. HOGATE Weston, Ont.

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The Three Most Wonderful Cows the World Has Ever Produced! ALL DAUGHTERS OF ONE SIRE









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Champion butter cow of the world,
Stable mate of Banostine Belle DeKol.
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Send-Official Year's Record:
Send-Official Year's Record: leial Yauty Record:

Semi-Official Yeavity Record:

Tea. 1,005.45 Lbs. of milk # 25,005.5 Lbs. of milk # 11,115.5 cm promot fast Roy was promot fast Roy was promot fast Roy was 1,005.6 cm promot fast Roy was 1,005.6 c

WE HAVE JUST A FEW CHOICE BULL CALVES FOR SALE

MAPLECREST FARM
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YORKSHIRE FIGS, all ages, either sex. FOR TANWORTH SWINE—Write John Word, or all ages bred and heavy with plac—N C. Benibeld, Woodstock, Ontaric.

AMPSHIES PIGS — Canadian Chargion herd. Boar hard headers. Sows, three months and under. — Hastings Bros. Crosshill. Ont. (CIVDESDALES, imp. Stallions and Fil-lies. Fresh Importations always on hand. Every mare guaranteed in fool. J. & J. Semple. Milverton, Ont., and Luveron Minn. U. S. A.

HOLSTEINS-Young stock, for sale, Sired by Imperial Pauline DeKol, whose 15 nearest dams average 26.26 bts. butter in 7 days.—B. W. Walker, Utica, Ont.

CLYDESDALES—Home of Acme. (Imp Holsteins—Home of King Fayne Beg (Jothilde, nearest 7 dams 27 lbs. butte per week, and Broken Welsh Ponies. R. M. Holtby, G.T.R. & P.O., Manche ter. Ont. Myvtts. O.P.E.

HOLSTEINS

RIVERVIEW HERD

Offers Bull Calves from 2 to 18 mos. old. SIRED BY KING ISEBELLE WALKER SIEED BY KING IMBERILLS WALLENS, whose 5 nearest dams and sister average 30.18 LBS. BUTTER IN 7 DATS and 115.W 1bs. in 50 days from dams of likewise breeding, at exceptionally low figures, to

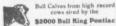
P. J. SALLEY, LACHINE RAPIDS, QUE.

Forest Ridge Holsteins A few sons of King Segis Pleterije for ale, from tested dams. Priced right con-idering quality.

Also a few Helfere bred to him for sale.
Write us for what you want or better come and see them. Anything we own is

L. H. LIPSITT, STRAPFORDVILLE, ONT.

LYNDALE HOLSTEINS



cows sired by the \$2000 Bull King Pontiac Artis Canada

LVN. ONT

HOLSTEINS AND TAMWORTHS

om R. of P. and R. of M. Dams, sired by Sir Lyons Hengerveld Segis. His dam's record 33% lbs. His sire King Segis.

J. McKenzie. Willowdale, Ont.

LILAC HOLSTEIN FARM



Offers young stock, One or a Car Lot.
W. FRED. STURGEON Glen Buell, Ont. Bellamy's Stn., C. P. R. Brockville, G. T. R.

Campbelltown Holsteins

We will have something extra nice to offer you this year at The Southern On-tario Holstein Breeders' Consignment Sale Co sale. Inspection invited. R. J. KELLY. .
Bell 'Phone, 163. TILLSONBURG, ONT.

FAIRVIEW FARM HERD

Too much money is spent every year for poor bulls. Why not buy a good one? Sons of Pontiac Korndyke. Rag Apple Korndyke, and Sir Johanna Colantha Gladi, for sale; 150 head in Come and see them or write.

E. H. DOLLAR. Heuvelton, N.Y.



Purebred Registered
HOLSTEIN CATTLE
The Greatest Dairy Breed
step 70 FREE ILLUSTRATES BOOKLETS
Holstein Friesian Asso., Box 148 Bettleboro Vt.

HOLSTEINS

No matter what your needs in Holsteins may be, see RUSSELL, the live Holstein man.

He is always prepared to furnish anything in Holsteins.

Write, or come and inspect

T. H. RUSSELL Geneva, Ohio,

MAPLE LEAF

MARKET REVIEW AND FORECAST

Toronto, Monday, Sept. 16—Foreign adtices still continue to give the most
gloomy views regarding the state of the
lecrops over the greater part of the continent and in England. Germany and the
United Kingdom seem to be the worst
sufferers from the torrestald deverpours! It, lowes blacks, \$10 & \$3.0\text{i}\$, horse hair, United Kingdom seasons assifterers from the torrential downpours that have been the marked features of the past few weeks, and the damage to crops is almost incalculable. It is with more than ordinary anxiety, therefore, that news of the western crop is awaited to the season of the western crop is awaited to the season of the western crop is awaited to the season of the western crop is awaited to the season of the western crop is awaited to the season of the western crop is awaited to the season of the western crop is awaited to the season of the western crop is awaited to the season of the western crop is awaited to the season of the western crop is awaited to the season of the that news of the western crop is awaited. Its safe harvesting will be greeted
with relief half the world over. From
Washington comes the statement that the
crop of the United States this year will
be 20.3 per cent greater in weight than
last year's product, and the capacity of
the railways promises to be tested to the
utmost. In the financial world the
money market is somewhat tight, due,
for the most part, to the large calls for
the western larvest. The propency are that interest on new loans will shortly range from 6 to 61.2 per cent.

WHEAT

WHEAT
There has been a slight reaction in
wheat during the past week, owing to
heavy selling for export, but prices have
ranged around those quoted in last
week's issue. The probabilities are that
impending heavy shipments from the west impending heavy shipments from the west will tend to lower prices. Dealers quote No. 1 Northern, \$1.13 1-2; No. 2, \$1.10 1-2; No. 3, \$10 7-2; feed wheat, 65c a bush. Ontario wheat, No. 2, old, 97c to 98c a bush.; new, 93c to 94c a bush. in car lots. Ontario wheat, No. 2, old. 97c to 98c a bush.; new 93c to 98c a bush., in car lots.

COARSE GRAINS

There is a good demand for coarse grains, especially for oats, and the follow-

grains, especially for oats, and the following prices are quoted: Canadian Western oats, No. 1 feed, 47 1-2c; No. 2, 47 1-2c; No. 3, 46 1-2c at lake ports. Ontario No. 2, white, 48c to 44c at country points; 46c offc a bush, at track American corn, No. 2, yellow, 85c; No. 3, 84c at lake ports; peas, 90c; buckwheat, 70c; rve, 70c; barley

peas, 300; nucawarast, 700; rye, 700; narrey, 650 outside. Montreal prices are as follows: Cana-dian Western oats, No. 2, 500; peas, 82.25 to 82.35; new malting barley, 700 to 750; feed barley, 600 to 61c; buckwheat, 74c to 75c a bushel

MILL STUFFS

Wholesale prices for mill feéda are as follows: Manitoba bran, \$22 to \$25; shorts, \$25 to \$26; Ontario bran, \$22 to \$23; shorts, \$25 to \$26.

Montreal prices are: Bran, \$23; addings, \$28 to \$29; shorts, \$27 a ton.

Wholesale prices are unchanged from last week's quotations, dealers giving the

HOLSTEINS WANTED

HOLSTEIN BULL CALF

From one to two months old, with pedigree for registration.

Send description and price to

FARM AND DAIRY, Peterboro, Ont.

WHAT ABOUT

That Auction Sale

You are having this fall? It will pay you to let us handle it for you. F. H. McCULLOUGH & SON, NAVAN, ONT

GLENDALE HOLSTEINS

CLEMBALE HOLSTEINS
Entire crop of pure-bred Holstein Bull
Calves and a limited number of Helfers,
Flower and a limited number of Helfers,
Flower and the second size have sized May
End May and the second limited from the second Link Reps. 19,368 hs. in R.O.P. as
a senior two-prea-rold (world's record), and
a senior two-prea-rold (world's record), and
at 4 years (world's record). Prices reasonable. All correspondence promptly answered. WM. A. SHAW, BOX 31, POXBORO, ONT.

Farm. Can show you over 300 head in few hours time. The place to buy if you want one or a car load. Drop a card when you are coming to

HOLSTEINS

GORDON H. MANHARD - - MANHARD, ONT. Brockville, G. T. R. Clark's Station, C. P. R.

HIDES AND WOOL
The market continues firm. No. 1 inspected steers. 13c; No. 2, 12c; No. 3, 11c a
lb.; horse hides, \$3 to \$5.50; horse hair,
57c; calf skins, 17c to 18c; lamb skins,

Unwashed wool, 15 1-2c to 15 1-2c; washed rool, 20c to 24c; rejects, 16c. In Montreal prices for hides remain un

HAY AND STRAY

The wet weather has had a backward effect on delivery of hay and straw, but there is no change in prices, quotations being the same as those given last week. being the same as those given last wee No. 1 old hay, \$15 to \$15 50; No. 1, ne \$12.50 to \$13; No. 2, new, \$9 to \$11; No. 88. On the farmers' market old timothy is selling from \$18 to \$19; new hay, \$13 to \$16; clover and mixed hay, \$12 to \$13; and straw at \$18 to \$19 a ton

Montreal quotations are as follows: No. hay, \$16 to \$16.50; No. 2, \$14 to \$15.50; o. 3, \$12 to \$12.50; clover, mixed, \$10 to 811 a ton. EGGS AND POULTRY

Prices remain stationary in these lines. Receipts are still large and ade-quate to public needs, notwithstanding the brisk demand created by the Jewish the brisk demand created by the Jewish holiday trade. Wholesale prices are as follows: Fresh eggs, 32c to 24c; new laids, 27c a dosen in case lots. On the farmers market new laid eggs are selling at 30c

Montreal prices for eggs. Wholesale are: Selected, 28c to 29c; seco nds, 19e to 20s g DAIRY PRODUCE

There has been a slight advance in the trice of butter during the week, due to decreased receipts. The latest local price of butter during the decreased receipts. The latest local quotations are: Creamery prints, 25c to 25c, and inferior quality, 21c to 23c Montreal prices are as follows: Creamery, 27c to 28c; dairy,

On the local market new twin cheese are On the local market new twin cheese are quoted at 15 to 15 1-4c, and large cheese at 14 3-4c to 15c a lb. Montreal prices for cheese are: Western, 13 1-2c to 15 5-8c; Eastern Townships, 3-1-8c to 15 3-8c, and seconds, 12 12c to 12 3-4c a lb.
POTATOES AND BEANS

POTATOES AND BEANS
Local prices for potatoes are as follows:
New Ontario, \$1.10 a bag; car lots, 90c a
bag. Prices remain stationary for beans
at \$3 for primes and \$5.10 for threeound pickers.

Montreal quotations show a drop

Montreal quotations show a drop owing to increased receipts, and are as a follows: 75e to 80e a bag in ear lots, and
5c to 81 in a jobbing way.

FRUIT AND VEGETABLES

The receipts of fruit and vegetables atili
continues to be heavy, and local prices
oranges, 84 to 8475 a crate; water melons,
50e to 55e each; peaches, 1°4, baskets, 60e
to 81; peaches, 64t, baskets, 40e to 50e;
apples, basket, 30e to 35e; blueberries,
81.55 to 81.30; pears, 6 gat, 40e to 60e;
plums, 11 qts., 60e to 60e; California pears,
83.

HORSES

The advent of the fall fairs is bringing horse flesh into prominent notice, and will help to still further increase the al-ready brisk demand. The west is still calling for heavy drafters, and prices calling for heavy drafters, and prices remain the same in this and the other grades as those quoted last week. Heavy drafters, \$20 to \$250; medium quality, \$175 to \$250; choice medium weight, \$250 to \$30; fair quality, \$190 to \$255; express-cess, \$150 to \$300; addith horses, \$150 to \$275; drivers, \$1,50 to \$140.

875: drivers, \$130 to \$140.

LIVE STOCK

There was a much firmer tone in the cattle market last week, especially to-wards the close. This firmness, however, did not extend to sheep and lambs, which dropped in price to close on 50c a cut. The most noticeable increase in price was in hops, which, owing to search yet of receipts, rose in 0 cents a cut. Storey. ceipts, rose 10 cents a cwt. Steers and heifers advanced at least 5 cents a cwt. in price during the week. There was a helfers advanced at least 9 cents a cwn. in price during the week. There was a heavy demand noticeable for stockers and feeders. Choice butchering cattle and fat cows are finding a ready market at When looking for Holstein Cattle plan on making a visit to Maple Leaf Stock good prices

Dealers make the following quotations: Export cattle, choice, \$6.90 to \$7; do,

HOLSTEINS

WILLOW BANK HOLSTEINS A Daughter of Pontiac Hermes (5442)

and out of Imported Dam. Born April 15th, 1999. Large, straight and nicely marked. In calf to a good son of Count Hengerveld Fayne De Kol (787). Also a number of Young Bulls. One nearly ready for service, whose grand direa are Johanna Rue 4th Lad (2005) and Tidy Abbekerk's Mercena Fosch (439). Prices low.

COLLVER V. ROBBINS, RIVERBEND, ONT Fenwick Station, T. H. B.

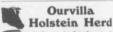
May Echo Has Made 31.34 lbs.

butter in 7 days and 726.6 lbs. milk in official work.

Her son, Sir Echo, also nomical work.
Calves of rich breeding, are for sit.
Write for full descriptions, or better come and inspect.
We also offer Clydesdales, I four-year-old stallions, 18 marse and a few filler, and excellent individuals of popular breeding society in the stall society in the sit.

Also Hackneys, two stallions, 5 years old and one 4 years old, and two mares, 5 years old, and one mare, 4 years old will be pleased to answer

ALLISON STOCK FARM Chesterville, Ot W. P. Allison



EDMUND LAIDLAW & SONS ELGIN COUNTY, AYLMER WEST . ONT.

AVONDALE FARM HOLSTEINS Yorkshire and florned Dorsets A. C. HARDY - Proprietor SERVICE BULLS:

SERVICE BULLS:

KING PONTINC ARTIE CAMADA,—SirKing of the Pontlace; da.m. Fentlac
Artig—10 T ibs. batter in T days. Lift
ibs butter in M6 days.

PRINCE RENGERVELD PIETZE,—Sira,
Pleide Eind's Wooderead 1 Lad; dam.
Princes Hengerveld DeED — 38 50 to.

house in Tays: highest record dangle
timpersis English Forhalizes from Pries

sinning stock, and all ages, for sele.

Address all orrespondence to:

H. LORNE LOGAN, Manager, Breckville, Ost.

LAKESIDE DAIRY AND STOCK FARM Present offering, Bull Calves from Record of Performance dams; also a few females. dams; also a few females.

W. F. BELL, BRITTANNIA MEIGHTS, ONT Ottawa Bell Phone.

LAKEVIEW HOLSTEINS We are offering several Young Bulls of the choicest breeding and individually. They are sired by our son of Ooianha Johanna Lad, and their dams are sired by our son of Pieterijs Hengerveid Couri Toronto. Come and see us. Toronto. Come and see us. Berdo bulls. Ooiand Hengerveid Fayrs Berdo bulls. Ooiand Hengerveid Fayrs Berdo and Datchhard Colartha Sir Mona-E. F. OSLER. . . BRONTE, ONT.

"LES CKENAUX FARMS"

WAUDREUIL, QUE. HOLSTEINS Winners in the ring and t the pail. Gold Medal herd at Ottawa

at the pail. Gold Mean.
Pair.
They combine Conformation and Pro-They combine Contornation duction.
Bull and Heifer Calves from our winners for sale.
DR. L. DE L. HARWOOD. D. BODEN,
Prop. Man.

edium, 86.50 to to \$6; butchers \$6.75; do., medi ordinary, \$4.50 \$5.50; bulls, \$3.50 \$4 to \$5.50; do. to \$5.50; do. \$3.75; canne cows, choice, \$40 to \$35: springers 40. la the, 85 to elts. \$250 to \$. 88.75; do.,

September

THE TR London cable of one to two s dian bacon, 71s MONTREA

Montreal; Sa Sat arket here for es were ampl inging from \$8 There was a st logs, fresh kille noted at \$12 to EXPORT BUT Montreal, Satu nected break i heese has come aw a drop of o rices paid at t arket had been lish coat of the ided effect upon and, causing an b both sides of vitable result on taking th ces, and a r

mand next we om Great Brita will not specular prices, especially make of cheese his winter. The market for ivanced owing t ede butter for

ntry ranged i

even at

re and there ing paid. Th

ke is rapidly ***** OUR FAR

2222222222 PRINCE EL PRINCI KENSINGTON, E

rest weather the grain h However. een sa grass. a goo about half a tatoes are goo narter, 7c to 8 filch cows, 835 t such in demand

0 GRENVII DOMVILLE, Sep artment at Otta ural mail routes ott and the othe farmers appr to rain fall grain is de wing and heat in which the t better than t port that the g

OXFORD

Sale, 1 Two all ages, EIR BROS. .

for ca splend and le free, v

medium, 85.50 to 86.85; do., ordinary, 85 to 86; butchers' cattle, choice, 85.50 to 85.75; do., medium, 85.75 to 86.50; to 85.75; do., medium, 85.75 to 85.25; do., edilary, 84.50 to 85.95; feeders, 85 to 838; bulls, 85.36 to 8478; stockers, choice, 83.50; bulls, 85.50 to 84.50; to 80.50; bulls, 85.75; canners, 81.75 to 82.50; milch sex, choice, 840 to 875; do., common, 850 to 830; springers, 840 to 89; calves, 84 to 9; la. 18, 85 to 85.25; even, 85.50 to 84.50; bulls, 85.00 to 84.50; bulls, 85.00 to 84.50; do., 65.75; do., 76.8, 85.35;

THE TRADE BULLETINS THE TRADE BULLETINS
London cable announces an advance
f one to two shillings on bacon. Canaian bacon, 71s to 75s.

MONTREAL HOG MARKET MONTHEAL HOG MARKET Montreal. Saturday, Sept. 14.—There as no change in the condition of the arket here for live hogs this week. Sup-les were ample to meet the demand, hich was good from the packers, and selected lots were made at prices from \$8.25 to \$8.75 per 100 lbs.

anging from \$8.25 to \$8.75 per 100 i reighed off cars. There was a steady demand for dres logs, fresh killed abbatoir stock be moted at \$12 to \$12.50 per 100 lbs. EXPORT BUTTER AND CHEESE

EXPORT BUTTER AND CHEESE
Montreal. Saturday, Sept. 14.—The long
spected break in the prices current for
heece has come at last, and this week
wa drop of over 12 cent a lb. in the
rices pull at the country boards. The
sarket had been forced too high, and the
rich cost of the article was having a de""". The same the consumptive deman man the consumptive den cost of the article was naving a de-ded effect upon the consumptive de-ed, causing an secumulation of stocks, both sides of the Atlentic, with the vitable result that dealers refused to on taking the goods at the current see, and a reaction immediately set ere and there a fraction more or less ring paid. There is no rush for the cods, even at the decline, and if the cods, even at the decline, and if the emand next week is not equal to the 1990's we may see a still further break by prices. All depends upon the demand cum Great Britain, as the dealers here till not speculate in choose at present rices, especially in view of the large asks of cheese expected in New Zealand

The market for butter is still further he-market- for butter is still further ranced owing to the good demand from parts of the country for September de butter for storage purposes. The rerent quotation for finest fresh made amery is 27 Me to 27 Me a. B. The ke is rapidly declining, and soon there I be no more than sufficient arriving supply the weekly requirements of the

OUR FARMERS' CLUB

****************** PRINCE EDWARD ISLAND.

ONTARIO

ONTAHIO
GRENVILLE CO. ONT.
DOMVILLE, Sept. 11.—The post office deriment at Ottawa have established two
ral mail routee, one Prescott to Prespit and the other Domville to Domville. and tae other Domville to Domville.

farmers appreciate it very much Owto rain falling almost every other grain is dymaged considerably by wing and heating in the stook. Late in which the farmers are now cutting better than the early. The farmers better than the early. The farmers ort that the grubs are destroying late aloes. Almost all the farmers around

OXFORD DOWN SHEEP

For S-le. 1 Two Shear Ram, imported Shearling Rams. Also Rams, Lambs and wes of all ages. The Champion flock at tiawa and Sherbrooke. 1911. EIR BROS..... MALVERN. ONT.

STOCK MANKS. Metal car tags for catile, sheep and hogs. A splendid safeguard against bother and loss. Sample and droular free, write for them. F.G. James, Bowmanyille, Ont

here are caving a piece of second growth clever for seed. It is filling very well and there should be a good yield-d. N. O. HASTINGS CO., ONT.

CHAPMAN, Sept. 11.—Harvesting has been much delayed owing to the con-tinued wet weather. Conditions seem tinued we suits/ed owing to the original manual man

PRINCE EDWARD CO., ONT.

PICTON, Sept. 11.—The wet weather has aused a good deal of damage to grain. oaused a good deal of damage to grain. The straw in some cases is nearly spoiled and getting so rotten that the heads break off and are lost. My neighbor has turned about \$\mathscr{D}\$ acres of oats several times, and been ready to thresh, and on comes the rain again. Some barley out yet and straw very black. Have heard of some sprouting and extra cost to turn the grain, as a big majority of the grain has had more or less rain.—M. R. G.

has had more or less rain.—M. R. G.
YORK CO., ONT.
NEWMARKET, Sept. 11.—Wet weather
conditions provailed generally throughout
York County, damaging the crops to quite a large extent. At least one-quarter of the wheat, oats and barley will be damaged by sprouting. Corn is doing well now, as are all other root crops. Crop yield is very good.—W. K.

ELIGIN CO., ONT.
PAYNE'S MILLS, Sept. 14.—The harvest is all gathered in, after a tedious spell of very wet weather. Some of the oats started to sprout in the abocks, and the cut to sprout in the abocks, and the samples will be somewhat discolored. The new seeded fields look just O.K. Beautiful flowers and vegetables are growing in the school-ground. The best kept garden that the writer has yet seen at any school-house is found here, and the work is all done by the scholars. It is a splendic education for the young minds.—J. E. O.

SIMCOE CO., ONT.
BRADFORD, Sept. 12.—Wet weather has
delayed the harvesting of oats and there
is a small percentage of wheat grown and very much discolored. On oariey very much discolored. On the whole the damage has not been so great on account of the weather being cool during the west season. I don't think the loss will be very great due to the wet weather, as the damaged grain will be used for feed.—R. F. G.

MOLSTEIN-FRIESIAN NEWS

Farm and Dairy is the official organ of The Canadian Holstein-Friesian Association, all of whose members are readers of the paper. Members or the Association are invited to wend items of interest to Holstein breeders for publication in this column.

HOLSTEINS AT OTTAWA

The Holstein classes at the Dominion Exhibition at Ottawa last week were well filled, and competition was keen, alfilled, and competition was keen, al-though only six exhibitors took part, two of whom had only one or two entries. The main exhibitors were the Colony The main exhibitors were the Colony Farm of M. Coguitlam, B.C., and the Avondale herd of A. C. Hardy, Brock-ville, both of which had shown the week before in Toronto. The other exhibitors were Neil Sangater, of Ornstown; W. F. Bell. Britannia, Robt. Webb, of Seeley's Bay, and A. L. Stackhouse, of Kinburn. The main conflict for the first awards was between the first two herds. Some of was between the first two hends. Some of the animals in the Colony Farm exhibit were beginning to show the effects of their long campaign on the road. This told against them somewhat. Several of the decisions registered the week before at Toronto were reversed at Ottawa by the judge, O. A. Brethen, of Norwood. Mr. Brethen did good work on the whole, and gave satisfaction, although his whole, and gave satisfaction, although his placing of the championship bull and placing of the championship bull and caurarise. surprise.

surprise.

Aged Bulls In aged bulls the Toronto decision was reversed when Hardy's bull, Prince Hengreveld Pietertje was placed over the Colony Farm bull Mercena Yale, which was not in cuite as good form as when shown in Toronto. Both are grand bulls, but it is a question if this decision should have been changed Sampare. have been changed. Sangster was third with Pleasant Hill Pontiac, the cham-pion at Ottawa and reserve at Toronto

Two-Year-Old Bulls
In this class the winner was picked out in Aaggie Cornucopia Newman, shown by the Colony Farm. Hardy's bull, King

in Aaggie Cornnoopiea Newman, ahown by the Colony Farm. Hardy's built. King the Colony Farm. Hardy's built. King the Colony Farm that t what in vigor and masculinity, and has not got the bone, nor the substance, nor the style of the other bulls, age considered, that were shown. A nicely proportioned, vigorous whi'e bull shown by the Colony Farm, which won fourth at Toronto, was placed second in this class, and Hardy a two bulls, fit o'blanns Kornadyke and Paul Wayne De Kol, third and fourth. Fifth went to a bull shown by fourth. Fif. W. F. Bell.

W. F. Bell. Femnle Claises.

Twelve grand cows faced the judge in the aged cow class. A few that were dry showed to disadvantage, although among them were some which otherwise might have been up notehers. The Colony Farm have been up notehers. The Colony Farm have been up notehers. The Colony Farm on Verona, the Toronto winner. This cow has most pleasing line, with grand dupth and a good udder, carried well to the back the seemed lacking, however, the back they come the seemed lacking, however, the back they are seen to be seen the seemed lacking, which it denotes, which led some to think that the judge would not have made as which it denotes, which led some to think that the judge would not have made a mistake had he placed Hardy's second prize cow, Pride of Orchard Hill, first. This cow lacks the graceful lines of the winner, but showed greater constitution winner, but showed greater constitution and an equally capacious udder. She had been in milk longer, however, which told against her. The third award went to the Colony Farm on Lady Aaggie De Kol 2nd. Sangster took fourth with Kol Ind. Sangster took fourth with Rhoda's Queen, a nine-year-old cow that is beginning to show her are, but a grand type of cow, low down and well propor-tioned with milk veins running right to the shoulder on both sides. Colony Farm vas fifth. The Awards
The awards of the remaining

were as follows:

Three-year-olds: 1st and 2nd, Hardy; 3rd and 4th, Colony Farm; 5th, Bell.

Two-year-olds: 1st and 3rd, Colony Farm; 2nd, Hardy; 4th, Bell; 5th, Sang-

Senior yearling heifers: 1st, Bell; 2nd, Hardy; 3rd, Colony Farm; 4th, Sangster. Heifer calved after January 1st, 1911; 1st and 4th, Colony Farm; 2nd, Sangster;

Jrd, Hardy. Heifer over six months and und

Helfer over six months and under one year: 1st and 2nd, Hardy; 3rd and 4th, Colony Farm; 5th, Bell. Aged herd; 1st, Hardy; 2nd and 3rd, Colony Farm; 5th, Sangster. Best female, any age; This award was won by Colantha Fayne, shown by the Colony Farm, a junior yearling that was brought out in grand form. This helped here to win over her stable mate Vero Senior herd: 1st, Hardy, who showed the first prize aged bull; second prize aged cow, first and second prize three-year olds and the second prize two-year-old 2nd and 3rd, Colony Farm. Junior herd: ist, Hardy; reserve, Colony

Senior bull caif: 1st and 3rd, Colony Farm; 2nd, A. Moore, Hawthorne; 4th and

racm; 2nd, A. Moore, Hawthorne; 4th and 5th, Hardy. Junior bull calf: 1st, Bell; 2nd and 5th. Hardy; 3rd and 4th, Sangster. Beat bull, any age: 1st, Stockhouse; re-serve, Hardy.

erre, Hardy.

HOLSTRINS TO 60 AT AUCTION
Thirty-five Holsteins of excellent breeding are to be sold by J. R. Newell, of
Crampton. Ont., and will afford good buying to those who attend the sale. Mr.

ing to those who attend the sale. Mr.

condiderable on the sold brain for

a condiderable for the sold brain of the sold brain

condiderable making.

Our readers will have noticed from Mr.

Newell's advertising in Farm and Dairy
that his stock is of very popular breedthat his stock is of very popular breedthat his stock is of very popular breedthat his stock is of very popular breedare fine appearance, and are in good

are of fine appearance, and are in good

ing strains or mgn producers. His cowe are of fine appearance, and are in good condition. Oatalogues giring descriptions and terms and other information you will want about Mr. Newells cattle may be had by addressing J. R. Newell, Cramp-

Jerseys Have Been Proved Best

(19)

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