

578



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GOURLAY. WINTER LEEMING å 188 YONGE STREET, TORONTO

15 August, 1004

Che Farming World Devoted to Country Life in Canada

J. W. WHEATON, B.A. - - Editor D. T. MCAINSH, Manager

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# The Farming World And Canadian Farm and Home

VOL. XXIII

#### TORONTO, 15 AUGUST 1904

No. 16

#### The West

T is only by a personal visit that one can understand and appreciate the real spirit of the west. That rarified, clear atmosphere of which western Canada may justly boart, seems to permeate every citizen. Hope is in the air as well as in the man. The people have the fullest confidence in the future of their adopted country. From no source or from no citizen comes a despondent note. Hope and faith in the land assert themselves on every hand.

It would indeed be a poor country that did not respond to such confidence and faith in its people. But such a land is not the Canadian west. It is a great country, with a great people at its back. This in itself means success. But the people are great because they are active and pushing. There is no lagging behind. The newcomer is at once imbued with the aggressive spirit of the country and sets to .work immediately to do his share towards developing its resources and making a competence for himself. Some few there are who, seemingly, cannot harmonize their own individuality with the new conditions. Their sojourn is short. They are not wanted, and if they remain are only as a millstone about the necks of those who are pushing forward to greater achievements in their country's development

Such is the west. Its progress during the past few years has been marvelous. Beyond Manitoba, in the Territories far to the north, the south, the east and the west, appears the settler. He is going on the land, bringing new areas under cultivation and increasing at an enormous rate the country's wheat producing possibilities. Not only that, the older settled portions of Manitoba and the Territories are increasing their herds and flocks. Perhaps no other country of its age in the world could put up as fine a show of stock as was to be seen at the Dominion Fair a week ago. With these magnificent herds to draw from, the live stock interests of the west are destined to take no second place among its industries. But the country is big and the uncultivated areas large, and for years to come wheat will be the staple article of commerce. To produce No. 1 hard will be the goal of the ambitious westerner for many a day. In this we wish him success. The more of this quality he can produce the better for Canada and for her citizens in whatever calling they may be engaged.

1904 promises to be one of abundance for the west. If the present stand of wheat matures and is properly gathered in many millions of dollars will be added to the wealth of the country. Reports so far are on the whole favorable. From a few sections come the news of too

much rain or too much dry weather. But the area in crop is large, and even with a few isolated cases of this kind, there is bound to be a large surplus wheat crop no matter what comes. However this may be we can only hope that present indications may be fully realized. But whether they are or not will make little difference with the progressive spirit of the west. The people are there to stay and with the large increase in numbers which each year's influx of settlers brings, will make the great prairie lands of the Dominion the granary of the Empire.

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#### Our Big Number

Next issue will be our nual Exhibition Number, and we can promise our readers some-thing of real merit. An impor-tant feature will be a series of articles showing the outlook and trend of agriculture in each of the provinces of the Dominof the provinces of the Domin-ion, prepared by experts. Mr. A. Blue, chief of the Census Division, Ottawa, will contri-bute a valuable article on the farming industry of Canada. There will be several other notable features which we have not space to enumerate here. A number of original and suitable illustrations are being prepared.

We are sure you will like it. Let your friends and neigh-bors know, and have a copy sent to them. Copies will be mailed free to all names and ad-dresses received before Sept. 1st. 

#### The Dominion Fair

The city of Winnipeg is to be congratulated upon the successful outcome of the second Dominion of Canada Exposition. When the big city of the west was selected as the place for holding Canada's second national fair, there were doubts in the minds of not a few as to the outcome. But Winnipeg and the west have measured up to the occasion in a way that is most creditable. While the accommodation for exhibitors and visitors was not all that could be desired, a marked improvement in the grounds and buildings was noticeable as compared with a few years ago. However, the exhibition was a success and will pass into history as one of Canada's great displays of 'live stock and manufactured products. 3

### The Farmer's Boy at the Fall Fair

Harvest is nearly over, and the time of the fall shows is again at hand. Every farmer's boy should be encouraged to try and land one or more of the numerous prizes offered for competition. Encourage him to prepare something for the show, and show it himself. There is an opportunity to win honors in neur-

ly everything raised or grown on the farm. "o the fall show is due in a great measure the advancement in the quality of live stock, cereals, roots and all farm produce that has characterized the past decade. It has been the great educator of better methods and their edicator of better methods and their advantages, and the time spc it alread-ing it is never lost, if one considers what he sees, and it is a commendable enterprise for any boy to try and fit or prepare something to take along and compete for honors. To win a prize with some pet that he has tended is at once a satisfaction and an inspiration to do better next time, and just such a beginning as this has been the starting point of many a successful stock farmer, on his future road to fame. Every farmer who wishes to have his son remain on the farm should be a liberal patron of the local fair.

# The Dead Meat Trade Urgently Needed

Each successive month brings with it additional reasons why there should be no delay in establishing the dead meat trade in Canada on a large and permanent basis. The need is more urgent, perhaps, for the ranching country of the west. Situated as these ranches are at a great distance from the seaboard, a large share of the profits of the rancher are eaten up in exporting the live animals. This could be saved to a large extent by the establishment of Abbatoirs near the source of supply. A little additional feeding would put the ranch cattle in good shape for the block and enable the producer to get more out of the business than he is doing at the present time. Not only does the long journey necessary to get the live animals to the consumer eat up the prefits in freight charges, but the animal itself depreciates in value and when landed in Great Britain is intrinsically worth very much less for beef than when he left the ranch. The long haul thus cuts in both ways, and of course the producer suffers.

The need, while, perhaps, not so urgent, is just as great for Ontario In this province the production of beef cattle, while it has grown somewhat, is not nearly what it ought to be, ccnsidering our facilities. In our opinion the chief reason for this condition of things is because the market is more or less circumscribed. With only one way of exporting cattle, that of having them slaughtered within ten days after landing in Great Britain, there is no reem for expansion and no incentive to the producer to increase his output. The dressed meat trade, established at a central point in this province and on a sufficiently large scale to make its influence felt on the market, would greatly stimulate the beef cattle trade and make it possible for our farmers to engage in the business with greater assurance of success. If we were given to prophecy we would like to give this warning: that if Canadians are not willing to take hold of this business themselves and push it, not many moons will pass before the great American packer takes a hand in the game. To the producer it makes little difference who start: it going, though we would like to see in kept and managed by our own people.

The question of aiding this industry and secu. ing its establishment on a statisfactory basis, is being considered by the Minister of Agriculture, and through him, by the Government. What shape assistance, if any, is likely to take we do not know. There are several ways in which it might be done. Direct assistance might be given in the way of bonus or grant. Some, for good reasons, object to a bonus. But we have accepted the bonus principle in this country so far as the steel and kindred industries are concerned. Then why not for dead meat? More people would be directly affected than by aiding any of the industries now receiving aid. Alderman Dunn, of this city, who has just returned from England, suggests that the Government aid the dead meat trade by erecting at Liverpool, Southampton, London and Glasgow, cold storages for the reception of cargoes of chilled meat from Canada. This would be substantial aid, and if it could be supplemented by aid in securing efficient cold storage facilities from the abbatoirs to the seaboard and thence on board the ocean vessels to England, so much the better. Whatever conclusion the Government may come to, it cannot but be fully convinced that the time has come when something should be done to secure the chilled meat trade for Canada.

The following, given by Alderman Dunn in a recent interview, bears out our contention that there should be no delay in securing for Canada the early estab lishment of the export trade in dead meat :

"I have on former occasions dicted a great future for our cattle trade both in dressed meat and live cattle trade both in dressed meat and live cattle. On each of my visits to England within the last ten years I have found a great increase in the consumption of chilled meats, imported from the United States, Scouth America reading to the states, South America and other countries. This fact is, no doubt, having a great

effect upon our live cattle. "The prejudice of eight or ten years ago against chilled meat has almost entirely died away, and chilled meat is guoted in England today at 10c. to 12c. per pound, or within a fraction of the guoterion for the live animal. When the quotation for the live animal. When the difference in the cost of transporta-When tion of the living and the dead is taken into consideration, it may easily be seen that with proper facilities the chilled meat business is much the safer, but it will require a strong company organized will require a tong company or aneco in this country to start a concern of sufficient magnitude to compete with the American who is well established in the British market."

#### 38 To Save Time

The Parson-I intend to pray that you may forgive Casey for having thrown that brick at you. The Patient-Mebbe yer riverence 'ud be savin' toime if yed just walit till Oi git well an' then pray for Casey.— Brooklyn Life.

#### Ontario Fruit in the West

The conference of fruit men at Winnipeg, a report of which appears elsewhere in this issue, is of more than passing interest to the Ontario fruit grower and shipper. In Manitoba and the Territories the eastern fruit grower has one of the very best markets for his surplus fruit. The people there want only good quality, and are willing to pay for it. Not only must the quality be good but the fruit must be carefully and honestly packed and landed in Winning in good condition. With this guaranteed the Ontario orchardist has in the west a profitable market for a large share of the fruit which he can grow so easily and so well.

With this opportunity before him one would imagine that the Ontario grower and shipper would have made some special effort to gain and retain that market for himself. But he has not done so. By sending inferior quality, by bad, we need not say dishonest, packing, and by a carelessness which is hard to account for, the packer and shipper, or whoever may be responsible, has gotten Ontario fruit into disrepute in the west so much so that dealers there are beginning to look elsewhere for their supply. True, things have shown an improvement in recent years, but there is still not that confidence between the shipper and grower of the east and the buyer of the west that there should be in order to increase trade and put it on a satisfactory basis. The recent conference, if followed up, will do good and we look for an improvement in the fruit trade relations between this province and the west from this on.

One of the serious complaints made was in regard to transportation. It seems to be in no way adequate and satisfactory. The refrigerator cars are not at all suitable for the safe carriage of fruit. The icing methods are bad and frequently carloads of the most perishable kinds of fruit are lost through neglectful and careless treatment on the part of the transportation companies. No attempt is made to ice the cars enroute as they should be, especially in warm weather. Then the time from Ontario points to Winnipeg seems to be unnecessarily long. The subject is certainly one that should be brought to the attention of the Railway Commission. With proper cars and facilities for icing enroute and a reasonable time limit for shipments to arrive, a very serious drawback to building up a successful fruit trade with western Canada will be removed.

How far the Ontario shipper is to blame for the unsatisfactory condition of the trade at the present time is hard to say. From the remarks of one or two Winnipeg dealers at the conference, the average fruit shipper of this province is looked upon as dishonest and unreliable by the people of the west. This seems to be a little far fetched. No doubt there are cases, and, perhaps not few in number either, where the western dealer has had dishonest fruit loaded upon him. But the average fruit shipper

is just as honest as other citizens and will deal fairly. In fact if he is in the business to stay he must do so in orde? to retain his trade. For the cases of dishonest packing so irequently reported from the west. the shipper of the fruit is not always to blame. The trouble is due largely, as was pointed out at the conference, to many of our shippers expanding their business beyond a point where it can be personally supervised by the heads of the concern. For instance, in the apple season, a large shipper will have men in all parts of the province packing and shipping fruit. Though instructions may be given that the fruit shall be honestly and carefully packed, they may not be followed in every particular, and shipments m.y go forward that are not what the label calls for and for which the shipper is in no way to blame, though held responsible for the acts of his employees. A remedy for this condition of affairs is co-operation on the part of the growers in packing and getting their own fruit ready for shipment. In this way all the fruit in a section could be uniformly and honestly packed and sold to the highest bidder when ready.

While the conditions of the trade at the present time are not as satisfactory as they should be, the grievances are not so serious but what they can be removed by a free discussion of the question. Let there be frank and honest dealing between the consignee and the consignor and we feel assured a profitable trade can be developed with the west. The west wants our fruit, not the worst, but the best of it; and is willing to pay the highest prices for it. With this before him the Ontario grower and shipper should aim to supply the trade with what is wanted. If this is done we believe the dealer of the west will do his utmost to enlarge the market and keep Ontario fruit to the front. Br'tish Columbia and California are the Ontario growers' chief competitors in the west. Both these countries adopt up-todate methods in packing and shipping fruit and this will have to be done by the Ontario grower if he wishes to retain the trade of western Canada. .18

#### To Kill Insect Pests with Ants

For years the cotton-boll weevil has been a serious menace to the cotton crop of the south. The United States Department of Agriculture will try the experiment of destroying this pest by introducing among them what is known as the cannibal ant. These ants come from Guatemalia and several colonies have arrived in the south and the test will begin at once. They are known as entomological cannibals and do not injure vegetation in their native habitat. They live by preying solely upon insects and it is hoped that their introduction will rid the cotton belt of the bollweevil.

And old lady, being told that a certain lawyer "was lying at the point of death," exclaimed: "My gracious! Won't even death stop that man's lying?"



An Exmoor Ram. First prize Royal Show, 1903

## The Importance of a Pedigree

The Importance "My first lesson in the value of a predigrec, cannot be understand was helping the owners deliver two bunches of feeders to a firm that fed bunch was made up of northern bred atter in the days before improved blood had been introduced. The others were mative bred, from Central Ohio, from superior sizes. It was attumm and on the same pasture during the whole eason. When the first low sert over the scales the owner protested that he was getting short weight and had the gain proceeded, but with no better re-sults. The better bred cattle were then diriven over the scales and the weight recorded, to the astonishment of the first owner, who again the owned the weights must be wrong and could not understand how the little ones cent of the the size in the value and potence that the inter head ever sine I have be the binking and ever sine I have be to binking and ever sine I have be able wer in the value and potence of blood. of blood.

I believe in pedigree for man and beast, I would not buy a dog without a pedigree and unless my judgment were would not at fault I most certainly wou buy a pedigree without a dog. buy a pedigree without a dog. There was a minging of dry humor and phi-osophy in the words of two Scotch cattle breeders recently, when, as one led out a buil to be inspected, and re-marked, "He has a grand pedigree," the other replied, "I never saw a beast that needed one more." A pedigree is an authentic record of the ancestor of an animal. It ought than a mere record of ancestry. Pedi-grees are very generally overrated or

than a mere record of ancestry. Pedi-grees are very generally overrated or underrated. The error is usually mani-fest in one extreme or the other. Pedi-grees wreck some breeders and make others. In one case pedigree is the key to success, and in another the rock upon which the ship founders. To others who as breeders are never made or unmade by anything, and who never attain a creditable rank, pedigree is

attain a creditable rank, pedigree is nothing. The first essential in a pedigree is completeness. A proligree to be of the highest value must be full and explicit in all particulars. The second is authenticity. Without this the en-is the individuality or excellent find in the individuality or excellent find in the mid-induality or ess incomplete in regard to this requisite, except as

they furnish the show ring or prize winning record of the ancestry and the foot note comments.

The next requisite of a good pedigree integrity and reliability of the breeder, is integrity and reliability of the breeder, and in importance this deserves to take rank at the top of the list. The pedi-gree itself raturally affords no informa-tion as to this important feature. This must come from other sources and yet it is of such vital consequence as to be virtually an inherent part of the pedigree

we need to study individuality of breeders as well as individuality of cattle and hogs, or other animals. The next requisite, and closely connected with the one preceding, is the skill of the breeder. The value of the pedigree is affected by the ability as well as the integrity of the breeder. It does not require a careful observer at the sale ring to note the fact that the names of the men annearing as breeders of a line of anceappearing as breeders of a line of ances appearing as breeders of a line of ances-tors in a pedigree can easily make a difference of twenty-five or fifty or one hundred per cent. in the selling value of an animal and the breeding value may be affected to even a larger

The last requisite which I will enu-merate in propotency. It is a common and fairl, well grounded saying that even the nost successful breeders never even the nost successful breeders never succeed n getting more than one or twork. great sires in a lifetime. Most of the world's greatest breeders owe their reputation primarily to one such sire. Many breeders do not secure even one in a life time. There are com-paratively few strongly prepotent breed-paratively few strongly prepotent breed-

paratively few strongly prepotent breed-ing animals. The only absolute evidence of such prepotency is that which comes from actual test in the breeding herd, al-though most animals which possess this quality in marked degree have certain unmistakable indications of their strong found, is quite generally transmitted by the offspring. Pedigree is a means of good or evil in stock breeding. I have never known

in stock breeding. I have never known a successful breeder of any kind of stock a successful breeder of any kind of stock who was not a careful student of pedi-grees. Yet the field of breeding is strewn with wrecks and failures due to false standards of the value of pedi-gree. A pedigree craze followed blindly means certain disaster. "There is al-ways great danger of pushing the so-called fashionable and popular lines of breeding to the danger ponit. Pedigree followed blindly is fanaticism in breed-ing."

ing. A good pedigree never makes a good

animal, yet it is a significant fact that a superior animal almost invariably has a good pedigree. This is worth noting. It means that a good pedigree is an es-sential factor in producing a good ani-

mal. A good pedigree without a good ani-mal is worthless, and even a positive injury. As a practical breeder once put it: "Of all the scrubs in existence, deliver me from the pedigreed scrub." He was right, for the prepotency that comes from the concentration of blood comes from the concentration of blood lines is just as certain to perpetuate bad qualities as good ones. There is no greater fallacy in breeding than the assumption that practically any kind of a pure-bred or pedigreed animal will do, and that all the animals belonging to any particular breed posess the high-est and best characteristics of that breed. It is that kind of credulity which fur-mishes customers for gold brids stock only for the market think the gostion of pedigree is of no concern to them. This view is entirely er-roneous. There is no place where good bloods counts for more than on the

to utem. Ins view is culterly er-roneous. There is no place where good bloods econts for more than on the block. It has made a difference as high as had 00 placet, or the carcass, in ex-periments conducted at the Ohio ex-periment station. It may be truthfully asserted that you can not get a good piece of beef steak or a choice roast in any of the markets today without a good pedigree back of it. This at first seems like an extravagant statement, but it is literally true. Go onto the market any day of the year and look at the cattle that sell at the top price and you will observe unmistable ev-dence of good blood. These things do not come by chance.

by the end of the end are inherent reasons for animal excel-lence. These reasons are generations of good breeding. The animals that top the market may not have a written or recorded pedigree. The pedigree is none the less genuine, however, and none the less a potent factor in the final groduct. A pedigree in its fullest sense is in beief a summary or record of all that operates to make an animal what it is. No succesful breeder of any class of line stock ever improres pedigree. It is No successul breeder of any class of live stock ever ignores pedigree. It is only when we place undue stress on "blue blood" and follow pedigree blindly that its influence is injurious.—From an address by Prof. C. F. Curtiss, Iowa Experiment Station.

### .18

#### Exmoor Sheep

Exmoor Sheep The Exmoor breed of sheep are among the few true survivors of the old forest or mountain breeds of England. The Exmoor have while legs and faces, and black nostrils, and are horned, the horns curling closely to the head. They are delicately formed about the head and reference of the the carcases are mand on the second second second second and reference of the second second second the second second second second second the second second second second second the second second second second second they in which the Exmoors are rear-ed is generally surcharged with water after the autumnal rains; yet the hardy character of these sheep enable them to withstand such adverse conditions. Their summer pasture is senty, while their winter food consists chiefly of what they pick up while ranging over ex-tensive tracts of pasturage, with the as-sistance, in extreme weather, of a little indifferent har, obtained from the coarse herbage of the moors. By reason of ther superior haraflys of consitution ther superior haraflys of consitution resisting we compare the second second second the superior haraflys of consitution of the second second second second second second second the second second second second second second second the superior haraflys of consitution of resisting we compare the second second second second second second second second the second the superior haraflys of constitution of resisting we construct the second seco their superior hardiness or constitution and more especially their power of resisting wet, generally so injurious to sheep, they maintain their position in the south-west of England, under cir-cumstances where other sheep would fail to thrive. H. A. S.

#### Training the Saddle Horse

From Kentucky have come many good saddle horses and runners. Mr. Chas. L. Bailey, of that State, gives his views on training the saddle horse as follows :

A saddle horse is one that can be ridden with a light hand on either the curb or snaffle, or both. He should guide by the neck, be responsive to heel and hand, so that he can be readily collected and made to go in form.

he can be readily concered and make to go in form. A well-trained horse goes without pulling or yawing his head, and can walk well and fast, trot handly, flexboth knees and hocks at equal height, this giving ease in posting and not tiring the back.

not tiring the back. The horse should set off on a quiet, easy canter when asked—any horse can gallop—and lead with either foot at the will of the rider. If these char-acteristics can be found in connection with a finished conformation, one say that he owned a typical might saddle horse.

The layman has but a small con-ception of the time, trouble, patience, perseverance and skill required to perseverance and skill educate a saddle horse.

Horses are like people—some learn more readily than others—but no horse can be properly mouthed and thoroughly trained in less than a year, some requiring even longer.

When a horse comes into my school his lessons begin with a plain snaffle his lessons begin with a plain summer bit, regardless of any previous experibit, regardless of any previous capit-ence the horse may have had. With this bit his jaws are thoroughly flexed and suppled, so that he responds and yields to the slightest pressure on bit and rein.

He is taught to back (not forced) and to stand while being mounted. In six weeks the bit and bridoon, pro-perly the double bridle, is put on, and

perty the double bridle, is put on, and the same lessons are given over again. After the horse has been accustomed to the double bridle, his lessons in walk, trot and canter begin. What is meant by Hexing and suppling of the neck and jaw of a horse cannot be de-fined on paper. fined on paper.

It might be comprehended by illus-tration, but much more clearly by ac-tual observation of the work when be-ing done by skilled and competent hands

hands. Anyhow, this system is separate from anything and everything like force, and is directly opposite to that of Kentucky trainers, which they term "setting the head," by pulling his nose in with the curb and forcing him moments in with the surre, which results against it with the spurs, which results in the horse carrying himself in bad

A horse thus taught is fighting the bit more or less, which unbalances his action and detracts from his comfort to the rider.

A woman's saddle horse is the mos-difficult to obtain, however great a price one may be willing to pay, be-cause the horse must closely approxiwoman's saddle horse is the most

For, owing to her side seat and her comparative lack of strength, a wo-man has but little control over a horse, thus rendering it imperative that her horse should be of even temper, with great courage and perfect manners, and a light mouth, true and level trot, so that she can post easily or sit close, as she may select.

of sit close, as she may select. Another stamp of horse very rare is what is termed the weight carrier; and it is a mistaken idea that beef and bone are the sole essentials of a weight-carrying horse. More depends on how the animal is put together. The leg should be wide and thin, the sinews of whice of the true shoulders sinews of whipcord texture, shoulders oblique, with great depth of girth and short back. A horse so conformed

should cleverly carry 19 per cent. of his weight. A well-bred, a well-trained saddle

horse is not only your servant, but be-co.nes you- companion and is first of all physicians.

#### Sheep for Tread Power

Forest Henry describes the use of sheep on a tread power for separat-ing milk, as follows:

ing milk, as follows: "Of late we have been using a sheep ower for turning the separator and ind it a complete success. We use a find it a complete success. sheep that weighs around 150 pounds sheep that weighs around 150 pounds and would not recommend one any smaller. I expected some trouble and found it in training one for the work. In ten days, however, he would run and jump into the power of his own accord on being turned loose. I think, though, it is more for the feed that he finds in the little box just in front of the power than it is for the fun he gets in treading it. We don't care which, so long as he does the work. The great thing in training a sheep for this is to keep your temper sheep for this is to keep your temper and use your ingentity in getting him to work. For a few days we were compelled to set a fork behind ours in such a manner that if he worked back he would get pricked. He soon learned that the best place for him was up to his place, so he did not come back many times against the come back many times against the fork and never hard enough to draw blood. We find that the tread power runs the separator much more stead-ily than it is possible by hand. Alto-gether we find the separator with the power the best paying machine on the farm." 38

Heaves in Horses Speaking of heaves in horses, Wal-

Speaking of heaves in horses, Wal-laces' Farmer in a recent issue said: "In mild and recent cases the heaves may often be cured entirely by turning the horse out to pasture for two or three months. If it is necessary, how-ever, to work a horse affected with this trouble, he can be relieved gready by feeding no hay except at night, and then only a very small amount of clean and bright hay, entirely free from clean and bright hay, entirely tree from dust. If there is any danger of dust it is well to dampen it, but only bright hay should be given. Roots will be found helpful; beets, turnips, potatoes, or anything of that sort that the horse will eat. The amount of water should be limited as much as possible and no. be limited as much as possible, and no horse with heaves should be given water horse with heaves should be given water for one or two hours previous to going to work. Dr. Law recommends ar-enic in five-grait does daily, and continued from a month to two months, as espec-ially valuable, and says that the bowels must be kept easy, by laxatives if neces-sary. By treatment of this sort a heavey horse can be greatly relieved. When the horse can be greatly relieved. When the disease first comes on it will pay to turn the horse to grass, with the hope of effecting a cure at once and before the disease progresses to the extent where is becomes incurable."

#### 38

#### The North-West Lien Act

In the North-West Territories they have a very good lien act that might with advantage be copied in some of the older provinces, especially in Ontario. Some of its chief provisions are as fol-

(3) Every person, firm or company (3) Every person, nm or company standing or travelling any stallion for profit or gain in the North-West Ter-ritories shall cause the name, descrip-tion and pedigree of such stallion to be enrolled in the department and shall procure a certificate of such enrollment

as hereafter provided. "(4) The owner of any stallion shall post up and keep affixed during the

whole of the season, copies of the certificate of such stallion issued under the next preceding section in a conspicuous

next preceding section in a complicious place both within and upon the outside of the main door leading into every stable or building where the said stallion stands regularly for public "errice." Three different forms are provided on which the certificate of a stallion shall be filled in accordance as the ani-mal is '1) a pure-bred and registered in a stud book approved by the Com-missioner of Agriculture; (2) the off-spring of sire and dam not of pure breeding; (3) the offspring of pure-bred sire and dam, but not of the same breed. By this arrangement the certificate shows the exact breeding of the stallion, and the exact breeding of the stallion, and the farmer can ascertain in a moment what kind of a stallion is being offered him. Other important sections of the act are:

"(8) Every bill, poster or advertise-ment issued by the owner of any stal-lion enrolled under this Ordinance or used by him for advertising such stalli in shall contain a copy of its certificate of enrolment.

"10) The owner of any stallion hold-ing a certificate of enrolment for such stallion under section 5 of this Ordinance (that relating to the pure-breds) or his agent may file in the office of the regi-stration clerk of the registration district for mortgages and other transfers of personal property in which the owner or person in charge of any mare upon which such stallion performs service rsides, within twelve months after such service is performed. a statutory declara-"10) The owner of any stallion holdservice is performed, a statutory declaration setting forth:

1. The amount of service fee;

2. That the same is unpaid;

3. The fact of such service;

4. A reasonable description of such mare; and

5. The name and residence of the owner of such mare.

(11) The owner of such stallion upon (11) The owner of such stallion upon filing such statutory declaration and complying with the provisions of this Ordinance shall have a lien for the amount of said service fee and costs as hereinafter provided upon the colt or filly the offspring of any such stal-lion by reason of the service in respect of which such statutory declaration is filed, which lien shall take and have filed, which lies shall take and have priority over any and all writs of execu-tion, chattel mortgages, bills of sale,

tion, chattel mortgages, bills of sale, claims and encumbrances whatsover. "(12) If payment of the service fee is not made before the first day of Jan-uary in the year following the year in which the colt of filly is born, the owner of said stallion or his duly authorized agent may at any time before the first day of May following take possession of the colt or filly upon which he has such lien as aforesaid wherever the same may be found and may proceed to sell may be found and may proceed to sell the same by public auction after giving the person in whose possession the said the same by public auction after giving the person in whose possession the said colt or filly was when taken ten days notice in writing of such intention to said which notice may be effectually given to such person by delivering the same to him personally or by posting it upon the door of such person's lask known place of residence in the North-West Terrol. The second of a shell be as

Territories. (13) The proceeds of sale shall be ap-plied first in payment of the reasonable expenses of the taking of possession, giving of notice, and conduct of sale, not in any case to exceed \$10 in all, and the shalmes shall be paid forthwith by the owner of the stallion to the per-son from whose possession such colt (14) Violations of any of the prov-sions of this Ordinance shall be an offence for which the offender shall be liable on summary conviction to a pen-

liable on summary conviction to a pen alty not exceeding \$25.



Sheep Clipping in Yorkshire, England.-A Familiar Scene in the Springtime.

## Shearing Time

BY OUR ENGLISH CORRESPONDENT

Sheep shearing is an important part of farm life in England during May and June. Fortunately there is a better outlook for the product than there has been took to the product man there has been for some time. Shearing time is very different from what it was in the days of our forefathers, for then it resulted in a jollification and festivities reigned supreme. That was the time when the demand for wool greatly exceeded the generic woolen clocks and monoton tries provide the state of the Prospects this year are fortunately bet-ter in consequence of an important rise ter in consequence of an important rise in the markets for all kinds of wool. The sorts that were quoted last spring

#### Fall Wheat in Western Ontario

The wheat crop is one of the things the whet ctop is one of the dinige to be reckoned as largely a failure throughout western Ontario. In most places it was seriously damaged by the severe winter, more especially in the southern parts, where a thick crust form-ed over the deep show and smothered the southern parts, where a thick crust torm-ed over the deep snow and smothered the crop; those who plowed the wheat down and sowed other crops have the most reason to congratulate themselves. Many instances are to be seen where the far-mer simply sowed barley over the damaged portions, expecting thereby make good meal and roughage. Further north, the crop appared to fare be-ter, and, while a considerable portion was killed or damaged, there were many fields to be seen that appeared in flour-ishing condition, and promised a bounti-ful harvest. Rust has attacked these, and the general sample of wheat to be found in the best looking fields of On-tario is about as poor as has ever been seen. Rust is one of the things which scientific research and experiment seems unable to offer any remedy for. scientific research and experiment seems unable to offer any remedy for. Given a dry, early summer, with later enough rain to produce fairly rapid growth, even a week's succession of heavy dews even a week's succession of heavy dews or loggy mornings, and damage from rust is about as sure as the coming of harvest itself. Generally speaking, too, it is the best varieties of wheat, un-der other circumstances, that suffer the most from rust. Such grains as goose wheat or speller, are practically unaffected, while the grains that have become popular through their other commend-able qualities are the heaviest sufferers

Various attempts have been made to place the credit for rust in various places. A short time ago a series of experiments seemed to give grounds for

from 17 to 18 cents and 20 cents per lb., were only worth from 10 to 12 cents per lb. a year or two ago, and some wools were even placed as low as 9 cents per were even placed as low as 9 cents per Ib. Flockmasters are thus congratulat-ing themselves upon this welcome change, and by the tone of the markets there appears to be no immediate pro-spect of any relapse from the upward movement. Cloth has already gone up in price, especially for the best qualities, which are made from new wool, and as far as I can ascertain buyers and manu-facturers an licipate will go higher than they are at present. The shc.p owner can only devoutly hope that it will be 80.

the surmise that barberry bushes were fertile in imparting rust to cereals in their vicinity. These were ordered to be destroyed, other measures were taken, but the rust is still here. There is pos-sibly a good field for investigation on the part of the pure-bred seed associa-tion in this department, and a trial to determine it seed of good sample, grow-ing on stalks unaffected by rust, would not prove the progenitors of plants en-joying some comparative immunity from this plague. Thus far, other cereals seem to be unaffected to any serious extent, but the prospet is a very unthis program that the prospect is a very un-extent, but the prospect is a very un-critain one, and farmers will congratu-late themselves if they suffer no more losses through damage to their cereal losses through damage. J. W. S. .12

#### The Outlook for Fruit

The Outlook for Fruit The Fruit Division, Ottawa, obtained during July a very full return with reference to the fruit crop of the Do-minion, which is in part as follows: Dividing the apple crop into fall and winter varieties the reports show a medium to fall crop of the former. In the apple sections, from which the bulk of the winter fruit will be obtained for export, the crop is not as large as last year but may be classed as light to medium. A very clear distinction must be full acrop senter and good for the section of the section of the printing atock. The generally shows a very large crop of fruit that will come into direct competition in the present time Europe means the promated seriously we keep market for winter to be the present time Europa. not competed seriously w ing varieties. The app Canada appears to be singularly in sear from the attacks of ine and fun-gous diseases. It is quite prohable that

the codling moth will not be a serious pest, but there are indications that the spot may yet develop to a alight, if not a Pears, except in British Columbia, will be a light crop. There will be very few for export, but the quality of those will be good. Development of the second second second broughout Oniario. In the rest of Canada, wherever grown, they have been light to medium. Only one of two districts report ser-

light to medium. Only one or two districts report ser-ious depredations of insects, and the indications at present are that fruit growers will be little troubled this year by either insects or fangous pests. The reports from the United States, garicularly those portions that compete with Canada, indicate a large but not an extraordinary cop of fruit. The indica-tions in England, France, Germany, Hol-land and Belgium point to a corp some what above the average. .12

#### Nova Scotia Farm Prospects

3d Nova Gota Farm Prespects The midsummer lull is now in evidence and trade generally is of a holiday character. In some lines ia which far-mers in particular zee interected the ducts are externely dull and dealers are stocking at unheard of prices. In fact, it is hard to say what is to be done write bardine Provinces have this year to dispose of. There is little export outlet and there is only one exporting house in the city that is now doing much huy-differed on the Charactertown Cheese Board, and was withdrawn because only 754 cents was bid. A small number write sold at Yova Socia and New Bruns-but buyers are few. Butter also is ex-trenely dull and jobbers are paying only 125 is and to a state a so and the set bard and jobbers are paying only they be the price here would be at least acent higher were it would be at least acent higher were it would be due to a disposition to undersel each uter. The set the province are other.

rise to a disposition to underset each other. Farmers throughout the province are now cutting their upland have. Owing to the dry weather which prevailed for the last month the hay on the uplands with be only about 76 pt ceres, which comes for the second second second second the intervales and dyke lands surround-ing the Bay of Fundy, and these have been much benefitted by late rains and as it is much later in maturing than up-land hay it will probably reach an aver-age yield. Grain and root crops are estimated below the average by the Nova Scotia crop report, but conditions have mater-ially improved since its publication. The apple crop still promises to be a very large one in this province. Fishermen are doing very well, and as this industry is a very important one

Fishermen are doing very weil, and as this industry is a very important one in Nova Scotia, a good fish year means much to almost every branch of busi-ness. Two Lunenburg Bankers have just arrived from their summer voyage, one with 1,500 and the other 1,600 quin-tals. Last year the vessel average for the entire season's work of three voyages means on the lightly over 4,000 quints

the entire season's work of three voyages was only slightly over 1,600 quintals. Horse racing in Nova Scotia has re-ceived a sethack. Some ten days ago the trotter "Drusil," counded by 1, 1, Horse voyages and the season of the theory of the season of the season of the tweek Amos. B. Elter's speedy mare, "Yonita F," died on the train after a close race at New Glasgow. Horse racing is evidently a risky business with which farmers should have little to do. --J. B.

### The Dominion Fair

Generally speaking the Dominion of Canada Exhibition held at Winnipeg, July 26 to August 6, was a succesa. The attendance on the whole was good, though it was felt that the rank of visitors from the big west was not so great as was expected. Still there was no lack of onlookers for the various events. To see the "free for all," there was a regular jam on both days. If the management could have pulled off an event of this kind every day the grand stand receipts would have been trebled. The westerner dearly loves a horse race. No expense or difficulty is seemingly too great to prevent his being present when the event comes off. The management endeavors to grat-ify his wishes as much as possible and off. The management endeavors to grat-ify his wishes as much as possible and consequently the horse race is the chief attraction of the Western Show. In fact, to an outsider it would seem as if the racehorse man was more than "i." He had the best attention in stabling, etc., and there were numerous com-plaints from stockmen as to the inctc, and there were numerous com-plaints from stockmen as to the in-conveniences they were put to in finding accommodation for their exhibits, all because the best had been given up to the rachorse fellow. While the horse race is required stockman then do give a neglected. He is is who gives a show permaance and character. The live stock show at Winnipeg was one of which any country might well feel proad, and those who made it so should receive every consideration. While the stab-ling arrangement for stock was fair, we heard many complaints about scare-ity of bedding for stock. To ask a herdsman to care for his pets without proper bedding, etc., is to arouse his is re up to the bolling point. A large tert did dding as an arena for judging cattle, while a ring outside the Colonande served the same purpose for

indging cattle, while a ring outside the Colonnade served the same purpose for horese, though the judge in some of the light classes had to place the ribbons without the protection of a suitable ring. But there is a reason for this. A little over a year was too short a time to get ready for a big Dominion fair, even for a country where they rush things as they do in the west. A great deal had been accomplished, however, and the ground's buildings, etc., were much last visited Winnipeg's big fair in 1901. The prosent grounds are on the small side, and with the big prairie to choose irom a larger and better location could be secured we think with little difficulty. The side show, which was yery much be secured we think with little difficulty. The side show, which was very much in evidence this year, could then be regulated to some part of the grounds, where it would not continuously be be-fore the eye of the visitor desirous of secing what the west could do in live stock, grain, etc. But with an ener-getic manager and hoard of directors we look for these things to be set right in the near future. Winnipeg's annual fair will continue 'o grow, and to be one of the leading fairs of the Dominion. Every effort should, therefore, be made Every effort should, therefore, be made to equip the grounds and provide facili-ties for holding an up-to-date agricul-tural show.

From the farmers' point of view the From the farmers' point of view the live stock exhibit must be given first place. In Clydesdale horses, Shorthorn and Ayrshire cattle there were shown as fine a lot of animals as one could wish to see. The west has never seen a finer display, and outside of Toronto, Ontario has furnished no better exhibit.

#### HORSES.

The heavy horses were judged by Robert Ness, Howick, Que, who as usual did his work well. In Clydes-dales there were placed before him as ine a lot as he has ever judged. The exhibit throughout was a grand one.

The number was not very much greater than has been seen at previous Winni-peg fairs, but the quality was better. The greatest interest centered around the aged stallion class. Fourteen fine

peg fairs, but the quality was better. The greatest interest centered around the aged stallion class. Fourteen fine animals entered the ring, among them being the first and second prize winners at Chicago winner of last year, we be chicago second and a popular winner. Concord, the champion Tydesdale last year, was placed thicd, with Woodend Gardtey shown by A. G. Mutch, Lumaden, Assa, was a close second and a popular winner. Concord, the champion Tydesdale last year, was placed thicd, with Woodend Gardtey shown by the Napinka Clydesdale Horne Breeders' Association, a second winner at Chicago fourth. He was not in good show condition and therefore had to drop down. The three-year-olds were a strong class. From this came the stallion championship in Baron William, by Baron's Pride, shown by J. A. Mitchell, Winnipeg, and imported by Graham Bros, Claremont, Ont. He is a big strong fellow of good quality, and already havidas a good show ring record. He was first at Toronto and Chicago last fall as a yearing. Second place went to Sonsie's bets, shown by Win Moodie, De Winton, Alta, a representi-tive type but without the sim of lass fund fair. Lowidown, Balash, Ont, had third and fourth place. The latter took the red in the yarding class for a get of old Macousen. A good ring of brood mares with foals by their side faced the judges. Mutch Bros, had first for Charring Lassie, a low set, smooth one and a good mover. Tully Elder had second and Stephen Benson third in Princes Sonia, a clean cut good one. The class for brood mare and two of one and a good mover. Tully Elder had second and Stephen Benson third in Princess Sonia, a clean cut good one. The class for brood mare and two of her offspring brought some good ones, to a sonic strain the sonic Lass and a daugh-ter and son. They made a fine trio and would be hard to beat in any company. Tully Elder had second and Andrew Graham, Pomeroy, third. Three-year-old fillies were strong with Princess Ethell of Mitchell's string first and Charring May, shown by J. B. Thomp-son, Hamiota, second. Mutch Bros. had in the second strong with Princess Ethell of Mitchell's string first and Charring May, shown by J. B. Thomp-son, Hamiota, second. Mutch Bros. had in vertings, a n.w man, M. E. Sutton, Roland, Man, had first honors. Three yas big battle for the Association prize for best mare between Mutch Bros. Sonsie Lass, the champion of many show rings. Both were hard to beat, though the latter showed a little more style, and secured the coveted honor. The show of Shirts was small and

and secured the coveted honor. The show of Shires was small and away below in number what it was last year. It was disapointing, and why it should be so is hard to say, as there 's certainly room in the west for this favorite English horse. Only three Peerlor of suppared in one Galbraith's stable at Brandon, he also showing two Suffolks. Suffolks.

same at Diandon, ne and submitting two Suffolks. The show of draft horses was not as large as might have been expected at a show of this magnitude. Gener The hold was not been as more than made up in the draft teams. Never has a finer lot been seen in the west. They were six in number and of the true draft type. The entry for general pur-pose was fair, with some good useful animals to the front. Generally speaking the show of light horses was nothing to be proud of. They were judged by Dr. Tolmie, of Victoria, B.C. One or two fine speci-mens were shown. A brood mare shown

by C. F. Brunell, Winnipeg, with foal by her side, was worthy of special note. Wilson & Mathew, Regina, showed a yearling filly of much merit. She show-ed great speed in both pace and trot. In roadsters the single drivers were ed great speed in both pace and trot. In roadsters the single drivers were very good, the strongest perhaps in the light classes. These Kelly's entry came year, and shown by J. & E. Brown, Portage La Prairie. Carriage horses made a poor showing. The entry for Thoroughbreaks was not large and the comprisition was not very keen in any of the classes. The ribbons were placed by Dr. Rutherford, Ottawa. Though there was a class for them, the real high-stepper was complications by his absent. In the fair break, Ju Hack-neys, Purina, winner in the two-ycar-old was male champion. He was shown by Wm. Moodie, De W inton, Alta., and was bred by Rawlinson Bros, who have produced some noted high steppers. The competition was not at all keen and not what one would expect at a Dominion fair. fair.

#### CATTLE.

fair. CATLE. The cattle display throughout was a fine one and a credit to the Dominion. Shorthorns were to the front in the beef classes. The piums of the context did not go to western breekers, though a fine judged by J. M. Gardhouse, Weston, Ont, and Walter Lynch, Longburn, in the absence of the regular judge, who disappointed. They had no easy task. For buils four years and over some not-ed ones entered the ring. Spicy Mar-quis, recently bought by Sir Vm. Van Horne for a high figure, was among thown as Vec. Little, NN-Lam. The latter was in splendid fit, level and not at all over done. Spicy Marquis is a buil with lots of character, me touch and great depth in front. He showed a little more roughness than the former, but was well handled by Toelteman, at na good bloom a be others, third. Though the ludges phodub had good below The indges placed Spice Marquis first, Socitish Candian see Nobleman, a good masculine type will, though not in as good bloom the others, third. Though the judges no doubt had good reason for placing as they did the deci-sion was not a popular one, and many a vol judges would have reversed first and second place. Senator Edwards' Village Champion was an easy winner-in ar-old a Marquis of Zenda bull, shown by G. & W. Bennie, Castleavery, Man, was first. The senior yearling class was not alton one. J. G. Bar-ron had first for Nonparell Victor, a big red fellow. The junior yearling class was an otable one, as in it was found the junior and grand champion bull. He is a level, smooth fellow, but with no outstanding features. He came from the Salkitk hird, and was bred by Cull calves, the red ribbon went to the Pine Grove herd, for a deep, masculine-looking calt by Village Champion. Bar-ron had second and Edward's third. In junior bull calves aget of Spicy Marquis carried first honors to Van Horne's herd. The senior championship went to Village Champion, Edward's Duhle bred bull, with some fine young stock to his credit. His competitor was Spicy Marquis, who is Marr bred. The honor way of at. The females were yen a stronger to than the males, cows four years and over being a collection of good ones, among them being Missie ISTA( of \$0,000 fame. She had to be content with third place, being beaten by Van Horne's Mayflower 3rd and Empress 1241. The former is a re-markable cow, with much substance, good size and quality. She is by Royal Sailor. She came in for the senior and grand championship honore, which

#### 15 August, 1904

she well deserved. In the three-year-old class Edwards had first and third and Van Horne second, in a not very strong class. The two-year-olds were atrong clas. The two-year-olds vere a strong class, with Edwards first and second, with the thick, lowset, white Golden Bud and the ref roan daughter of Missie 1337d, by Bapton Favorite. Honors in senior yearling went to Van Horne, In the junior yearling class Barron's well matured, thick roan got the red, and Edwards' Missie of Pine Grove second. The senior heifer calves vere a good lot, with Van Horne first. Edwards had first in the junior clamp-ion female in Soirz Duchess. a red Edwards had first in the junior calls class. Van Horne had the junior champ-icn female in Spicy Duchess, a red Missie of Pine Grove 6th being a close second. In herds the Selkirk establish-ment had rather the best of it, while for bulls and their get Edwards was on

top. The Hereford display was not as large The Hereford display was not as large as expected and in many ways dis-appointing, hough some fine animals were to be seen. The exhibit was not at all what the white faces of the west can do. The contest was between Jio. Wallace, of Cartwright, and J. A. Chap-man, of Beresford, with honors pretty well divided. J. A. Elton, Winnipeg, entered a number, but cheily for sale purpose. Champion honors in the bulls went to Wallace, while Chapman had the output for the second showing The Advont second showing the second showing the second transmission second second showing the second second second the second second second showing the second second second transmission second second showing the second second second second the second second second second second second second second the second second

went to Vallace, while Chapman had the champion female. et a good shoving. It was the 'set show of Doddies ever seen in western Canada. The quality was good and the exhibits were in good fit. Ontrio was represented by W. R Stewart, Lucasville, and Butt & Fisher, Clinton, and Manitoba by Walter Cli-ford, Austin, McGregor & Martin, Rounthwalte, and Jas. Caltrea, Car-raher the best of it, though Stewart stood up vell in bull calves. McGregor & Martin had the senior and grand champion bull, and Nathn Upbena, a North Dakota exhibitor, the junior champion bull, and Nathn Upbena, a championship.

ampionship. Though not strong in numbers, the alloways put up an exhibit of merit. 'm. Martin, Winnipeg, and D. McCrae, with the strong Wm Wm. Martin, Winnipeg, and D. McCrae, Guelph, were the two exhibitors with honors fairly well divided. Martin had the senior and grand champion bell and junior and grand champion bell and senior champion cow. Two herds of Red Polls were shown, and attracted considerable attention. Dr. W. H. B. Medd, Willowala, Ont, judged the beef breeds other than Shorthorns.

#### DAIRY CATTLE.

DAIRY CATTLE . While the west is not a dairy country, Winninge puts up a good show of dairy cattle. While Holsteins and Jersery were well represented, the Ayrshires carried off the palm for a jam up good show. Reford's, Ogilvic's and Nesy, the three best herds in quebec, which means the best in America, had good contingents out. But they did not fur-nish the whole exhibit; Ontario, Mani-toba and the Territories were represen-ed. Geo, Steel, of Gienboro, Man, acted as judge and had no easy task. toba and the 1erritories were represen-ed. Geo. Steel, of Glenboro, Man, acted as judge and had no easy task. The best honors, as would be expected, built in King's Creat, a built of spilendid Ayrshire type. He is masculine but not coarse. Oglivie's had the champion cow in Cars-gowen Maud Bell (imp.), a handsome young cow of fine form and finish though on the small side. The Holsteins were numerically weak-er than a year ago, but the quality and ers competed. James Herriot & Son. Souris, Man, had the champion built in Sir Pietertye Burkey De Kol, a fine smooth shoulderd fellow, with silky skin. To A. B. Potter, Montgomery, Assa, went the female championship for a deep-bodied cow of good dairy form.

With the exception of one or two minor exhibits, B. H. Bull & Son, Brampton, Ont, supplied all the Jersey display, which was no mean one. They of course carried off the prizes, J. C. Russell, Winnipez, securing second for aged bull. Though there was no com-petition, the Messrs. Bull deserve credit for going such a long way and putting up such a good show.

#### SHEFP

The sheep display was somewhat of a disappointment for a Dominion Fair, and yet, taking it altogether, the show ore at Winniegether, was the best very classes there was little or no competi-tion. Elgin F. Park, Burgeswille, Ont, had it all his own way in Cotswolds. In Leicesters, A. D. Gamley, Brandon, met with no competition. In Oxford Downs, Alex. Wood, Souris, Man, and the well-known firm of J. H. Jull & Son, Burford, Ont, made a good showing, though a little better fitting would not have come amiss. Wood got the red and tightle better fitting would not have come amiss. Wood got the red and they for a god ram, and also for hearing rams. There was a strong class of Southdowns out, the best sheep exhibit on the grounds. The sweep-stakes male of this breed, shown by John Jackson & Son, Abington, Ont, was considered by the judge to be the best sheep at the show. He is a tidy, com-pact fellow of good size. The sweep-stakes flemale were not lightly woon. W, T. Lyttle, Beaconsfield, Man, was alt Johne in Lincolns. In Shropshires, D. C. Corbett, Swan Lake, had much the sets of it, taking all the best prizes, W L Trann, Crystal City, and t. S. Furston were the other exhibitors. SWIR The exhibit of aving was not me mich The sheep display was somewhat of disappointment for a Dominion Fair,

#### SWINE

The exhibit of swine was on the whole very satisfactory, but there was a lack of finish or show ring bloom on the pigs in all classes, only a few animals, and these were in the sections where and these were in the sections where matured animals were shown, gave any indication of having been fitted for the show ring. When we speak of show ring fitting we do not wish to be mis-understood. To be properly fitted for the show ring it is not necessary that the pigs should be overloaded with fat, but their skins should be clean and smooth, being in sufficient flesh to fill out any wrinkles, and showing a healthy vigorous body, that is in a condition to make the best use of the food given. The pigs shown in the younger sections were small for their age and were not as good in quality as those in the older sections.

small for their age and were not as good in quality as those in the older sections. Competition in Berkshires was limited to two exhibitors: Mr. A. B. Potter, Montgomery, Man., showed an aged boar and an aged sow, both of good quality and each winning first in its section. Mr. Wm. Wilson, Brampton, Ont, had quite a large entry in each section, and among his exhibit indi-viduals of high merit were shown. His first prize yearling boar, Willow Lodge Leader, is a pig that any breeder might feel proud to own. He possesse, great Leader, is a pig that any preceder might feel proud to own. He possesses great length and depth of side with good bone and a well-fleshed back, showing in a marked degree the correct type of

con hog. The exhibit of Poland The exhibit of Poland Chinas was made by two exhibitors: W. M. Smith, Scotland, Ont., and W. L. Trann, Cry-stal City, Man. Each of these exhibitors had some good specimens of the breed, but the exhibits as a whole was not of a high order of merit. Large Yorkshires brought out strong competition, but there was quite a variety Andrew Graham, Pomeroy, Man., hud the largest herd on exhibition and also secured a major portion of the prizes. Ch inas

secured a major portion of the prizes

His pigs were of uniform quality and brought out in good condition. His aged boar was a useful pig but was slightly deficient in scale. In the aged supply deriven in scale. In the aged sow class he exhibited two choice sows, that were formerly purchased from Major Hood of Guelph. One of these we understand was champion sow at Winning in 1903, but she now shows a little unevenness of flesh, and for that Whining in 1905, out she now shows a little uneveness of flesh, and for that reason secured only second place. Senior champion boars, grand champion boar, junior champion sow and first prize hort this anong the honors secured boar, a boar under one years a dearing boar, a boar under one years a dearing ling sow, all of which were successful in winning prizes. W. H. Marsden, Brandon, Man, had a small exhibit, and was especially successful in the younger classes, his young pigs being of a very desirable type, showing picnty of quality. He secured first in calendar boar and calendar sow, also first in junior champion boar. A. B. Potter, Montgomery, Assa, had the next largest boar and calender sow, also first in junior champion boar. A. B. Potter, Montgomery, Assa, had the next largest exhibit to Andrew Graham, his pigs were well brought out, and he secured quite a number of prizes. Stephen Ben-son, Neepawa, Man, was very success-fal in the aged sow class, winning first in that section and also securing the champion sow was in thin condition, but was without doubt the best type of sow at the Exhibition. the Exhibition. The Tamworths were a very strong

at the Exhibition. The Tamworths were a very strong class, in fact they were the best lot in the show and it is doubtlid if a better exhibit of Tamworths has ever been shown at Toronto, in point of quality, expecially in the senior classes. R. S. Preston, Filot Mound, Man, were board, Honest San with the shown of the length and depth, with a good head, a deeper flank and hams than is usually found in pigs of this breed. He has also proved himself to be a good sire, as a number of his pigs were winners in the younger sections. Senior champ-ion boar, junior champion sow, grand champion boar and first prize herd went founds, had perha thems. The successful in the different sections, his pigs were all brought out in fine con-dition and showed good uniform quality. W. L. Trann, Crystal City, Man, had also quite a large exhibit, and although successful in the different sections; his stock were well brought out, how as stock were well brought on the weak also mething the section is and stock were well brought out, how as also goute a barge exhibit, and although successful in the different sections; his stock were well brought out, how as also goute a barge the barge and the weak stock were well brought out, how as also mething the barge the barge and the barge the barge and the weak also proved barge barge and barge and had barge the barge and barge and had barge the barge and barged barge the barge and barged barget the barget and barget and although stock were well brought out, how as also mething the barget and barget and how and barget and barget and how and barget and barget and how a barget and torumate in securing first on aged sow, also senior championship, James Glennie, Longburn, Man, showed a very choice two-year-old sow, which secured 2nd in her class, and also first as sow with litter. She had the appearance of being the most useful brood sow in the Total the source of the sourc the Tamworth exhibit.

#### DAIRY AND AGRICULTURAL PRODUCTS

DARY AND AGRICULTURAL PRODUCTS. DARY AND AGRICULTURAL PRODUCTS. Though not a dairy province, Mani-toba puts up a very good exhibit of cheese and butter. The exhibits this year were iduged by J. W. Mitchell, School. He pronounced the butter ex-hibit a very good one from a mechan-vere very creditable. The creamery ex-hibit a very large one. The chief defect was bad flavor, due largely to over rige cream kept in unsuitable in cold storage on June 20th in Wunsi-ege, showed bad keeping qualities. It was off in flavor. More attention must be given to the care of the cream. The mechanical part of the cheese ex-hibit award done. Some lots were of un flavor, some had too much acid, one or two lots were of very fine flavor. A good display of this year's roots I (Continued on page 607.)

(Continued on page 607.)

## In the Dairy

#### A Well-known Dairyman Passes Away

Away On July 27th last, death removed one of the best known and highly respected dairymen of Western Ontario, in the gersion of Mr. J. A. James. He was identified with the cheese industry as far back as 1867, when he first arrived in factory at Nilettown, which has since always maintained a first place for fine dairy ornducts. Not a five of the best always maintained a first place for fine dairy products. Not a few of the best makers in the west received their train-ing at this factory under Mr. James care and direction. He was always glad to impart information, and his kindly and generous disposition made him be-loved by all who knew him. For several loved by all who knew him. For several years Mr. James was a director of the Dairymen's Association of Western On-tario, and his genial handshake and kindly smile will be greatly missed at the annual gatherings of that organiza-tion, whose interests he worked faith-fully to promote. His fine farm near Nilestown was long the home of one of the best Ayrshire herds in Western Ontario.

Mr. James was born in Caermarthin, Wales, in 1830. A widow, two daughters and three sons remain to mourn his loss. .12

#### A Tribute to the Cow

In opening a sale recently held at Springfield, Ill., Col. F. M. Woods, the well known auctioneer, delighted his hearers with the following eulogy on the cow:

<sup>III</sup> Coww and noble brute! Of all the animal friends of man she is the great-eat! To her we owe the most. Examine all the different channels of commerce into which she enters and note the result should she be bolted out. A Sunday stillness would then pervade the great stock yard industries of our large cities and grass would grow in our streets. Fifty per cent, at least, of the freight that now plows the continent from ocean to ocean would be sider tracked, for the would be mould be ideverted, for the two points of the analysis of the tracked, for the two points of the analysis of the tracked, for the two points of the analysis of the tracked of the two points of the tracked of the two would be bare of the ereatest tuxuries with which the vare stress of the two would be the store of the ereatest tuxuries with which the vare stress of the two would be the store of the ereatest tuxuries with which the vare stress of the two would be the store of the ereatest tuxuries with which the vare stress of the two would be the store of the store of the two would be the store of the ereatest tuxuries with which the vare store of the store of the store of the two would be the store of the ereatest tuxuries with which the vare store of the ereatest the store of the stor Grand and noble brute! Of all the the greatest luxuries with which they are now covered. Oh! you who would abuse a cow. I wish that I, as you are about a cow. I wish that i, as you are avoid to sit down to the noon day meal, might slip up and remove from your table what the cow has placed thereon. I'd take the cup of milk waiting at baby's chair. I'd take the cream, the cheese, the butter, the custard pie, the cream biscuit, the steak, the smoking roast of

biscur, the steak, the smoking roast of beef, and leave you to make a meal of potatoes, beets, pickles and toothpicks. It's the self same cow that made the great western plains to blossom like the rose, and were it not for her they would revert to the Indians from whence they came

came. None others like the cow! There is not a thing from nose to tail but that is utilized for the use of man. We use her horns to comb our hair, her skin upon our feet, her hair keeps auto-plaxe, her tail makes soup, she gives as our mik, our cream, our cheese and butter, and her flesh is the greatest meat of the nation, her blood is used to make our sugar white, her bones are ground to fertilize our soil and even her paunch she herself has put through the first chemical process necessary for the pro-duction of the best white cardboard paper and they have discovered that such paper can be made into the finest quality of false, teeth. None others like the cow! false teeth.

of faise teeth. No other animal works for man both night and day. By day she gathers food and when we are asleep at night she

brings it back to rechew and convert it into all things of which I speak. She has gone with man from Py-mouth rock to the setting sun! It was her sons that turned the first sod in the settler's clearing; it was her sons that drew the prairie schooure for the sturdy pioneers as, inch by inch, they fought to prove that 'westward the star of empire takes its way,' and the old cow day's march was done she came and gave the milk to fill the mother's breast to feed the suckling babe that was, hergave the mink to fin the molecular s prease to feed the suckling babe that was, per-chance, to become the ruler of his coun-try. Who says that much of what we are we do not owe to man's best friend, the cow? Treat her kindly, gently, for without her, words fail to describe the stitution situation.

#### Cow Scouring

I am asked by a correspondent what could be recommended for a cow suffercould be recommended for a cow suffer-ing from diarrhoea both before and since turning out to grass. At one time a cow of this sort was looked on as a "piner" or a "waster" as the result of tubercle, and was sent to the knacker, but we know better now. As far back as 1807, Professor McFadzean of the Royal Veterinary College showed that the trouble was in nearly every case due to Royal Veterinary College showed that the trouble was in nearly every case due to the presence of a small round worm in the fourth stomach, and that anything that would kill this would cure the trouble. Mr. Ernest Matthews, who is a notable man in the Jersey world of cows, informs me that the continuous use of lime water to drink is generally effectual-te, a handful of lime in a every time the animal is watered, for a week or so. If this is not effectual, then a dose of half ounce of shag to-bacco given every morning for a week acco given every morning for a week Jacco given every morning for a week makes a perfect cure if the animal is curable at all. Probably any kind of tobacco will do, if the owner does not happen to smoke shag, if it is ground and cut up fine enough to be admini-stered in a bottle of water. I have been successful myself by administering car-down of a state of the state of the state does of one quarter owne for a state does of one quarter owne for the state of the does of one quarter owner of the state of the does of one quarter owner of the state of th I stopped the treatment, however, days. after killing a cow by an overdose-experience being a very expensive commodity. It is, of course, necessary to shut the animal up in a loose box or tie up in a stall to regulate the ing water and otherwise treat, though of course there is plenty of grass or other green forage to cut and hand feed now at this time of the year. If any or all of these treatments does no good in a week's trial then one may conclude that the animal is an actual "piner" and incurable.—Prof. McConnell, in The Dairy.

### How the Good Dairyman Does It

The good dairyman feeds his cows The good dairyman feeds his cows regularly on wholesome, well-balanced rations, and does not milk his cows while roughage is being fed, or when there is dust and bad odors afloat in the air. He sees to it that the cows have a clean dry bed and when he goes to milk he is careful to brush off the to milk he is careful to brush off the fink and udder so that dust, hair and deally bacteria do not fall into the open pail. Dairyman, be clean about your work. Remember that innocent people are to use this product as food, a produce which is capable of carrying germs of disease to the human body. Please remember this and wash your hands before milking; clean your fin-ger nails and do not milk with wet hands.



#### Bill Nye as a Dairyman

When I was young and used to roam When I was young and used to roam around over the country, gathering water meions by the light of the moon, I used to think I could milk anybody's cow; but I don't think so now. I do cow; but I don't think so now. I do right, and it han't been right of sign many years. The last cow I tried to milk was a common cow, born in ob-scurity, kind of self-made cow. I re-member her brow was low, but member her brow was low, but she wore her tail high; and she was haughty, oh, so haughty. I was naughty, on, so naughty. 1 made a commonplace remark to her, one that is used in the very best society; so — and she "Soed." Then I told her to "Hist—and she "Histed." But I though she overdid it. Just then I heard much expression to it. Just then I heard something crash through the window of the barn and fall with a thud-sicken-

ing thud—on the outside. "I am buying all of my milk now of a milkman. I select a gentle milkman, who will not kick, and feel as though I can trust him. Then, if he feels as though he can trust me, it's all right."



st Shofford Creamery, Proprietor J. S. Lawrence, West Shefford, Que. This Creamery shares with the Compton Model Farm Creamery the enviable distinction of turning out uniformily the highest quality of export butter made in the Province of Quebec.

## A Fruit Conference at Winnipeg

### Ontario Growers and Western Dealers Confer - The Needs of the Trade Discussed-Rascality said to Characterise the Ontario Packer

The bad condition in which a great deal of the Ontario fruit arrives in Winnjeg has been a serious grievance with western fruit dealers for years back. On the other hand Ontario ship-pers have complained of unfair treat-ment on the part of the western buyer of fruit, who appeared to limit to be ready to take nearly everything and allow the shipper lenditure. And thus allow the shipper lenditure. And thus higher handling and the shipper lenditure. And thus are improving and trade conditions are much better than they were five years ago. Conditions, however, are far from satisfactory, and with the lower five rear withing and state the shipper and the lower five rears gring man of several members of the Fruit Division, Ottawa. Anong those present were: A. McNeill, Chief of the Fruit Division, Ottawa. Anong those present were: A. McNeill, Chief of the Fruit Division, Charga. Chimong the greater were: A. McNeill, Chief of the Fruit Division, Charga. Anong Kaxwell Smith, British Columbia, Y. S. Scarff, Wordstock, Ont., bion, W. A. McKinnon, late Chief of the Fruit Division, R. M. Palmer, British Colum-bia, and Messr. Rubaler, Anjor, British, Sott and several others representing the Winninge fruit trade. The bad condition in which a great deal of the Ontario fruit arrives in Scott and several others representing the Winnipeg fruit trade. the

Mr. Scarff was asked to preside. In discussing the transportation side, Mr. Rubalee, of Foley, Lock & Larson, stated that the time made on shipments of fruit from Ontario was bad. Five or truit from Ontario was bad. Five days was good time between Niagara and Winnipeg, but frequently it took twice that time. The refrigerator cars used, though an improvement on those in use a few years ago, were not at all suitable for this trade. They should be modelled after the California fruit cars, in which fruit carries in better concars, in which fruit carries in better con-dition owing to their having ice over-head. The west wants both Ontario and British Columbia fruits, and better transportation facilities should be pro-vided. Nearly 90 per cent. of the small fruits arriving in Winnipeg come from the United States. This does not apply to apples.

Following up this subject, Inspector Philp stated that there was not quick enough despatch. He advised shipping early apples in boxes only and ship in refrigerator cars and have them iced

The subject in books only and simplify a strain the second they wished.

Mr. A. Bright in discussing the condi-tion of fruit on its arrival, said that Ontario growers and shippers were afraid to spend a dollar in putting their fruit in shape. It arrives in bad condiafraid to speng a variable of the second second fruit in shape. It arrives in bad condi-fruit in because of being badly packed. The two evils were: bad packing and bad stock. The face in every case should stock. The face in every case should stock. The face in every case should represent the barrel. A reference here to the work of inspectors in stamping out fraud brought on a pretty warm discussion, in which the inspectors came discussion, in which the inspectors eame in for some adverse criticium. Mr. Mc-Neil stated that the Fruit Marks Act was designed to protect from fraud. If a buyer bought fruit that turned out to be fraudulently packed or misrepre-sented he could go before any justice of the peace and have the seller or shipper prosecuted without calling in the inspector. It was never intended that the inspector should do this work. It could be done without the inspector use could be done without the inspector just as well

Dealing with the subject of small fruits, Mr. R. R. Scott stated that they arrived in bad condition. He claimed arrived in bad condition. He claimed that no amount of packing or improved transportation can bring plums and peaches from Ontario to Winnipeg in good condition. They don't go into con-sumption soon enough and are liable to spoil before the dealer dispose of them. Grapes, if packed in 10 lb. baskets and IE 587 handled carefully, arrive in good condi-tion, especially late in the season. He recommended growers to use a good strong basket (climax) with wooden covers. A basket with a canvas over the top was not so good. When a strong basket is used tomatoes arrive usually in fair condition. All smill fuits ar-ried in the Er covidition in double deck and Flemish Beauty, arrive in good con-put it. Twenty-five cents on a barrel Mr. Scott here waxed warm in discuss-ing the "rascality," as he called it, of vany Ontario shippers. The west wan-el good fruit only and the dealer never lost more in handling it. "We don't want second-class fruit," was the way of apples does not count so long as the quality is right. Referring to the non-carring qualities of Ontario plums and peaches, he stated that they were too juity to admit of shipment any long distance. The soft fruits of the Oka-magan and Victoria districts of British Columbia will ship well, Mr. Taylor stated that head shipped the Smuck Ontario to Winnipeg with cood success. Being asket to speak, M. Palmer, Chief Fruit Inspector for British Colum-dia, stated that their fruit growers have adopted the California package and method of shippens, It (requenty took) Chiles prior inspection for barriest consus-bia, stated that their fruit growers have adopted the California package and method of shipping. It frequently took from al. 10, 10 days for freight shipment was too long. Pears evintifies, which long on the road. Over 3,000 acress had been added to the fruit area of British Columbia during the past year. They wanted to extend their strawberry ship-ments to Winnipeg, but must have a better ventilated service. The smaller independent shipper did not do so well as the large one or the co-operative organization. organization.

organization, Inspector Carey followed. He was present to obtain information for On-tario shippers. In his opinion the packer was often times more to blame than the shipper. The latter often spread out too much and could properly control the packing of his family properly control the

much and could not properly control the packing of his fruit. Chief McNeil advised the Ontario grower and the western dealer to get to-gether and to do business on a higher plane

plane. Mr. McKinnon thought that the prin-ciple of doing business was at fault. Dealers and shippers in Ontario have expanded too much and eonsequently there is a lack of supervision of the packing, etc. He looked to the co-operative movement to remedy matters.

packing, etc. He looked to the co-operative movement to remedy matters. Maxwell Smith, Dominion Inspector in British Columbia, speaking of the fruit trade on the Coast, said that he fruit trade on the Coast, said that he British Columbia and the the train not put up in accordance with the Fruit Marks Act. He estimated that of all the Ontario apples he examined only about one-quarter were good. Many packers mark the best they have as XXX when they were only XX. The British Columbia people want Ontario growers to adopt a uniform apple box quickly so that it will pay. The farmer is too slow. By co-operation experts can be employed. In British Columbia Chinamen and girls do the work best. The packing should be the same all the way through. Any kind of an apple can be packed in a box 20x11x10 inches, Frinish Columbiant. inside measurement, the standard for British Columbia.

Britisn Columbia. Some of the Winnipeg dealers stated that while they preferred to have early apples packed in boxes, the late varieties sell better in barrels, as their customers seemed to like the barrel better than the box. J. W. W.

### Nature about the Farm

#### Swallows-Cherry Birds-Bird Notes-Farm Forestry

#### EDITED BY C. W. NASH

The first signs of the autumn mi-gration are already noticeable; the swal-low tribe, blackbirds and others, which The first signs of the automa and gration are already noticeable; the spli-low tribe, bladbird automatic, the swal-low tribe, bladbird automatic and search ing into large flocks, each according to the methods of its kind. The swal-lows after they leave their nesting places, have a particular fancy for gathering upon the telegraph wires, upon which they rest during the heat of the day, feeding only during the cool hours of the morning and evening. On the fifth of August 1 visited a favorite recort of these birds, where for fully a half a mile, as the wires were carried along the water's edge. It block as they could be when alarmed they dashed off and the water is edge. It block as they could be when alarmed they dashed off and the inter such they quickly setted back moments, but they quickly setted back thither over the grassiands and along the water's edge in pursuit of the flying masets upon which they fed. The number of insects consumed by this oue flock of birds, the syn ould astron-most people, if expressed in figures of the walls, as they und a stor-most people, if expressed in figures of the the rest figures. The work of the set of the figures of the wither the, the air would be so filled with small flying midges, gnats, mos-quitoes, etc., as to be unendurable by either man or beast, and all forms of plant life would be destroyed. After the swallows have taken their young away from their nesting place

BIRD NOTES.

either man or beast, and all forms of plant life would be destroyed. After the swallows have taken their young away from their nesting place and joined the flock, they do not return again, even a night, but resort to some large marsh, where the rushes are thick; upon these rushes they rook, crowded so closely together that they almost hear the plants down to the surface of low water. The most before the sum takes have the plants down to the surface of the rushes they anow. I am often back where the birds all come from. That is easily answered: they are the accumulation of the season gathered from over the surrounding country. Anoh-r question, however, arises, viz: what be-comes of them all? and this is not so easily disposed of. The majority of them are lost in some way, during the long flights of their rugration and while they are in the south, for it is easily apaparent that the numbers return ing here each appring bear to sort proportion to the. in the autumn.

In the numbers which leave in the summers which leave the writing of the Cedar Waxwing or Cherry bird for our last issue, 1 thought I would look over my field notes on this species, to see what details I had of its feeding habits, when to my surprise, I found that on the first of June, 1884, in Manitoba, I had seen a small flock in the act of feeding upon the blossom buds of the Hawthorn. If these birds will occasionally feed upon the buds of the thorn, they will undoubtedly also do so on the buds of fruit trees, but the habit does not seem to be general and is probably only in-dalged in when insect food is scarce. Along the lake shore birds life is be-coming abundant; on the fifts, Fyrid's Sandpipers awere feeding, and in the marsh, a good many Blue Herons, er-roneously called Cranes, were stalking in their solerm but dignified way. In Great Britain, where these birds were at one time much sought after, the Heron is extremely wary and almost unap-monchable. Her has her has her has birds

one time much sought after, the rieron is extremely wary and almost unap-proachable, they have learnt to be so by long and bitter experience. Here, however, our birds have not yet gained

sufficient wisdom to keep out of gun-shot, with the result that they are much scarcer than they used to be. From an economic point of view, perhaps, this is not altogether to be deplored, but to the lover of the beautiful in nature, their absence will mean the loss of one of the most interesting forms of life to be found at the waterside to be found at the waterside.



#### The Cedar Waxwing.

#### FARM FORESTRY

PARM FORESTRY When considering the advisability of devoing any portion of the land for the purposes of a wood lot, the fact the second start of the second start adopted for raisings which are not adopted for raisings which are not mind. The necessity for extensive tree planting in this province is very great and the benefits the country would derive from systematic oper-tions in that direction are very im-portant. Yet, no one would advocate the withdrawal from cultivation of first-class arable land and the con-version of it into wooded land. Such a policy would not be profitable to version of it into wooded land. Such a policy would not be profitable to the owner nor beneficial to the coun-try. In the most favored district of Ontario, however, one rarely sees a farm, every acre of which can be worked to advantage. On the con-trary, much land is now under culi-vation which never paid for the labor put upon it. It is only necessary to drive through some of our best coun15 August, 1904

ties to realize how much land there is lying idle or which is unprofitable. Ridges crop out, upon which the soil is too thin to support a growth of cereals. Swampy places there are, of cereals. Swampy places there are, of large extent, too wet and sour for cul-tivation, and small irregular fields which cost more than the crop is worth to work. All such places as these and the odd corners and fence rows would support a growth of tim-ber which would not only be valuable in itself, but which would have a won-deriul effect upon the fields and or-chards, by acting as wind breaks and be of the greatest benefit to cattle, etc., in providing shade.

#### CORRESPONDENCE.

COMMENSIONENCE. M.T.D., Wintrop.-I. How many dif-ferent kinds of Humming birds are there in the Province of Ontario? Ans. —Only one Humming bird visits this Province: the Ruby throated 2. Do Ruby-throated Humming birds breed here? Yes. The Ruby-throat ranges north to Hudson's Bay and breeds all through its range.

all through its range.

 Are there Black-headed Wood-peckers in this locality, or is there an-other name for them; if so, what is it? There is no Black-headed Woodpecker; in Ontario, perhaps you mean the Black-backed or Arctic three-toed Woodpecker; a northern bird which sometimes occurs here in winter.

a northern bird which sometimes occurs here in wirter.
4. I have sent the books you asked for. C. T. N., Brampton.—Does the Blue-bird ever stay in Ontario through the winter? Ans.—I have only once heard of Bluebirds here in winter; on that occasion several remained on Pelee 13-band through the season.
A Subscript—Coold you please tell here he best means of destroying wild harming (vyr)? About four acres is but have been sowing sail over it; on ac-count of the roots being so deep in the ground, I am afraid that this method will not destroy it. I am now plowing it to the depth of about eight inches. Would it injure the ground to add more sail? On the same piece of land there is a small patch of sow thistle; what works would you adopt to eradicate it? "Glory" is a very difficult we do to surface of the soil, until the roots cenas wirks out shoots, is the only certain uehod of greating rid of it. to throw out shoots, is the only certain method of getting rid of it.

method of getting rid of it. 2. You do not say how much salt you have already sown to the acre. In any case, if you put enough salt on the land to destroy Bindweed, you may be certain that you would destroy any other plant life. Under some circumstances and for some crops, salt may be used beneficially, in quartities not exceeding usually enough Kee, halt hat being and dury on any other and the planma and cultivating and you will conquer the Bindweed. Bindweed

3. Frequent cultivation will destroy the sow thistle. If it is the annual species cultivate after harvest, two or three times and you will get rid of it.





Those who have most happiness think the least about it. But in thinking about and in doing their duty happiness comes because the heart and mind are occupied with earnest thought that ful and sublime of the univer-ful and sublime of the univer-tage of the univer-

.18

#### Twilight on the Farm

The dews come down, and shadows gather in field and lane, Low in the west a band of black gives promise unto rain, It is the twillight hour-and given o'er to calm and rest, It brings to home a benediction and is

blest.

The boys come and bathe their faces The boys come and bathe their faces at the cooling well, Afar and faint, then near and sweet, tinkles the lead cow's bell, It is the twilight hour-and stars are starting from the deep High heaven's herald sent to watch that men may sleep.

The father comes, a man of many years

of toil and care, Who smiles to see the candle in the self-

same window there; It is the twilight hour-and with the

farm work amply done He feels a poor man's joy to think the food is won.

Then all sit down to eat the evening meal, and far away A wagon rumbles out the neighbor's name who loves delay; It is the twilight hour-and free from day's unending quest It brings to home a benediction and is

blest.

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#### Pa and the Calf

"It seems to me, Maria," said a kind. hearted city man who lived in the sub-urbs, "that it is wicked to keep that calf shut up in a close pen this warm

urbs, "that it is wicked to keep that call shut up in a close pen this warm. "That's right, John. I have told you keep the second second second second to a second second second second second the second the second s the rope.

When the calf arrived at the end of the enclosure he turned around and looked at John as though he de-sired further acquaintance. John ap-proached the calf hauling in the rope hand over hand. When he reached the centre of the rope the calf started off again in the opposite direction, and John again began to measure abort legs. John was amazed the wondrous strength of the calf. He knew that oxen, with the force of their necks, could draw heavy loads, but he necks, could draw heavy loads, but he was surprised to find that this calf, using the rope about its neck for a yoke, could haul him about so merci-

yoke, could haul him about so merci-lessly. At this moment the rope came in contact with a tree, and John came to an abrupt standstill on one side of it and the calf at the other. Then the calf started in the opposite direc-tion around the tree, and John was in great danger of being wound up and ing in disentangling the rope he again attempted to approach the calf, hav-ing decided that he had exercise enough for one day. But the calf

thought differently and started off on a gallop down the lane toward the highway, John being compelled to fol-low in the race at the end of the rope before. as

low in the race at the end of the rope as before. It happened that John had an aristocratic neighbor, and John was exceedingly anxious to be held in good esteem by this neighbor. On this hot day in August the neighbor had an These neighbors were astimustance these neighbors were astimustance and followed by a man whose white hair was flowing wildly in the wind. The alf made directly for the gather-ing upon the laws. The women ran screaming in every direction, chairs were upset, and there was a wild as the calf disopeared around the form which the house John made his axiety. He was utterly leads to the end of the rope, still taking form y to the end of the rope, still taking long strides, his face bearing expression of much axiety. He was utterly heedless of the anistocratic neighbor, who called upon him for an explanation. Around the law, among the bushes and flower



A Farm Girl, and She's Proud of It.

Photo by Sallows,

## beds, the wild calf dragged the un-lucky John, followed by the men of the party and his aristocratic neigh-bor, who was bent upon preserving as much of the property as possible from destruction

Finally the calf was cornered and John was able to gather up half of the rope. Then the calf made a dash sideways, bringing the rope in contact with a beehive, which was im-mediately upset. The bees without mediately upset. The bees without delay attacked both the calf and John. The last seen of the calf he was crawling under the low-hanging cur-rant and gooseherry bushes in order to scrape off the bees. On returning home john addressed his wife as follows:

lows: "It's a fine day, Maria." "What in the world is the matter with you?" asked his wife. "Oh, nothing. I've simply been en-

with you?" asked his wife. "Oh, nothing. I've simply been en-joying myself; taking a little exercise in the fresh air and sumshine." "And what has become of the calf?" "I don't know and I don't care. When I show sympathy again for a calf you will know it." "But what is the matter with your face? It is all swollen up and you look as though you were ready to melt with the heat." The your work the

How as though you were ready to melt with the heat." "I wish," replied John, "you would stop asking me fool questions. I am going to bed. Give me a cloth wet with arnica and spread it over my force."

with armica and spread of the armony of the hearing. .18

#### Old-fashioned Philosophy

Scorn not the homely virtues. We

are prone To search through all the world for something new;

yet sometimes things are bestsometimes old-fashioned And

Old-fashioned work, old-fashioned rectitude, Old-fashioned honor and old-fashion-

ed prayer, Old-fashioned patience that can bide

its time, Old-fashioned firesides sacred from

the world,

Old-fashioned satisfaction with enough Old-fashioned candor and simplicity, Old-fashioned folks that practice what they preach.

38

#### About Neatness

About Neatness There is one charm every woman may possess, and it is a very attractive one-meatness. The plainest woman is a delight to look upon if her toilet is one of exquisite neatness in every respect. Her hair must be done up securely and not look as if it were ready to tumble around her shoul-ders at any moment. Her gloves must be always mended, her boots in per-fect condition and never any tag ends the always mended, her boots in per-fect condition and never any tag ends at the bottom of her skirts. Most men know nothing about fashion, but will notice whether a woman is neat or not, and it is the quality they most admire in woman.

38 "We have our friendships, our affec-tions, our interests in each other. But our real lives, of work, we must live by ourselves." The Clover

Some sing of the lily, and daisy, and rose And the pansies, and the pinks, that

the summertime thro

In the green, grassy lap of the medder that lays Blinkin' up at the skies through the sunshiny days. But what is the lily, and all of the

rest

Of the flowers, to a man with a heart in his breast

That has dripped brimmin' full of the honey and dew

Of the sweet clover babyhood knew? clover blossoms his

I never set eyes on a clover field now, Or fool round the stable, or climb in

the mow, But my childhood comes back, just

as clear and as plain As the smell of the clover I'm sniffin' And I want

wander away in a barefooted

dream, where I tangle my toes in the blos-soms that gleam With the dew of the dawn of the

morning of love, E'er it wept o'er the graves that I'm weeping above.

And so I love clover-it seems like a part Of the sacredest sorrows and joys of

my heart

And whenever it blossoms, oh, there And whenever it blossoms, oh, there let me bow, And thank the good God as I'm thankin' Him now; And I pray to Him still for the strength when I die, To go out in the clover and tell it good-bye,

And lovingly nestle my face in its bloom, While my soul slips away on a breath

of perfume.

James Whitcomb Riley.

#### Twins

Bishop Potter was preaching one Sunday evening in a small town in the back country. When the services were over, a tail, gaunt man, with the air of a back-woodsman, came up to the bishop with outstretched hand. "I've heard ve preach twice afore to the bishop with outstretched hand. "I've heerd ye preach twice afore this," he said, "an' I like yer preach-in." I allus i'arn somethin' new from ye. I rid ten mile tonight tho hear ye, an' I rid ten more, fer, as usual, I heerd somethin' new tonight that I never knowed afore," "Welk I'm glad of that," said the bishop, shaking the outstretched hand; "and what was it you learned tonight" "Why, bish-op, I found out fer the fust time in my life that Sodom and Gomorrah wuzn't twins." J

#### Armor-Plated Boys

One of the chief means of protection to our great battleships are huge armor plates. It is important in these days that there should be armor-plated boys. A boy needs to be iron-clad on

His lips-against the first taste of liquor. His ears-

-against impure words

His hands-against wrong-doing. His feet-against going with bad

company. His eyes-against dangerous books

and pictures.

15 August, 1904

His pocket-against dishonest money.

His tongue—against evil speaking. The Christian armor on her citizen ives more security to the nation than all the armor plates that are on her ships.

#### When You Think it Over

When to gardener who grows cabbage ought to get ahead in the world. Even the single potato is pared. The farmer who waits for something turnip will never earn his celery. The biggest men in the burnless quires the biggest men in the biggest men in

- The farmer can run a bar without keeping a saloon.
- The worst tax on the married man is carpet tacks at housecleaning time. The man who would butt against fate needs a hard head.
- It requires a tall person to see over a

"spitefence There should be no key to the door the closet that contains the family

skeleton.

The pig is the one creature that is applauded for "making a hog of him-

The existence of the sheep-killing cur should be curtailed.

should be curtailed. The 13-ounce pound, or the 3-quart gallon, or the 1,800-pound ton man will probably never get close enough to heaven to be thrown out. The railroads are always tied down. —A. B. Salom, in New York Farmer. When the Blueb?

#### What is a Blush?

According to a Southern medical journal, this is an accurate definition of a "blush": "A blush is a temporary crythema and calorific effulgence of the physiognomy, eatiologized by one perceptiveness of the sensorium when in a predicament of unequilibrity from in a predicament of unequilibrity from a sense of shame, anger or other cause, evenutating in a paresis of the vaso-motor filaments of the facial capillar-ies, whereby, being divested of their clasticity, they are suffused with a radiance enanating from an intimidated praecordia." It makes one blush to read it.

#### Why She Liked It

Why She Liked It "I like to go to church," announced Dottie, aged five, "because they sing nice hymns about flowers and insects and things to eat, and the man in the mightgown talks about birds." of "the sing the single single single single of the single single single single single single difference single single single single single single "There is so," insisted Dottie, "last Sunday we same a beauty hymn about

"There is so," insisted Dottie, "last Sunday we sang a beauty hymn about 'Bringing" in the Cheese, and today we sang one what began, Just As I Am Wishing one Flea, and when we got through the man talked about a hawk and two pigeons."

Subsequent inquiry revealed the fact that the text had been, "Why halt ye between two opinions?"

Of all the lessons that humanity has to learn to wait. Not to wait with fold-ed arms, that claim life's prizes without previous effort, but, having struggied and crowded the slow years with trial, warrant-may, perhaps disaster instead --to stand firm at such a crisis of exis-tence, to preserve one's noise and selftence, to preserve one's poise and self-respect, not to lose hold or relax effort, is greatness, whether achieved by man or woman

ED ROSE TEA IS GOOD

15 August, 1904



Two horses is "a team," he says— An' when you drive er hitch, The right-un's a "near horse," I guess, Er "off"—I don't know which.

The boy lives on our farm, he told Me, too, 'at he can see, By lookin' at their teeth, how old A horse is, to a T!

I'd be the gladdest boy alive Ef I knowded much as that, An' could stand up like him an' drive, An' jist push back my hat, Like he comes skallyhootin' through Our alley, with one arm A-wavin' fare-ye-well! to you-The boy lives on our farm!

.1

### How Many Can You Guess?

How Many Can You Guessr Why is bread like the sun? Be-cause when it rises it is light. Which was the largest island before Australia was discovered? Australia. What trade should be recommended to a shout person? Grocer (grow

to a short person? Grocer (grow sir). When is money wet? When it is due (dew) in the morning and missed (mist) in the evening. What is the difference between the Prince of Wales, an orphan, a bald-headed old man and the gorilla? The first is an heir apparent, the second has ne'er a parent, the third has no hair apparent and the fourth has a hairy parent.

hairy parent. What is larger for being cut at both ends? A ditch.

What is larger for being cut at both ends? A dich. Why is a watch-dog bigger by night than by day? Because he is let out at night and taken in in the morning. Which is the most dangerous season of the year to walk in the woods, and why? In the spring, because the trees shoot and the flowers have pis-

If the alphabet were invited out to supper, which of the letters would get there late? All those letters which come after "t."

#### What One Brave Girl Did

What One Brave Girl Did A few weeks ago the Toronto papers told about a brave deed done to what girl sixteen years old, a proof of what girls can do where there is about the transformer of the same provide the same set of th

The Boy That Lives on Our Farm The boy lives on our farm, he's not After and o' horses none! An' facad o' horses none! An' facad make 'em lope, er trot, Sometimes he drives two horses, when He comes to town an' brings A wagonful o' taters nen, An' roastin' ears an' things. The boy lives on Our Farm They went out together and went longside the upturned cance. The people clinging to the boat were Mr. Mirdock, Miss Coggrave, and Miss sciente the drives two horses, when the comes to town an' brings A wagonful o' taters nen, An' roastin' ears an' things. canoe

In the meantime Miss Cosgrave, a sister, had started out in another cance. Mr. Murdock got Miss Kid-ner into this boat and got in himself. Miss Petric succeeded in getting Miss Cosgrave into her boat, and all return-

ed to shore safely. On landing Miss Petrie received quite an ovation, and has been the recipient of many congratulations.

was. It ought to be easy just to fol-low the rails, and it had not taken "dad" and him very long to come by train. So he slipped off by himself. The other boys did not think any-thing of it when their comrade cut off into the woods, but when the roll was called at dinner-time and he was stall missing, things looked serious. Starching parties were organized inght long the country was sourced, but when daylight came there was still no boy. The father was notified by telephone, and started at once for the school. the school

All this time the little runaway had been plodding: steadily along the track. It was very lonely sometimes, and he grew so sleepy and tired that he longed to lie down and rest, but he kept on. All the time it seemed that it could not be much farther.

that it could not be much tarther. At last, just as the sun was coming up, he reached the ferry. He had five cents with which the intended to buy a ferry ticket, but a thirty-mile walk before breakfast makes a little chap very hungry, and he pur-chased a loaf of bread instead.



Helping Mother.

By her pluck and prompt action she succeeded in preventing a very ser-ious drowning accident, and all the Island residents are enthusiastic in singing her praises. .1

#### A Homesick Boy

Homesickness will drive the oldest Homesickness will drive the oldest and wisest to desperate deed. What worder, then, that to an eleven-year-old boy it is irresistible? The small son of a rector in one of the large cities, was sent to a preparatory school about thirty-four miles from his home. As a barrier between him and his family those miles seemed endless to the lad. He had been at school only three days when home-sickness got the better of him. He was walking out at noon recess with some of his mates when he re-membered where the railway station

It did not seem exactly right to walk on the boat without paying, but he had to get home. About five minutes after the rec-tor had left the house on his way to the school, his son, heavy-eyed and hell.

"Wheah has yo' been, chile?" ex-claimed the colored man who opened

claimed the colored man who opened the door. "I got homesick, that's all," replied the boy. "I want my slippers; my feet are tired." A telephone message was imme-diately sent to the school. When the rector returned a little boy was timid-rector returned a little boy was timidrector returned a little boy was timid-ly lurking in the shadows of the hall. "I wanted to see you so, dad, that I just couldn't help it," he pleaded. The clergyman opened his arms and the boy sprang into them. Every-thing was all right at last.

#### THE FARMING WORLD



#### Beating Eggs

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When a recipe calls for "slightly beaten eggs," one should use eggs that have received about fifteen strökes of an egg whisk; eggs that are slightly beaten are not separated; that is, the yolk and white are beaten together, and when picked up on a fork, they will run from the times. "Well beaten eggs" means eggs that have been beaten until they are light,

<text><text><text><text> 38

#### Stray Hints

Eat less meat and more fruit and vegetables in hot weather. If in ironing you scorch an article soap-suds and the hot sun will remove

Wash small fruits by putting them a few at a time in a wire sieve or colander.

Connect: Brush the stove-pipe over with equal parts of kerosene and linseed oil when put away for the summer. If the children leave food on their plates, do not compel or hire them to eat, but serve them with less and conducted wards and the store of the store of the serve the store of the serve them with less and

avoid waste. Bake your bread in small loaves and very thoroughly, else the uncooked germs in the centre will speedily de-stroy the loaf.

stroy the loaf. Ripe banamas, slined thin and mixed with shredded pineapples or sliced oranges, make a delicious salad. Good for dinner on a hot day. It is a misfortune for children to be untaught in table requirements. Unless they are observar(t, their lack of teaching will follow them through life.

#### In Season Now

TAPIOCA .--- One-half APPLE TAPICA.—One-half pound tapicoa soaked over night in cold water. Make a quarter of a peck of apples into nice, rich , sweet sauce. Put the soaked tapicoa in the sauce and let cook slowly until the tapicoa ig dissolved. Flavor with lemon or orange peel; sweeten to taste. Serve with occame sauce. APPLE pound

with cream sauce. PEACH SWEET PICKLES.—Pare good ripe cling peaches, leaving in the pits. Heat over a brisk fire vinegar and sugar in the proportion of one pint of vinegar to one pound of sugar. Into each peach stick one or two cloves, and drop into the boiling syrup. Allow the peaches to cook slowly and seal in glass jars.

slowly and seal in glass jars. PEACE POOVERSE-Make a batter with two cups of flour, two teaspoon-ful of baking powder, one half-teaspoon-ful of salt, two well-beaten eggs, and enough milk to just make it stiff enough to drop from a spoon. But-ter deep iron gempans, and have them siziling hot. Put a spoorful of sliced peaches, and some more of the batter. Bake in a quick oven and serve at once. serve at once.

STEWED IRISH POTATOES .--Peel STRWED IMSH FOTATORS.—Peel and cut eight potatoes into long thin slices, and let them simmer gently for fitteen minutes in the following gravy: Into a hot skillet put three ounces of butter, and stir into it two tablespoonfuls of flour, one-half pint of broth and two tablespoonfuls of vinegar. Add salt and pepper to taste; also a bay leaf. vinegar. Add sal also a bay leaf.

#### When You Break Things

When You Break Things A capital cement for broken china and brica-brac that can be made at home is obtained by mixing half an ounce of gum arabic with half a tea-spoonful of boiling milk and adding enough plaster of paris to produce a creamy past. To use successfully have the pieces that are to be mended with a small brush. Objects repaired with a small brush. Objects repaired but after that they can be washed in either warm or cold water with asted. Saking, however, they will not stand.

#### Household Helps

Common wheat flour put into a dry spider or frying pan, clean from grease or dirt and then set on a hot stove and constantly stirred until it becomes scorched a light brown color makes the best powder for chafing. Put in a bot-let to use when meeded. It is the best the to use when needed. It is the dest thing to use on young infants, and will heal when all other remedies fail. It is far superior to talcum powders for all chafing on old or young.

Cornstarch will remove grease most effectually. Rub a little fresh, dry corn starch into the solide plze, and it will at once begin the process of absorbing the grease. Brush th, first used off carefully from the garment, and proceed in the same way with more until the disfigurement has en-tical discovered. tirely disappeared.

In cutting breakfast bacon lay the In cutting breaktast bacon lay the rind side down on the meat board, cut down to the rind as many slices as are needed, then cut it off in a block. Turn edgeways and cut off one end, then the other end, the inside, and last the rind, and you will have trimmed all the slices nearly as quick-ly as you could have trimmed one.

In making hard sauce for pud-dings, it improves the flavor very much to let the butter brown before beating in your sogar a little maple syrup and flour, adding your boiling well biended. When maple sugar is scarce, add three times as much gran-ulated sugar as syrup. A little water, and boil till like syrup. Do not boil too long or it will all return to sugar when cold.

Results from common soaps: eczema, coarse hands, ragged clothes, shrunken flannels,

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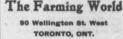
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15 August, 1004

### \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* HEALTH IN THE HOME \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

How Much Food to Eat How shall one determine how much food to eat? Too much mystery has been thrown about this subject. Let peen thrown about this subject. Left your sensations decide. It must be kept in mind that the entire function of digestion and assimilation is carried concurrence. Satiety is bad. It im-region of the stomach, and that means that too much food has been taken. The exact correspondence in a healthy animal between the appetite and the amount of food required is extra-ordinary. As a rule, the meal, unless eaten very slowly, should case before the appetite is entirely satisfied, be-cause a little time is required for the outlying organs and tissues to the effects of the food the states here ingested. If too little has a the seen ingested. If too little has a the next head, and the set up at the enter the better and the food more grateful. "No one was ever sorry for hav-ing voluciative saties enter hav-ney oluciative saties of the south the set." your sensations decide. It must be

only the better and the took of the second s

### Care of the Hands

To treat grimy hands begin with rubbing them well with cold cream, or even with a little pure melted mutton fat. When the grease has loosen-ed the soil, then wipe it off with an old rag or piece of soft paper, and wash the hands in warm water. Use a good soap and a nail brush, rinse in cold water and dry thoroughly. Very few women take time to dry their hands properly, and then they wonder at them becoming coarse and chapped. The housewile who has much to do in the way of dusting and cleaning should save her hands by wearing housemaid's tan gloves as much as possible, and on going to bed, aiter washing her hands with warm water, she should apply to them a little glycerine and rose water. ton fat. When the grease has loosena little glycerine and rose water.

#### How Much Sleep is Necessary

A proper amount of sleep is, of course, absolutely essential to continued good health, but, if dietetic habits are correct, it is a matter which habits are correct, it is a matter which will regulate justif. If a rule is need-ed, one will follow naturally from the fact that almost everyone feels languid on waking, and is disposed to take another nap, no matter how long he has been sleeping. This is a mor-bid sensation which it would take too long to explain here. It is enough to say that lack of sleep should be made up, if possible, at the beginning and not at the end. The best general rule is to rise at a given hour every morning, whether tired or not, and go to bed when sleepy.

### AND CANADIAN FARM AND HOME



TORONTO, ONT

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* SUNDAY AFTERNOON I..... Constant Prayer Tell the Lord. Tell Him about the heartache, And tell Him the longings, too; Tell Him the baffed purpose, When we scarce know what to do;

When we scarce know what to do; Then, leaving all our weakness With the One divinely strong, Forget that we bore the burden, And carry away the song. —Margaret E. Sangster.

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#### God's Plans and Ours

God's plans and Ours God's plans are so much larger than our own that the two naturally come into collision. Our plans may include the ease and comfort of doing what we like best. God's plans value our ease and comfort but little, and our growth in goodness and usefulness a great deal. So He wrecks the neat nests we have made for ourselves, due to fiver fights, constrains to fiver the wreck of our lives, forgetting that life is not the gather-ing of pleasant surroundings, but the outpoint or effort and affection for others. others.

#### What is Dying?

What is Dying? I am standing upon the seashore. A ship at my side spreads her white sails to the morning breeze, and starts for the blue ocean. She is an object of beauty and strength, and I stand and watch her until she hangs like a speck of white cloud just where the sea and sky come down to meet and mingle white cloud just where the sea and sky come down to meet and mingle white cloud just where the sea and sky come down to meet and mingle white all. She is from my immast and hull and spar as she was when she left my side, and just as able to bear her load of living freight to the place of her 'estimation. Her diminished size is in me, and not in her. her.

her. And just at that moment when someone at my side says: "There! Ste's gone!" there are other eyee that are watching for her coming; and other voices ready to take up the glad shout: "There she comes!" And that is-"dying."

#### 38 Religion and Work

Give me the man who loves his work, However hard it be, Who only thinks if mean to shirk, And hates the hireling's plea; Though hands and face be hard and

brown, That is a trivial thing. Who wears his duty like a crown Is every inch a king.

#### Friends With God

Friends With God God would have us know how per-fectly natural our relationship to him may be. If you walked by your friends site and did not say a wand to be allowed to be an and the out of the said of the say a wand on the other hand, the more you speak the easier it becomes. So with the dear Lord Speak to Him about everything that comes to you. Say, "God-morning, dear Master," when you awake. Ask His help constantly, even in little things. Say to Him, quietly, again and again, as you work or walk, "Dear Lord!" Speak to Him all the time, and see how near He will seem. will seem.



#### Dress for the Housewife

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Dress for the Housewife I do not know that the dress of the farm housewife should differ mater-ially from that of any other house-wife. The most essential thing is restress; that is within the react of everyone. All can be clean and lave the appearance of being in the oset or the state of the state of the state the appearance of being in the oset or the state of the state of the state the appearance of being in the oset or the state of the state of the state the state of the state of the state or the state of the state of the state sect on which we would give the preference. There are two ladies liv-ng side by side, families the same size, they are equally good cooks and all other conditions about the same. Mrs. A has been doing up the morn-ing's work and is now proparing dire-tressed in a print dress that shows evidence of having been recently land everything in the kichen gives one a general idea that pains are taken with all clean blue and white table-tion. "De one one over to Mrs. B's things".

with all pertaining to the work and people. The dining table is covered with a clean blue and white table-cloth and the dishes are neatly ar-"One one of the dishes are neatly ar-"one of a very different state. Her dimer seemed to be in the same stage of progress, but what a change—the floor was littered all over, a fine linen tablecloth, covered with spots and rings where solid dishes had been set, was carelessly spread, while the dishes looked as though they had been theown at the table. The appearance of the lady was most repulsive, and firing where solid dishes had been set, was carelessly spread, while the dishes looked as though as comb had been near it that morning, her dress was a very rich material and at one time had been a very beau-tiful garment, but as it had been very every morning all through the winter and was not washable; it was a foul affair. All of the odor of the cooking and kitchen clung to it, the trailing skirt swept up the litter as the wearer isomething in wash goods is the most satisfactory. While a doubt as to the warmth may be made an argument against them, it is a very easy matter to use extra underclothing for warmth, and as the dresses are so it is advisuable to make them without. So far as possible the weight of the clothing should be given to the shoul-ders instead of the hips, consequently the wrappers are chosen. While they can be here color bot is shoul-ders instead of the hips, consequently the wrappers are chosen. While the satened to the skichen, so by all means keep them in place either with belts fastened to the skichen, so by all means keep them in place sither with a base their color and do not spling per yard. And above all thing getse have the work dress clear the floor, so that it does not drabbe a verytim. It is not the solid seg that a discon the advi-time averything or have to be held up at very ture. It is not the solid seg then or the stress, to but on a dress, that has at every turn.

It is neither a waste of time or energy to put on a dress that has been kept on purpose for the washing and scrubbing, as this is very hard on the color of the dresses.

### Hemming Table Linen

Hemming Table Linen Some one has made a very clever isted ecovery anent that troublesome were a second that troublesome and the second second second the second second second second present second second second second present second second second second the second seco

paratively easy matter to complete the sewing by hand.

#### .12

#### How to Have Fresh Ribbons

It is the small things that con-tribute most to a girl's neat appear-ance, and nothing detracts more from the looks of a girl than solide or wrinkled ribbons, if she wears them on when the cleaning fluid. Black ribbons will keep cleaning fluid. Black ribbons, and it is necessary strategies of a circl harm is the would be and the second strategies of the second strategies. The second strategies of t

#### Little Weather-Wise Rosy little Dimplecheeks

Came panting in from play, Tired out and sleepy, too, 'Twas such a scorching day.

On my knee she dowed awhile, Then said, as up she looked, "Folks called winter weather raw; I think this must be cooked."



Temiskaming - TO -Hon. E. J. Davis. Commissioner of Crown Lands, Toronto.

Not long ago in a large town in the south of England, an Irishman gave a dinner party. One of the dishes men-tioned on the menu was "roast fowl." He asked the lady on the right what part of the fowl she preferred. "Oh," said she, "Til take a leg, please." The, : asked another lady on his left which part please," said the After asking two other guests and receiving requests for for a leg, Mike dropped the carving knife and fork and exclaimed, "Faith, and what do you think I'm carving at all, at all—a centipede?"



are fruit juices in tablet form. They contain all the tonic and laxative properties of fresh fruits-and are a certain cure for Stomach, Liver and Kidney Diseases. At druggists. 50 cents a box.



suffer from EPILEPSY, FITS, ST. VITUS' DANCE



Some one has solved the problem and offers the following explanation why a locomotive is called "she": "It wears a jacket, an apron, has hose, and drags a train behind it. It has a lap, meeds guides, rides wheels, and will not turn for pedestriams; some-times foams and refuses to work. It attracts the men sometimes, is contrary, as lack and a share the source of the source Detroit Evening Neur.

15 August, 1004

#### 15 August, 1904

### Some Live Farm Topics

#### Some Advantages of Soiling Crops

Among the advantages of solung, clops Among the advantages of solung, clops fam, is that of saving of laud. Those state that one acre of soling crops will produce as much food as three acres, and some good authorities place it at four acres, in pasture. The saving will just be in proportion to the number of acres sown. If this be correct, it then follows that for every acre used for growing soling crops, it leaves two acres more available for growing the other corps of the fam, or, in ullist farm of 100 acres, can, by keeping the same quantity of stock, have at least twenty acres more under grain crop. And the land under the plow would be kept in as high a state of fertility, owing to the large amount of summer made manure of the richest quality, which under the pasturing system, would be Among the advantages of soiling, if under the pasturing system, would be in a great measure lost.

Farmers' Bulletin, No. 16, of the The additional sector of the root time, the discussing solving, or feeding animals largely or wholly on green forage crops in the harn instead of pasturing then, says: Less land is required to maintain a given number of animals. The food supply can be better regulated. The animals do not waste their energy in searching for food, and the manure can all be saved and applied to the soil. The arguments for partial soiling are that the amount of feed to timised by pastures is very irregular, being usually abundant and of good quality early in the season, but failing off later from droughts or early frosts. In the case of milch cows, unless some supplementary food is given at such times, the milk flow diminishes, and the cows fail off in flesh. United States Department of Agriculture, in flesh.

Concerning the relative amounts of food furnished by pasturing and by soiling, the Pennyslvannia Experiment Station found that in round numbers they could produce from three to five they could produce from three to live times as much digestible food per acre, by means of soiling crops, as is pro-duced by pasturage, such as is represent-ed by their smallpot. The plot in ques-tion was believed to Lairly represent the average pasturage. From feeding trials with soiling crops (rye and corn, clover and corn) and pasture grass, the average yeild of milk per acre was calculated as follows:

#### Yields of Milk per acre.

### 1888, 1889,

Though the above is partly an estimate, it points very strongly in favor of soil-

ing.

Trials at the Experiment Station of Wisconsin showed that by soiling in summer a certain area of land will yield double the amount of milk and butter that it will when pasturized.

butter that it will when pasturized. The Connecticut (Storrs) Experiment Sation maintained four cows from June the first to November the first on a little less than two and one-half acres of soiling crops, with the addition of a very light grain and straw feed. At the Ontario Agricultural College about three-fourths of an acre of soiling crops (arrene closer, erren neas three

about three-lourths of an acre of solling crops (green clover, green peas, tares, oats and corn fodder) was sufficient with the addition of 942 pounds wheat bran for two cows for sixty-three days. We might expect, therefore, to grow on about an acre sufficient green food to feed a cow for two hundred days, under ordinary conditions.

One of the arguments used in favor f a general system of soiling is that of

it does away in a large measure with the necessity of having so many fence-on the farm. This saves a considerable annual expenditure for repairs and main-tenance, and does away with the pro-pagating ground for foul weeds of all sorts. Besides it adds to the available of the land occupied by fences under the ordinary system.

the ordinary system. The experience of some of the suc-cessful breeders and feeders, leads them to believe that they get better results by a part soiling and pasture system, tand by full soiling. It is claimed that, stock is the better for being turned to pasture at night, especially during the hot months. And certainly there are many things to be said in tavor of this plan. Still, if cattle are fed in the stable with soiling crops and turned out into a small paddock or yard for the night, thereby oblastiming better results.

free from flies and heat during the day, thereby obtaining better results. One of the greatest benefits to be de-rived from soling is the large increase in the manure supply. By the soliling system all that is made is saved, and can be applied to the land in the best form. When soling is practice, to any large extent, it is safe to say that the extra value of the manure, quantity and qual-ity considered, is more than enough to meet all the extra expense of labor in meet all the extra expense of labor in cutting, hauling and feeding soiling crops.

crops. Another important consideration is that soiling will, if properly managed, clear the foulest land of all noxious weeds. This may be set down as a very strong point in favor of the system. Tens of thousands of acres of the most fertile lands in Ontario are comparativefertile lands in Ontario are comparative-ity worthless from no other reason than that the white daisy, mustard, wild oat, thistles and other noxious weeds occupy the soil to such an extent that there is hardly room left to raise a crop suffi-ciently remunerative to pay for the labor. When the system of soiling is gone about intelligently, weeds are not allow-ed to mature. Annuals cannow withstand a second cutting. Perennials are cut before the seeds form and as every twi-ceasy. Soiling certainly seems to be the surrest and cheapest way of cleaning land when it has become excessively out.

### Building Farm Houses

Building Yarm Houses Suppose those of us who contemplate the building of a home, as well as a house, should spend a little time in planning it first, and be very sure we are right before we go abaed. I think there is hardly any one, even those who have just completed new houses, who would not build just a little differently if New let us try to avoid, as far as possible, this unpleasant conclusion. In the first place, there are few to

In the first place, three are few to whom the expense is not of major im-portance, and I am sure these will find themselves well repaid by careful planning beforehand.

ning beforehand. We are about to commence building a home that has been erected, finished, and altered over at least a dozen times in our brains, and we think we have got it down pretty fine at last, for it is at least six months since we have changed it. Builders used to tell us to dig the cellar, and fill it solidly full of lumber, and pile as much more on top; to buy all the nails we could pos-sibly need, and then add as many more, in order to be sure we had enough. But we are going to get out of that difficulty by building concrete instead

of imber, and that for several reasons. Concrete, well built, is the warmest dwelling that can be erected; for, if

dwelling that can be erected; for, if window and door frames are well fitted, and the composition worked closely around them, the whole is practically airtight; no wind can penetrate. Secondly, it lends itself more readily to different forms of construction. For instance, we propose to build our dining room out separate from the main build-ing, being connected only at one end, and the opposite end we want to build oval in form. Now this would be some-what difficult of accomplishment if built of timber, and orobably we should have

what difficult of accomplishment if built of timber, and probably we should have to employ more skilled labor than the men on the farm afford. But I have made a pretty thorough study of the subject, and am sure that that particular shape will be as easily built as any other, after the molds are once constructed.

We want to build our hall door sun-ken in, I don't know else to express it, for that is the appearance they present, as if they had moved inward a couple of feet before they decided to stop there; but there is no form of decr which is but there is no form of door within our acquaintance that gives such a digniwithin fied appearance to the house it beautifies

hed appearance to the house it beautines as this does. Take such a door as this, in a solid stone house—or one that looks like solid stone—and it is very hard to improve upon.

Another thing; such a house when once thoroughly dried and hardened,

once thoroughly' dried and hardened, is practically one solid stone, from foun-dation stone to eaves, and the years only make it a little dryer and more solid. One, in building, should consider not only the needs of today, but as far as they can be comprehended, those of to-morrow also. For instance, have your gather their mates about the the standard by' I is your prometry increasing, and are gather their mates about them by-and-by? Is your property increasing, and are you hiring more help constantly? Well, then, why not make allowance for the "slop over" now, as well as when it is worse needed.

worse needed. Mary houses are built too small, but few are too large, if within the mean of their owners. But I would rather live in two rooms that were my own, than in a palace some capitalist field a mort-ager on. Cut the pattern according to the cloth every time, but be sure you use all the cloth. And, if possible, if you are not of the "rolling stone" variety of people, but are building for the rest of your life, build in the cupboards, bookcases, aideboards, etc., and don't make the mistake of thinking any of these things are need-less. Trust your wife to find plent; of things for the sideboard, and the few books you have will look so lonesome of things for the sideboard, and the few books you have will look so lonesome you will soon get some more to put be-side them. Remember, we, none of us, ought to live entirely for the sake of putting money in our pockets, but for our families, our fellow men and the credit of the country; and this depends very largely upon the appearance of the farmtacads\_-P. Hones.

### Canadians are the Men to Do It.

The North British Agriculturist, re-ferring to the new Canadian Seed Growers' Association recently formed at Ottawa, savs:

Ottawa, says: "There is no doubt that great good can be done in this way, and the Can-adians are the men to do it. In our own country the enterprise of our seeds-men has not left so much for our far-mers to do in this line, but the enterprise of their Canadian competitors may well stir them up to leave nothing undone in the way of selecting seed of the very best and most productive kind. The extra cost of such seed will be re-paid a hundred-fold in the greater yield and superior quality of the crop grown therefrom."

## A Page About Live Stock

#### Judging Ages in Stock

At the Smithfield and Birmingham shows the following rules govern the

judgment of the age of animals : Cattle having their central permanent incisors cut will be considered as exceed-

incisors cut win be considered as exceed-ing one year and six months. Cattle having their central permanent incisors fully up will be considered as exceeding one year and nine months. Catile having their second pair of per-menent incisors fully up will be consider-

ed as exceeding two years and three months.

Cattle having their third pair of per

cattle having their third pair of per-manent incisors cut will be considered as exceeding two years and eight months. Cattle having their fourth pair (cor-ner) permanent incisors fully up and their anterior molars showing signs of wear will be considered as exceeding three years.

Sheep having their central permanent

The phaving their central permanent incisors cut will be considered as ex-ceeding ten months. Sheep having their and permanent incisors cut will be considered as incocceeding tyelver months. Sheep having their third pair of per-manent incisors cut will be considered as exceeding nineteen months. Sheep having their third pair of per-manent incisors fully up and the tempo-rary molars shed will be considered as exceeding their correr permanent incisors well up and showing marks of wear will be considered as exceeding three years. Pigs having their corner permanent incisors cut will be considered as ex-ceeding is months.

ceeding six months.

Pigs s having their permanent tusks than half up will be considered more

as exceeding nine months. Pigs having their central permanent incisors up and any of the first three permanent molars cut will be considered

permanent molars cut will be considered as exceeding twelve months. Pigs having their lateral temporary incisors shed and the permanents appear-ing will be considered as exceeding fifteen months. Pigs having their lateral permanent incisors fully up will be considered as exceeding eighteen months.

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#### Compensation for Stock Slaughtered

Hon. Mr. Fisher has given notice of an amendment to the animal contagious diseases act by adding "maladie due coit" to the list of contagious diseases, and providing that in case of animals beand providing that in case of animals pe-ing slauphtered the compensation, if any, shall be two-thirds the value of the animal before infection; except where the animal was not slaughtered justifiably, the full value of the animal shall be paid. The limit of value to be learned upon any animal so glauphtered shall be paid. The limit or varie to ver-placed upon any animal so slaughtered is fixed as follows: Grade animals-Horses, \$150; cattle, \$60; sheep or pig, \$15; and for pure-bred animals, horses, \$300; cattle, \$150; sheep or pig, \$50.

#### 36.

#### Colic in Horses

Colic in Horses A prevention of the principle and most frequent exciting causes of colic will be effected if the horse is always regularly fed; if the food is sound, wholesome and digestible; if feeding a heavy meal immediately before and after severe exercise is avoided; if no food which has a tendency to ferment or that severe exercise is avoided; if no food which has a tendency to ferment or that is rich in alkalies is given; if no ice-cold water is given to drink or, when it can not be avoided, only in small guantities, and never when the horse-is perspiring or has an empty store ach, and if meal or brain is given as food, that it be thoroughly molitenes doubtedly constitutes a frequent cause

of colic, especially in animals in which the necessary predisposing causes are already existing. Too large a quantity of food in the stomach and intestines of food in the stomach and intestines not only requires an increased activity of the digestive apparatus and conse-quently an increased supply of the di-gestive canal with blood, but also re-tards and impedes the peristaltic motions, and by expanding the abnormal cavity and pressing upon the diaphragm, de-creases the snace in the chest and thus and pressing upon the diaphragm, de-creases the space in the chest and thus interferes more or less with the func-tions of the heart and of the lungs, and in consequence, with the decarboniza-tion of the blood and the regularity of its circulation.

#### 'Why Sows Eat Their Pigs

'Why Sows Eat Their Pigs That veteran swine breeder, Theo-dor Louis, has this to say as to the easons: "The first cause cat their young: "The first cause cat their young: constipation of the say for the rowing, which is produced by impro-per feeding, and hence is casily avoid-ed. In this condition, probably long continued, the sow farrows, a fever results, caked udder follows, it be-comes inflamed, sore to the touch, and terribly painful when attacked by hungry pigs eager for their natural sustemace. A passion amounting to imanity follows-a failing that human numery pigs eager for their natural sustemance. A passion amounting to insanity follows-a failing that human beings are not always exempt from-and the sow chooses the shortest the sow chooses the shortest and it should have been prevented. That conduct have been prevented, and it should have been perturned, not the source should have been perturned water and then rubbed with hot water and then rubbed with hot water and then rubbed with hot water and then part turpen-tine to two parts lard, applied while warm. Relieve contiveness and give a dry, warm bed, and in a few hours the soreness will be so allayed that the pigs may nurse with safety. A good physic in such cases is a piece of sall pork cut in the cantre down to rind; put in the salt a tabiseponful of of sail pork cut in the centre down to rind; put in the slit a tablesponful of calomel for a large sow, proportion-ately less for a smaller one. Feed a few small slices of pork without calo-mel first. This seems to modify the appetite for young pig. But the best way is to prevent constipation in the first place.

Another cause of pig eating is the tusks of young pigs, which often in-flict painful wounds that the sow flict painful wounds that the sow madly resents by scattering her pigs in all, directions. With a pair of pinchers remove the tusks, and if the sow is in good condition there will be no trouble. The sow does not eat her pigs because she loves them so, but for reasons that proper feeding and ensuit layour present. and care will always prevent.

#### Condiments for Live Stock

Is condimental food necessary for Is condimental food necessary for the use of our live stock? The ques-tion may be answered by aking a other-are condiments necessars and penefic either to our palete or our di-gestion by the use of such things as salt, mustard, pepper, pickles, sauces, etc., it is manifest that the correspond-ing articles must have a like use to the lower animals. The value of such is due to various results; they stimu-late the flow of saliva in the mouth, they stimulate the flow of gastric juice in the stomach, they act as a tonic or a medicine, while if the food is not very galatable, they improve it in this respect. Salit itself is absolutely ne-cesser. Salit itself is absolutely ne-tra by distributing the total aolids of the same bag ordinary salt, and giving a brackish taste to it. In adthe use of our live stock? The quesdition to this, however, there cannot be the least doubt, that the absorption of some other bodies into the system has a beneficial effect, such as sul-phur, black antimony (sulphide) iron sulphate, salipetre, etc., among min-eral bodies with fenugreek, gentian, anised and ginger amongs nerbs. The basis of most condimental foods it maize meal, with which the other imature of log y fine condition. A mixture of log y fine condition. A of meal makes a very good home-made apice, and a very good home-made article. One thing ablue ready-made article. One thing ablue ready-mental food must be kept in mindi-continuous use will, so to "blunt" the stomach, and its efficient will cease after a time. Its value hes in making musty food more pala-Tount' the stomach, and its efficacy will cease after a time. Its value lies in making musty food more pala-table, in stimulating the development of edd, in forcing the development of edd, and as on-its continuous use not being desirable. --The Dairy.

Prevention of White Scours in Calves The board of Agriculture and Fish-eries of Great Britain recommends the following procedure in treating calves for white scours :

## DISINFECTION OF PREMISES

DISINFECTION OF PERMISES The floors of cow-houses and calf-houses should be thoroughly cleaned and disinfected at least once each week with a solution of biue-stone (a bis. of blue stone to every 3 gallons of watche the stone to every 3 gallons of watche and the solution of the cali-house should be of concrete, and must be sweldly and disinfected with a solution of blue-stone of the above strength.

#### NAVEL TREATMENT

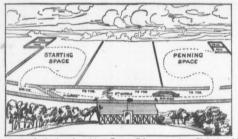
(a.) When the cow is about to calve place a good layer of clean fresh hay or straw behind her to keep the calf clean.

the calf clean. (b.) When she shows signs of calv-ing her "bearings" should be washed with a warm a per cent solution of lysol in warm a per cent solution of lysol in the same warm solution of lysol should be injected into the barn. (c) The born. (c)

(d) Investment of a solution of (d) Immediately the cord is tied the portion adhering to the calf and the surrounder of the calf and painted with a surface must be well painted with a surface of the surface painted with a surface of the surface painted with a surface of the surface of the surface of the surface to two pints of melly and applications (e) After a few value to the surface cord must be painted applications (collodion containing per call of the collodion containing ar may be used for this purpose instead of collo-dion and iodine.

Separated milk should not be given ntil the calf is four weeks old. The until the calf is four weeks old. The change from new to separated milk should be added to separated milk have a substitute for the cream re-moved by the separator. One to two oz. per day of the best cod liver oil, or a muclage prep. ed by steeping flax seed or good i...seed cake in hot water, will be found useful for this purpose, if the quantity is carefully regulated in accordance with the state of the bowels.

No Use.—"Don't you think it would be a good idea to send our beloved pastor abroad?" "But he wouldn't stay."—Life.



The class for the sheep dog trials at Toronto Fair seems to have filled a long-felt want, judging from the number of enquirers for the special circular regarding these trials, and many owners of dogs in the United States and Canada have alr ady signified their intention of competing. The above diagram represents one of the trials the dogs will have to undergo.

## Correspondence

#### Killing Weeds and Thistles Editor THE FARMING WORLD:

Editor THE FAMAING WORLD: I notice an article in THE FARMING WORLD entitled "Weeds and Thistes." I will give you my plan of getting rid of these pests. I may say that I have very little trouble with either. In the first place, I keep all weeds and thisles cut on the highway. I only plow a plot of ground two or three seasons, and re-seed again, using pleutover-on best field, red clover, on low land aible. I had cood results getting rid high land red clover, on low land alike. I had good results getting rid of daisies by turning down sod in the full, sowing oats the following spring, and seeding heavily to timothy directly after the cop is taken of i, then top-dressing with manure the following winter. It is a mistake for farmers be have a larger hoe coport are sown kept clean. If more nois to weeds in to weeds to have a magnitude of the second second

.18

#### Winter Manuring

#### Editor THE FARMING WORLD:

This is a subject that has been dis-cussed a great deal lately, and perhaps my experience on the subject might be

In the first place I will give my rea-sons for being in favor of winter manur-ing. Firstly, I think manure can be applied cheaper in the winter, as most farmers are not very buys at this time of the year, consequently the time is not as valuable as it is in the spring when they ought to be rushing in the crop. Secondly, I think when the man-ure is applied in the winter, it gives the spring rains a charce to soak the decomposed manure into the second stad of we, and also helps not the work and the start of the second or clog the cultivator teeth as it does when applied in the spring. Lastly, I think, and a large number of the best farmers, I believe, are of the same copi-tion, that the fresher manure is applied the work using heap to rot, part of it will be almost useless by the time ally of the heap it rotted. The reason will some of it is spoile much heat that the beap general middle of the heap is barry some of it is spoile much heap is barry some of it is spoile much heap is barry manufer in the spring. Lastly for the present in the spring of the barry some of it is spoile much heap is barry some of it is spoile much heap is barry matter left in it. f some use. In the first place I will give my reaManure properly a plied, we all know, is very beneficial to the soil, inasmuch as it supplies much of its lost fertility, but manure can be so applied as to be an injury instead of a benefit.

Always try to apply your coarse man-ure to clay soils, as they need something to keep them prous as well as to fer-tilize. Do not apply coarse manure to loamy soil, as it keeps it too open and to loamy soil, as it keeps it too open and it will consequently dry out. Never apply manure to such growing crops as roots or potatoes, as it injures instead of benefits them.

of benefits them. For two years we have applied as soon as possible after the ground froze up a coat of manure to our winter wheat. It keeps the snow from being all blown off, leaving it exposed. It also protects it in the early spring as well as fertiliz-

ing it. Where a manure spreader is used the manure will have to be applied after it freezes up in the fall and before the snow comes

"LARK."

#### 38 Weeds

#### Editor FARMING WORLD:

Editor FARMING WORLD: Now is the time of year when nearly every variety of injurious weeds are fully developed that descerate our fair province; now is the time of the year for the farmer to practice some of the methods adopted to destroy injurious weeds. The Canada thistle, that creeping peremial with underground stems and spreads by the roots, is with us now in flowering bloom, and is a terror to an up-to-date farmer. The methods adopted to destroy are so simple methods adopted to destroy are so simple we wonder one is allowed to thrive. There are several methods used by the practical farmer; one method is this and it requires a little hard work: Dig out every root, or mow off when in full bloom, and then use the plow two weeks later to keep the surface well cultivated and leaves from forming. If you are blessed with a small patch, they can be smothered out by putting a manure nile or straw stack over it.

be smothered out by putting a manue-pile or straw stack over it. Weed-destroying methods are of the utmost importance to the farmer. Weeds are the source of a great loss to farmers. They rob the soil of moisture and plant food that useful plants should have. The harm that weeds do is legion to sumerous to mention. Like all have. The harm that weeds do is legion and too numerous to mention. Like all other plants, weeds are classified per-ennial, beinnials, winter and summer annuals. If we want to get rid of them study their habits and the methods of eradicating them. P. E. Buchner, Norfolk Co., Ont.

## Distributing Grants to Agricultural Societies

In a recent letter to H. B. Cowan, Superintendent of Fairs for Ontario, re-garding the distribution of grants to agricultural societies, C. W. Peterson, Secretary of the Territorial Live Stock

Secretary of the Territorial Live Stock Association, says: "There cannot, in my opinion, be any question whatever that the most equi-able and satisfactory manner of distri-buting grants to agricultural societies is on a basis of the actual amount of mego paid the actual prize money of mego paid the actual for a po-ment has here adouted in nearly all the ment has here adouted in nearly all the ment has been adopted in hearly all the Australian states and has been found very satisfactory there. Payment on a very satisfactory there. Fayment on a basis of membership seens to me to be a most antiquated and senseless arrange-ment. If the main object of the society is to hold a useful exhibition, it stands to reason that the measure of its success may be more correctly estimated by the volume of its agricultural exhibits than by the number of store keepers, profes-sional men and others that happen to have joined the society by way of con-tributing a dollar to its funds. I do not think that the wisdom of the Ter-total legislation granifics in the se not think that the wisdom of the ler-ritorial legislative provision in that re-spect admits of any argument. As far as I am aware all agricultural societies with the exception of a few that were in the habit of receiving a grant on a minimum membership basis without giving any adequate return therefor, are very much in favor of the distribution of the annual grant on a basis of actual performance

performance." The great unfairness of the present basis of distributing grants in Ontario is shown by the following: It has been found that a township society near Toronto paid out in 1902 over \$2,300 in agricultural prizes, being the lacoset ium naid out by any society. the largest sum paid out by any society, either district or township, in the pro-vince for that year. Of the four socie-ties which paid out the most for agrities which paid out the most for agri-cultural purposes, two are township or-ganizations. One township society re-ceiving a grant of \$80 paid out over \$1,000 in agricultural prizes, while a district society receiving a grant of \$800, paid out only \$1,128. One dis-trict society receiving a government grant of \$300, whose total receipts were \$4,400, paid out less than \$900 for agri-cultural purposes. Another district society receiving a grant of \$300 with \$4,420, paid out less than \$900 for agri-cultural purposes. Another district society receiving a grant of \$389, with total receipts of \$5,100 paid out about \$800 in agricultural prizes. Another society receiving a grant of \$380, with total receipts of over \$1,200 paid less than \$285 for agricultural work.

Among the township societies, one which received a grant of \$121, paid out only \$72 for agricultural prizes; another one receiving \$90 for a government grant, with total receipts of \$1,200, paid out but \$15 for agriculture. A third out but \$15 for agriculture. A third society receiving a grant of \$140 paid \$85 for agricultural work.

### .1

#### A Thrifty Scotchman

A Thrifty Bootchman "Well, James, how are you feeling to-day?" said the minister, to one of his parishioners, an old man suffering from chronic rheumatism. "You are not look-ing the said of the said of the said of the rege unforting the day." They for an eye unforting the day." "How, James". "Well, sir, I got a letter fra a Gasca lawer body this mornin', 'How, James". "And you call that hard luck? Why, it is guite a fortune for you, James." "Are," as id the old man sorrowfully, "but the sithig lawyer body didna pit enouch atamps on his letter, an' I had a hale samence to pey for extra post-age." age."

### OUESTIONS AND ANSWERS

#### Horse With Cough

Could you give me some satisfactory cure for a cough? I have a horse that has a hard, dry cough. He seems to be dull and hungry all the time. I feed cure for a cough? I have anisoteopy has a hard, dry cough. He seems to be dull and hungry all the time. I feed three gallons of oats a day with hay. Also, I would like a satisfactory cure for itch on horses. They kick and stamp all the time.—Subscriber, Russell Cor, Ont.

stamp an the unit Co., Ont. To give a satisfactory cure, one should know definitely the cause of the cough. A horse with lung trouble will usually have a dry, hard cough, which can easily have no provide the satisfactory of the satisfactory of the coupling of the satisfactory of the sa be told on examination. Your probably has some stomach trouble. had better diet it and give a laxative. Also change the feed and give something has becker one it also give a maxive. Also change the feed and give something more succulent. A bran mash or some-thing of that kind will help. A omach-will sometimes have a cough. There is no very effective remedy for bots. A mixture of two ounces of turpentine to one and one-half pints of milk, given three mornings in succession on an empty stomach will probably do as much good as anything else. The tich may be caused by some skin disease or by lice on the body. If the former, give the horse some sulphur in the food. If due to lice and there are only two or three animals affected, wash the body well with English soft soop, which may be had at any drug siore. If there are a number of horses affected, spray the animals with Fyrethrum pow-

spray the animals with Pyrethrum powder

ABOUT RURAL LAW

#### 

In this column will be answered for any In this column will be answered for any paid-up subscribes, freeofcharge, questions of law. Make your questions brief and to the point. This column is in charge of a com-petent lawyer, who will, from time to time, publish hereas to farmers. Address your com-parations which a records. Columns," The Farming World, Tecords munications to "Legal Farming World, Teronto,

#### Draining on a Road

Q.-A's house stands on the north-east corner of sideroad and concession. easi corner of sideroad and concession. Two years ago A ran a tile drain from his cellar into an open drain which crosses the sideroad. The water runs over the sideroad and keeps it very wet. It would not do to put in a culvert here, and the only remedy is to run a tile drain from where A has left off drain-

drain from where A has left off drain-ing, and continue about thirty yards down the road. 1. Can the township council compel A to put in tile on the road?-G.B.W., Ontario. A.-1. No. But probably they would be entitled to cut off A's drain by a wall, or other means, so as to prevent the water from A's drain flowing into the ditch on the highway. Then if A could get no other outlet he would have to take the proceedings set out in R.S.O., Cap. 226. We assume that the water from the ditch would not how over the highway unless the water from A's drain flowed into it. flowed into it.

#### Purchase of Machine

Purchase of Machine Q.--I bought a machine from the local general agent of the manufacturer. The agreement was that they should give me a machine with sickle and also repair old machine. They did send me the new machine, but did not send the sickle

#### THE FARMING WORLD

or sheaf carrier or repair old machine until winter. These goods were to have been delivered in Junc, 1902. 1. Can I sue manufacturer for damages for his 1 sue manufacturer for damages for his failing to fulfi his contract in the Divi-sion Court here, or will I be compelled to manufacturer's court (court for the division in which the manufacturer re-sides)? 2. Could they raise the question of jurisdiction?-J. S.

of jurisdiction?—J. S. A.—J. The action must be tried in the division in which the defendant re-sides, or in which the cause or action the contract and the breach of the con-tract and the breach of the con-tract was made in your division and the peorformance, i.e., the delivery of the performance, i.e., the delivery of the there; you could sure it in a division. 2. The defendant could of course raise the americon of invidition but subshifts. the question of jurisdiction, but whether or not he would succeed would depend on the above principles.

#### ....

### Cattle Trespassing

Cattle Trespassing Q.-In the township in which I live cattle are allowed to run at large. My neighbor's cattle run on my land all the time, at our I.-Can I force thin to keep his cattle off my land if they come on by the public road?--A. A. C. Ont. A. dh his cattle broke through the fence and came on your land, or even if they came through the gate while it was open for a lawful purpose, you could set the for the damage done, or do could drive them out and sue him for the dramage. But if your land is not pro-perly fenced, you would have no remedy your land. your land. .4

### Horses Killed

Horses Killed  $Q_{--}$  occupied about an acre of lot 30, adjoining the railway. His horses pas-turing on another part of the lot, which he did not occupy, but to which he had no tille, passed on to the track and were killed by a passing train. 1. Is P entitled to damages from the railway company? -G. L. Y.  $A_{--}$  No. P would not be entitled to call upon the railway company to fence across the part of the lot from which the horses escaped; and, therefore, the com-pany would not be liable to make good the loss to P.

#### In and Around Quebec

In and Around Quebec Haying is half finished, and the crop is a good one. The weather has been variable since the first hay went down about July 1st, and not more than an average c: three days a week have been hay days. This season has been a growing time, rain and sunshine have been the season has been the been this hay days. This season has been a growing time, rain and sunshine have alternated sufficiently to keep things fresh and moving without a check. Po-tatoes, grain and roots all look splendid, but corn is not advanced as it generally is at this time. In places, the farmers claim that the seed has been bad, that much of it failetho germa life in it. Co-casionally a fine piece of corn is seen. For many years, so great an abundance of fruit has not been seen. No late frost marred the promise of immense fruit crops which the spring blossom-ing indicated. Apples, plums, rasp-berries, strawberries, currants, goose-berries and backberries wijh down the trees and bushes, while tomatoes and melons are very forward, and the market gardener should be in the happiest of more and the spring holosson and the market and the market being the spring blosson-ties and bushes, while tomatoes and melons are very forward, and the market gardener should be in the happiest of more and the spring holosson birts a birts a later and the spring blosson and the market birts and the market birts and bushes, while tomatoes and melons are very forward, as birts a later and the market birts and bushes while tomatoes and the market birts and bushes, while tomatoes and melons are very forward, as birts a later the spring blosson birts and the market birts and bushes while tomatoes and melons are very forward, as birts a later the spring blosson birts and the market birts and bushes while tomatoes and blosson birts and birts a birts a later birts and bir

moods. Dairy produce is not as high as last year, and some disappointment among the farmers was manifest in April and May at the cheese and butter factory returns. Things mended somewhat in

The August, 1924 June, for in addition to an increase in the value of butter, the pastures have set of the set and the set of the set of the set the set of the set of the set of the the set of the set of the set of the the set of the the set of the set o

#### .12 Prince Edward Island

Warm weather. Some of our far-mers finished hay making on Aug. 2. As the weather was favorable most of the hay was saved in good condition. Good crops in some sections of the the hay was saved in good condition. Good crops in some sections of the country, while in others hardly worth cutting. One North River farmer has a 4-acre field which yielded about 12 tons of excellent hay. Oats will be short on account of the dry weather. Our farmers find it necessary to give the potato bugs frequent doses of Paris green. Yegenables look well. Cherrics green. Vegetables look well, Cherries and black currants are scarce, but blue-berries, raspberries and gooseberries are very plentiful. There is promise of an abundant crop of apples and plums.

#### CHARLOTTETOWN MARKETS

CHARLOTTETOWN MARGETS. Beef, dr., per Ib. 6 to 0.9; small 8 to 14c.; pork 555 to 536; bacon, small, 14c. per Ib.; lamb, 12c. per Ib.; cattle, dressed, 6 to 8c.; butter, tub, 17 to 18c.; fresh, 8 to 30c. per Ib.; new potatoes, 80 to 51.00 per bus.; flour, per ewt, 32.00; dr. blub, \$5.00; straw, per ewt, 32.00; dr. blub, \$5.00; straw, per ewt, 326.; law, per ewt, 30 to 35c.; oats, per bus, 38 to 40 etc.; chicken, per pair, 30c; per dt.; blueberries, 4 to 3c.; binh 2008, 5c. per dt; peas, 14c. per dt; codink, 50c. per dozen; little pigs, \$3.50 to \$4.00 per pair. per pair.

#### SUMMERSIDE MARKET.

SUMMERSIDE MARKET. Hay, loose, \$1100 per ton; oats, black, 25c, white, 34c, per hus; eggs, 15c, per dor; butter, looper hus; eggs, 15c, per dor; butter, looper hus; wool, 20c, per b; four, \$1.50 to \$1.60 per cwt; rasp-berries, 6c, per qt; blueberries, 4c; wheat, per bus, 75 to 80c. An enterprising farmer living about five miles from the city keeps 11 mileh cows. He sends about 200 hs, of milk to the Condensed Factory dairy, for which he receives 80 cents per cvt.

to the Condensed Factory daiy, for which he receives 80 cents per cvt. Robert W. McPhail, of Greenwood Farm, New Haven, has a large English Berkshire sow which has given birth to 34 pigs in ten months—11 the 15th of Sept. 11 in February and 13 July 30th. The sow is five years old and has given birth to 113 pigs. There was a fair attendance at the

The sow is five years old and has given birth to 138 pigs. There was a fair attendance at the Cheese Board on July 31st. The buyen the source of the source of the source E. T. Hings for H. Massure Brez Spillet, A. J. Biffin and John Wheatley. The cheese boarded was Red Point so, Lakeville 130, St. Peters 100, East River 84, Stanley Bridge 230, Red House 83, New Perth 140, Haylebrook 94, Hills-bord' 180, Kensington 560, Union 130, Dundas 110, Corrwall 126, Gowan Braz 85, Winsloe 70, Kinkora 150. The high-cut at third was by K. Atkino d 736c, wat at third was by K. Atkino d 736c, wat at third was by K. Atkino d 736c, wat at third was by K. Atkino d 756c, wat at third was by K. Atkino d 756c. The source of the source of the source of the representatives would dispose of ther fork. The bid was increased by E. T. Higgs to 7.7-16c. This price was ac-cepted by Union, Dundas and Corn-wall.

IE August. 1004

Webster Vaniderstine of Midgell Mills recently purchased for a handsome sum the beautiful two-year-old colt owned by J. F. Hayden, Vernon River. This ani-mal was sired by the famous Kilnwick, Jre, and the mare a hackney. Mr. Vani-derstine intends keeping hum for breech ing purposes, and will place him on exhibition this fail. A. R.

#### Exhibition of Seeds

Exhibition of Seeds The Seed Division, Ottawa, has ar-ranged an exhibition of seeds to be held in connection with he Provincial Win-ter Fair at Guelph. It will be open to operating members of the Canadian Seed Growers' Association, who are urgently requested to make exhibits. The following archae the end exhibits will be leaded: made

made: 1. All seeds exhibited in this depart-ment must have been grown and selected by the exhibitor as provided for in the Constitution, By-laws and Regulations of the Canadian Seed Growers' Asy-ciation, and be the product output of the Canadian Seed Growers' Asy-ciation, and be the product output of the Canadian Seed Conversion that the second second second second second the second second second second second the second seco seeds. of

The committee for the seed department reserves the right to reject any entry, shall control the arrangement of entry, shall control the arrangement of all exhibits, and may cause each exhibit to be labelled with the name of the variety, the name and address of the exhibitor, the amount of general crop seed for sale, and record notes showing its history

3. Exhibits of wheat, oats, barley, eas, beans, flax or millet shall be as follows:

4. All exhibits of seed corn must be shown in the ear.

shown in the ear. 6. Members of the Seed Growers' Association will be provided with space for exhibits of seed of which records are kept by the association, but which may not be eligible to compete for prizes; as, hand-selected improved, and general crossed of the first year. 6. All entries must be near supplied free by the secretary on application. Entry fees not required.

#### PRIZE LIST.

Prizes will be awarded for fall wheat, spring wheat, white oats, black oats, and six-rowed barley, as follows:

Hand-selected seed of the second or subsequent years \$5 \$3 \$2 \$1 C. Group exhibits of registered 7 4 2 1 C. lat 2nd Srd 7 4 2 1 C.

Hand-Selected Seed Corn.

\$5 \$3 \$2 \$1 C.

3 2 1 C. 3 2 1 C.

## S Cheerful Idiot

"I should like to know why," said the Intellectual Grubber, "money is called 'dough'?" "Because," simpered the Cheerful Idiot, "everybody kneads it."

YOU ALWAYS DRAW OUT MORE THAN YOU PUT IN If you keep your Savings The Bank of Toronto No need to worry about your money when you invest in a Bank of Toronto Savings Passbook. Your money deposited there is absolutely safe, and interest is added every six months. The following figures rep-Your Security: Paid-Up Capital - - \$3,000,000 Reserve Fund - - 3,200,000 Total Assets - - 26,000,000 Head Office and 4 Branches, Toronto, Ontario AP ranches in Montreal, Que. 30 Branches in Ontario Just a Word, Please. To tell you of our Fall Opening, September 1st. We've been pre-paring for it for two months. We've elbowed our way out into larger pre-mises, and given the whole place a fresh coat of paint and paper. There's no argument about have the finest business school premises in Canada. It's really worth your while to look through them Put the two things together-large, airy, fresh premises and our business-like system of conducting things, and you have an ideal atmosphere for work. If you cannot come let us send you a catalogue. It's a fitting representation of the school, and is yours for the asking Central usiness College OF TORONTO W. H. SHAW, . . Principal. THE WESTERN FAIR LONDON Sept. 9th to 17th, 1904 **37th Annual Exhibition** Its continued growth and importance demands greater accommodation. A new Brick and Cement Dairy Building costing \$10,000 has been added, giving a floor space of 8,500 feet, with com-plete demonstrating department and refrigerating system More room provided for Agricultural ad Horticultural Products. Live and and Horticultural Products. Live Stock Buildings the best on the Conti-nent. Ample accommodation for all. Entertainment features the best. Stabling and measures the test. Stabling and space allotted as entries are recei Special Raliway Service. Entries Close Sept. Sth. Prize Lists Now Ready. LT.-COL. W. M. GARTSHORE, President.

J. A. NELLES, Secretary.

#### Farmers' Institute Tent

Superintendent Putnam has arranged Superintendent Putnam has arranged to have a tent on the grounds of the Canadian National Exhibition, in the vicinity of the Women's Building, dur-ing the two weeks of the Fair. All far-mers, especially members of Institutes, will be made welcome at this tent at all times. Members of Women's Institutes are also requested to make this tent their times. Memoers of women's institutes are also requested to make this tent their parts and the second second second second prepresentative will be in attendance to give information regarding Women's institutes. A convention of Farmers' Institute delegates has been arranged for September 6 and 7, and a large majority of the Institutes throughout the pro-vince have expressed their intention session will be held in the tent at 2 pm. on the afternoon of the 6th, and will be opened by addresses from per-sons who have been connected with the work for a number of years. The meet-ing, will then be thrown open for a genwork for a number of years. The meet-ing will then be thrown open for a gen-eral discussion on matters of vital im-portance to the success of the Institutes. There will also be a session on Septem-ber 7th from 2 to 5 p.m. and the dele-gates will decide at this session whether an evening session will be held on that day or not. Those who served the held. an evening session will be held on that day or not. Those who expect to be present are requested to send their names and addresses to G. A. Putnam, Super-intendent of Farmers' Institutes, Parlia-

intendent of Farmers' Institutes, Parila-ment Buildings, Toronto, Mr. A. P. Westervelt, Secretary of Live Stock and Poultry Associations; Mr. H. W. Wade, Registrar of Live Stock; Mr. H. B. Cowan, Superintendent of Fairs Associations, and Mr. P. W. Hodgetts, Secretary of the Fruit Grow-ers' Associations, will each be present or have a representative in this tent during the time of the Exhibition.

#### Enlarged Grounds

The directors of the Central Canada Exhibition, which is undoubtedly a grand fair, are leaving nothing undone to make their show this year a greater success than ever before. The sum of \$11,500 will be paid to Mr. J. A. Smart, Deputy Minister of the Interior, and \$5,000 to Mrs. J. Maclean, for land needed by the Central Fair men, and which will give the directors grounds of over sixty acress in extent, with a anadosme building. Mr. Smart's present residence, for a re-tio the grounds is being enlarged and very much improved. The directors are to be congrutatived on their progre-siveness. The dates of the fair are Sept. 16th to 24th. Exhibition, which is undoubtedly a grand 16th to 24th.

### 38

#### The Western Fair

The Western Fair There is not a farmer who is not in-treated in the speeding events, and to still further increase the interest the management has made a wise move programme and the speeding events, and the speeding events and pacers, and a speeding the time bring about the dis-visions were never speeding concerned. Regarding the other ring attractions, it wight be aid that the acts will be the being to give visitors something better that money can secure, the one aim being to give visitors something better that money can secure, the one aim being to give visitors something better that money can secure, the one aim being to give visitors something better that money can secure, the one aim better that money can secure, the one aim the past. The Western Fair seeds no special card to make it draw, as in the past it will have every depart-built on its merey.

### Both Had Cause

Crusteigh-How did you dare, sir, to kiss my daughter last night on the balcony? Gayboy-Well, now that I've seen her by dayight, I wonder myself.-Phila-delphia Inquirer.

### In the Poultry Yard

#### Shelter Controls Eggs

The West Virginia experiment sta-tion gives a timely and interesting re-port showing the difference in egg proport showing the difference in egg pro-duction where the same food and same care were given two groups of pullets. One group was warmly housed, while the other was sheltered in a cold house. There were five periods of time accord-ed the fowls of thirty days each. The record was as follows for eggs pro-record was as follows for eggs produced :

First Period.
Warm house 725
Cold house 424
Second Period.
Warm house 1,083
Cold house
Warm house1,150
Cold house 858
Fourth Period.
Warm house1,000
Cold house

Fifth Period. Warm house ..... 1,281 Cold house ..... 954

cold on midwinter nights to cover them there will be a saving of food and a saving of suffering with farm fowls. .58

#### Poultry Diseases-Remedy and Prevention

Exercise is the best tonic. Never feed sour or tainted food.

Rever field sour of tained food. Cleanliness is next to godliness. High perches cause bumble feet. Keep the drinking fountains clean. Clean up the droppings every morn-

ing. Kerosene the roosts once a week for

Kerosene the roosts once a week for lice. Feather-pulling is a vice caused by overcrowding and idleness. Burn a pound of sulphur in each pen once a month to disinfect. The moment sickness is noticed separ-ate the vicitim from the well ones. Before giving liquid medicine to a fowl see that the nostfile are choicer? are nothing more than indigestion and lice.

Quinine dissolved in water is an ex-cellent wash for swelled head in roup. Keep a piece of asafetida in the drink-

An ointment made of equal parts of kerosene and melted lard will cure scaly

For lice rub the heads of the chicks with a sponge that has been moistened with kerosene.

with kerosene. • tablesponful of kerosene in a quart of drinking water is a good remedy for cold in the head. Put four drops of incture of aconite in half a pint of drinking water if there are signs of colds by sneezing. Gapes is a disease that shows itself in chicks between six and eight weeks of age and not generally after four When nullets are no fat

When pullets are too fat too much animal heat is apt to be created, which is likely to throw them in moult out of

season. To disinfect, clean the coops and then wash thoroughly with water containing five ounces of sulphuric acid to one gal-lon. Spade up the runs and scatter carbolate of lime freely about the house. A small piece of camphor about the size of a grain of wheat daily and 10 drops of camphor or turpentine added to a pint of drinking water is a good -A Few Hens, remedy for the gapes.-

About Turkeys

About Turkeys The following points on this subject should be kept in view: The time for incubation is twenty-six to twenty-eight days. The chicks do not require food for twenty-four hours after hatching.

twenty-tour hours after hatching. Before putting them in the coop see that it is perfectly clean and free from insects, and dust the chicks twice a week with insect powder, and dust the hen the same time. Remember that nine-tenths of the young turkeys die from lice when they die at all

of the young turkeys die from lice when they die at all. Never let young turkeys get wet. Filth will soon make short work of them. Feed on clean surfaces. Give water or milk freish three times daily, and in a manner so that they can only wet their beaks. For the first fortnight feed on hard boiled egg, onions, dandelions, lettuce, anotion of thread, all wide and alloyped vere finst i feed every two hours, early

very fine; feed every two hours, early and late.

and late. After the first week a little wheat can be offered in addition to the above, also maize meal, wheatmeal, and ground oats, and they will gradually get off the eggs and green food. Remove the coop to fresh ground dite.

daily.

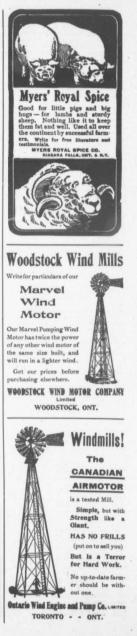
daily. Ground bone, fine gravel, ground shell, and dust bath must be provided. Give the hen and chicks full liberty on dry, warm days after they are a

on dry, warm days after they are a formight old, but they must be carefully attended to until well feathered. A roost in an open shed with a south aspect, protected from north and cast winds, is much better than a closed house for grown turkeys. A single union of a male and female fertilises all the eggs the hen will lay for the season; hence one gobbler will suffice for many hens. It is not advisable to mate a very large gobbler with small hens, as the result will be injury to the latter. If you have a heavy gobbler you must also have large hens.

hens. Gobblers and hens of the same age may be mated, but over-year hens and a young cock is good maing. Laying turkeys must not be kept in confinement, as they do so much better if allowed to roam at their own sweet will, and find their own nests. Fattening: Some breeders shut up their birds for a month in large sheds, but it is preferable, others think, to let them have full liberty, and feed on barley, maize, and oatmeal, mixed with milk and boiled potatoes in mornings, and whole maize, wheat, and oats at nights. nights.

#### A Rooster's Wisdom

A duck which faithfully stuck to busi-ness during the summer and laid several dozens of large fawn colored eggs, comdozens of large fawn colored eggs, com-plained that she wasn't appreciated. "See that hen over there," said the dock, "she hasn't laid as many eggs as I have, nor as big, but she has a book written about her and verses com-posed in her honor, while nobody is say-ing a word about me." "The trouble with you is," said a wise rooster that was standing near, "that you don't tell the public what you have done. You lay an egg and waddle of without asy-ing a word, but that sister of mine never law one without. Letting everybold in ing a word, but that sister of mine never lays one without letting everybody in the neighborhood know it. If you want to cut any ice in this community, you must learn to advertise."



15 August, 1904

#### AND CANADIAN FARM AND HOME

## PURE-BRED STOCK

#### NOTES AND NEWS FROM THE BREEDERS

These columns are set apart exclusively for the use of breeders of pure-bred stock and poultry. Any information as to importations made, the sale and purchase of stock and the condition of here and flock that is not in the nature of an advertiment will be velcomed. Our detare is to make this the medium for conveying information as to the transfer of pure-bred animals and the condition of live stock throughout the converts. The co-operation of all breeders is earnestly solicited in making this department as useful and as interesting as possible. The editor reserves the right to eliminate any matter that he may consider better suited to our advertising columns.

#### Farming World Man on the Wing

The country lying to the west of St. Thomas comprises some of the best farming land of Ontario, and for im-proved farms and general fine appear-ance is second to none. It is the great bean growing belt in Ontario, and the pasance is second to none. It is the great beam growing beit in Ontario, and the pas-ture lands yielding a fine verdure should simplify the question of the grazer or the dairyman of this favored section. Quite a number of the farms have a field or two of alfalfa, and though the severh for the which, those all has recked some havoe with this prolific erop, yet it would take more than one failure to shake the faith of those who have grown this crop successfully for years. A great deal of attention has been given to the improved breeds of live stock in this section, and among its leading farmers are to be mentioned a number of Canada's breeders, together with a large number of others who, if not so well known at the present time, will be hetter known some day. Near the town of Delaware is the Belvoir Farm, the home of many a price-winning town of Delaware is the Belvoir Farm, the home of many a prize-winning Shropshire, and its genial and enter-prising owner, Mr. Richard Gibson. Around the settlement are to be found quite a number who were wise enough not to follow the general tendency of the past few years in dropping the sheep, Mr. D. Decow, of Middlemiss, has for/years been an extensive breeder of pure-bred Shropshires, as well as light horses. Mr. R. I Hine, of sneep. Arr. D. Decow, of Middlemiss, has for/years been an extensive breeder of pure-bred Shropshires, as well as light horses. Mr. R. J. Hine, of Dutton, is a well known breeder of Oxford Down sheep, who can show a flock of sheep, imported and home-bred, of quality evolut to the best and here of quality equal to the best, and has a fine farm with over 15 acres of or-chard. There are three imported rams at the head of his flock of Oxfords, carefully selected in England, and he has for three years imported the ewes that were winners at the Royal, and his exwere winners at the Royal, and his ex-hibits have vindicated their provess at the best shows in Canada, proving the hardest kind of a nut for all op-ponents, and have for two years had it pretty much their own way. Mr. J. McParlane, of Dutton, is also a breeder head of fine eves. He has at the present time to offer for sale a number of year-lings and ram lambs from imported ram. head of fine eves. He has at the present time to offer for sale a number of year-lings and ram lambs from imported ram. A number of his lambs were winners at the Guelph Pat Stock Show. He is also an enthussiatic breeder of Short-horns. His herd comprises 18 head of female its or hem. Le num, ord, a Bloa-som and Alexandria. The cows are fine animals, and breed to his imported bull, Royal Prince, have produced young stock such as should satisfy exacting breeders. In Berkshire swine he has also to show a fine stock of pure-breds, a number of them being from the pens of W. H. Durham, Malton, Ont. Mr. J. E. McCallum, Iona Station, has recently purchased to head his herd of fine females the fine imported bull calf, Spectator, a sapay growthy red fellow of good size and quality. He has been in the business of 12 years, and blds fair to keep a prominent place among Ontario's breeder.

and olds fair to keep a prominent place among Ontario's breeders. Mr. Alex. Galbraith, Dutton, Ont., is a breeder who is shrewd enough to be-gin the right way, commencing with

the best that can be got. He has pur-chased one imported heifer, and the rest of his stuff is bred closely to natives of the old land. He is a partner with Mr. McFarlane in the ownership of the im-ported bull Royal Prince. O'Noil Brog. of Southerste Ort

O'Neil Bros., of Southgate, Ont., are the only breeders of Hereford catare the only breeders of Hereford cat-tle in the neighborhood to which they belong, but their sixteen years of bus-iness has been nothing if not success-ful. Commencing with a good founda-tion for their herd in some of the best blood in the country, they have kept to the front ever since, and their herd today will compare favorably with any in the country. Quite a num-ber of the females are imported, both from the leading stables in England ber of the lemaies are imported, both from the leading stables in England and the United States, and their pre-sent herd bull, "Onward," by the fam-ous "March On; is a fine, heavy, deep bodied and thick-fleshed individual. Quite a choice selection of young stock are now offered for sale at the Sunnyside Farm.

#### \* \* \* \*

A. W. Smith, Maple Lodge, Ont., has long been equally well known as the leading champion of the dairy Shorthorn and a strong advocate of the Leicester sheep. That he excels the Leicester sheep. That he excels in both these lines requires only a visit to the farm for assurance. One visit to the farm for assurance. One does not meet there the raky, thin-fleshed, sort of dairy Shorthorns which a number have thought to be the only kind that can excel in milk-ing qualities, but beefers of the ap-proved Scotch type-cows that look like beeves all over and that can at like beeves all over and that can at the same time nurse a calf to look like one, too. The selection of a herd whose members are of perfect beef type and at the same time good milk-ers and from good milking ancestors, is a rather hard thing to accomplish, and such a herd is a very select one indeed. The improvement of any breed of live stock, and of them all, the Shorthorn cattle, is no trilling un-dertaking, but nothing less has been the serious and earnest purpose of Mr. Smith for years, and the combin-ation in the one individual, in a high degree of qualities that have been redegree of qualities that have been re-garded as opposed to each other, pre-sents obvious difficulties, and in its garded as opposed to each other, pre-sents obvious difficulties, and in its realization only can be found the true farmer's cow. Yet the unbelievit Maple Lodge, will not only be con-vinced but surprised at the success at-tained, and find in the one animal all that he desires of Shorthorn beef type, early maturity and feeding qual-ity combined with ability to produce 50 lbs.of milk a day. An example of this which came beneath the writer's personal observation will suffice as an illustration of this, When in the Chie met Mr. John Sampson, proprietor of the Branchfoyee Farm and a large herd of Shorthorns and grades kept for dairy purposes. At the head of the Maple Lodge Farm. He was of splendid beef conformation and Short-horn type, and his calves were very horn type, and his calves were very much of his own style. When the first crop of calves were 2 years old the service of another bull was



#### \$50.00 to California and Return

•Store to Cantorna and Keturn Via the Chicago, Union Pacific and North Western Line, from Chicago, Aug. 15th to Sept. 10th. Choice of routes going and returning. Corre-spondingly low rates from all points in Canada. Two trains a day from Chi-cago through without change. Daily and personally conducted tourist car excursions. Write for interary and full particulars regarding special train leaving Chicago Aug. 18th and 25th. B. H. BENNERT, 2 East King Street, Tor-onto, Ont. onto, Ont.

#### WINDMILLS



Brantford Steel Windmills are in a ass by themselves. There is only one est—that's ours. Write for Catalogue. ufacture We also ma

IDEAL GAS AND GASOLINE ENGINES GOOLD, SHAPLEY & MUIR CO., Limited, BRANTFORD. CANADA

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### THE FARMING WORLD

necessary, and Mr. Sampson sold the Maple Lodge bull. But after another year when his heifers came in as milkers, they were such an improveting the such as the second such as milkers, they were such an improveting the such as the second such as the old bull back again, and such that young stock thus bred will necessarty cost more than animals bred from stock less conservatively selected, but the bull is half the herd. At the present time there are to be seen at Maple Lodge a large number of reparts the second second second second the bull is half the herd. At the present time there are to be seen at Maple Lodge a large number of reparts the second second second second the bull is half the herd. At the present time there are to be seen at Maple Lodge a large number of reparts the second second second second the bull is half the herd. At the present time there are to be seen at Maple Lodge a large number of remarks where they are the get to the scotch-bred bulls Knuckle Duster and Sir Wilfrid, and for the Nuckle Duster, winner of the first of a number of champions, while lis strain very prolific in scitons of the aptrice is Scottish Archer. Among the speced Smithfield type. Sir Wilfrid, he other bull in service on the farm of weak farge very ago Mr. Smith speced Second Parts and Parket and so among these is the white specified sold to Mr. Sampton also among these is the white spectred Shorthorns at the Green spectred Shorthorns at the Gree

Is to be observed. Mr. Smith has handed his herd with Mr. Smith has hand he could get, the winner when a lamb of the border Leicester Club's show, for Mr. Hume, of Fortarshire. The winnings of his gets for Maple Lodge have been current history for the past three years here. Mr. Smith is a critic, to be satisfied with nothing short of perfection, on conly in muton and in type, but particularly in flexce, its count is claimed of superiority by Leicester breeders is to be found highly developed in his flock, attained by skiful breeding and attention that ensures thrift, vitality and robustness of constitution.

T. Douglas & Sons, Strahlroy, are the complacent owners of a herd of over 80 head of Shorthorns, headed by the fine young herd buil, Diamond, purchased at Mr. Flatt's sale last winter. There are a large number of really fine individuals in the herd, with good breeding as well. For them, their late herd buil, Double Gold, has proved a successful sire, and his young stock show a quality that their recent purchaser should intensity.



15 August, 1004

H. CARGILL & SON,

Importers and Breeders of SCOTCH SHORTHORNS

Present offering SEVEN GRANDLY BRED BULLS. Also a large number of grandly bred roung heifers, imported, imported in dam and home bred. Call on or write to

JOHN CLANCY, Mgr.

H. CARGILL & SON, Cargill P.O. and Sta. G.T.R. 15 August, 1904

#### CLOVER LEAF LODGE HERD **OF SHORTHORNS**

Choice young stock from grandly-bred Scotch topped cows. A number from choice milking strains. This herd headed by Scotland's Chal-lenge (imp.) Well-bred Lincoln sheep. Also Barred and White Rock Poultry and Bronze Turkeys. R. CORLEY, Belgrave P.O. and Sta. G.T.R. Wingham, Ont

SHORTHORN CATTLE and LINCOLN SHEEP For Sale at Maple Avenue Stock Farm

If you want either, write us today.

F. H. NEIL & SONS, Box 35, Lucan, Ont, aph Post Office R.R. Station Telegraph

**Clayfield Stock Farm** 

#### Clydesdale Horses

Shorthorn Cattle, Cotswold Sheep Prize-winning pure bred stock. Young animals of both sexes for sale. Write or call on

J. C. ROSS, Prop., Jarvis P. O. and Sta., Ont.

#### KILMARNOCK STOCK FARM

Characteristic and a second se

### GREEN-OAK STOCK FARM

Shorthorns, Oxfords, Berkshires Herd bull, imp. Royal Prince (16223). Young tock of both sexes for sale: Oxford Down wes; hows to farrow in October, and young JOHN McFRLANG, DOHN McFRLANG, and Stations M.C.R. and L.E. & D.R. and Stations M.C.R. and L.E. & D.R.

#### ANGUS

#### ABERDEEN-ANGUS



Are transfer her target the high-north America for 14 through good times and uill times. You wishes that the target the target of the target the deep Angras Hell, Prince of Burton. Come and the target the target of the target of the target deep Angras Hell, Prince of Burton.

JAMES BOWMAN, EIM Park, CUELPH

DAVID McCRAE, Janefield, Guelph, Canada Importer and Breeder of Galloway Cattle, Clydesdale Horses and Cotawold Sheep. Choice animals for sale

### **RED POLLS**

FRONTIER FARM, Lewiston, N.Y. BREEDERS OF REGISTERE

#### Polled Jersey Cattle, Red Polled Cattle ... Cheviot Sheep....

Now for sale, one **Polled Jersey Bull**, 2778, old ted **Polled Bulls**, one 3778., one 14 mos, and on mos. old, also few formales. Cheviot Sheep to us ange for registered Jersey Cows and Heifers. A. MOHH, Lewiston, N.Y.

#### **JERSEYS**

Dentonia Park Farm. COLEMAN, P.O., - ONT.

FOR SALE-During the next six weeks-young stock of both sexes

JERSEYS, GUERNSEYS

#### and AYRSHIRES #

rur prises won at Toronte and Ottawa this argive only a fair idea of the quality of the ck. Our prices are consistent with such lity. Cerrespondence solicited. Phote-

#### AND CANADIAN FARM AND HOME

#### Cattle Sales at St. Louis

Auction sales of purchad will be held at the St. Louis Fair in September, as follows: Aberdeen-An-gus, Sept. 14th; Galloways, Sept. 16th; Herefords, Sept. 21st; Holstein-Frie-sians, Sept. 23rd; Jerseys, Sept. 20th; Red Polled, Sept 15th, Shorthorns, Sent. 23rd. Sept. 23rd. .12

#### Gossip

Mr. G. W. Clemons, Secretary Can-lian Holstein-Friesian Association, adian writes:

"In a recent test of the class in dairy farming at the Massachusetts Agricultural College, a question was asked to bring out the preference of each member in the matter of a dairy breed. The following interesting re-sult was obtained: sult was obtained :

suit was obtained: Per cent. of class preferring various-breeds, 8; per cent. of class preferring Jerseys, 32; per cent. of class prefer-ring fuermseys, 35; per cent. of class prefer-ind lottein-Friesians, 42. I find that this is one of the straws indicating the direction of the wind. Beyond a doubt, Holstein-Friesian claws England. Under most condi-tions the Holstein-Friesian is the most profitable milk producer, and the profit is the real consideration. Breders should be careful for this

Breeders should be careful for this reason to produce bull stock that will reflect credit upon this magnificent breed. Perhaps the former policy of preed. Ferhaps the former policy of the association to encourage the de-struction of inferior males would be of advantage to all parties interested. At all events, the interests of the breeders of registered stock in secur-ing superior herd headers is com-mendable.

I have observed that frequently the I have observed that frequently the true type animal is more satisfactory for the production of breeding stock than any one with the big record but unsymmetrical. My criticism of pre-valing practices is that breeders are apt to overlook type in the antece-dents of their herd bulls in their en-deavors for big records.--(F, S. Cool-ey, Protesor of Animal Husbardy and Dairying, Maschusetts Agricul-tural College.)" 38

#### The Shorthorn Boom in the Argentine

The Shorthorn Boom in the Argentine Argentine Argentine Shorthorns belong-ing to Senor Tomas Bell, Rincon, Ar-ventina, last month, splendid prices ywere realized. The Newton-bred bull, Newton Stone, got by the champion bull Corner Stone out of the Star of Morting cow Roan Nelly, was se-cured by Senor Lope at 30,000 d01s. (Argentine monsy)-43,718. The four-year-old bull, Baron Gainford, bred by Mr. Geo, Harrison, sired by Mive-der Star, Star and Gordon, and sired by King Archer, realized d53. The Newton-bred six-year-old bull Bright Star, sired by Star of Morring, and out of the Prince of Fashion cow Bes-size, fetched 650. The twenty young bulls, sired by Newton Stone, realized an average of 2600, and the forty calves by the same sire averaged fits. Sixteen cows averaged atod, and the fiver-eight the 153 head of cattle sold reaching the be splendid figure of fits. That was a fairly satisfactory sale, even for the Argentine --North British Agriculturist.

"Now, my little boys and girls," said a teacher, "I want you to be very still -so still that you can hear a pin drop." For a minute all was still, and a little boy shouted out: "Let her drop."



## AYRSHIRES

#### FOR SALE

7 Ayrshire Bulls from 1 to 16 months old. Good individuals from high class stock. Prices right. C. S. AYLWIN,

Freeman P.O., Ont.

### Avrshires and Yorkshires.

CALVES carefully bred for Milk and Show Ring. Other ages. A November Boar. Several April Pigs. All prices reasonable. Write, or come and se

ALEX. HUME & Co., Menie P.O.

#### FOR SALE

Ayrshires, all ages. Eggs for hatching, fro eghorns, Hamburgs, Dorkings. Chicker bucks and Turkeys. Also five pure Collie pup For further particulars write to W. STEWART & SON, Menie, Ont.

" NETHER LEA" AYRSHIRES

Offering this month 4 bulls, 15 mos.; 3 choice bull calves, 5 mos.; bull and heifer calves just dropped. Napoleen of Auchenbrain (imp) At head of herd, whose dam has a record of 72 lbs. per day. Prices low. T. D, McCALLUM. Danville, Que.

## MAPLE CLIFF DAIRY AND STOCK FARM

Breeders of Clydesdales, Ayrshires, Tamworths and Berkshires.

For Sala-One Cipdeadle Stallion, 3 years old one Tamworth Sow, in pig to imported bear: two sows and two boars, Tmouths old, imp. in dam; two Berkshire Boars fit for ser-yice. Address, R. REID & CO., Sta. and P.O. near Ottawa. Hintonburg, Ont.

.. Woodroffe Dairy Stock Farm .. Six grand young bulls still on hand will be sold oheap, if taken before winter.

SEND FOR CATALOGUE OF STOCK. September Yorkshires ready for ship

J. G. GLARK. Proprietor, OTTAWA, ONT.



ONTARIO VETERINARY COLLEGE, Ltd. Most successful Vet. Institution in America. Prof. A. Smith, F.R.C.V.S., Principal, Temperance St., Toronto, Can

Live Stock Auctioneers. T. E. ROBSON, Live Stock Auctioneer,

ILDERTON, ONT.

GEO. JACKSON, Auctioneer, PORT PERRY, ONT. Live Stock a Specialty.





Sauble River Stock Farm Offers for sale a number of pure-bred Shrop-

G. HINDMARSH, Ailsa Craig P.O. and Sta., Middlesex Co., Ont

BRANT STOCK FARM OXFORD DOWNS

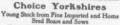
Yearling rams, and ram lambs, ewes and ewe lambs from imported and prize-winning stock. Choice lot for sale. Come and see them. J. H. JULL & SON,

Breeders and Importers Burford, Ont., P.O. Telephone and Telegraph

LINDEN FARM OXFORDS Choice lot of 2-shear Yearlings and Lambs imported and home-bred Rams fit to head any pure bred flock. Also a few good Shorthorns. R. J. HINE, Dutton P.O., Elgin Co., Ont.

HILLHURST FARM.

Hampshire Down Sheep, the coming breed, direct importations. Scotch topped Shortherns from importad sires and dams of deep milking strains. JAS. A. COCHRANE, Hillhurst Station, Campton Co., P. Q.



Drea Dears also cows Young Boars fit for aervice and Sows ready to breed or aiready bred. Boars and sows no', akin. Prices right. Write or call on J. A. RUSSELL Precious Corners P.O. Cobourg Stn., G.T.R.

#### Champion Berkshire Herd OF CANADA

For several years back the York Lodge herd f Borkshires has won the championship at oronto Exhibition, besides a number of other rizes. All hogs show great growth and ize. Young pigs from the best prize sows and oars for sale at reasonable prices. W. H. DURHAM PROPRIETOR, MALTON P. O., ONT-

Yorkshire Swine Clydes fale Horses

toriganite ownine Ciydes take fromes Shorthorn Cattle Alarge number of fine Yorkahres to choose from. A few good registered Ciydeskake marses. Shorthorn Buila and Lufers free graindty uses and dama. Good prices to quick buyers. A. E. HOBELH, OBELHOR STM. AMB P.G., ONT.

## Ottawa Winter Fair

THE FARMING WORLD

The directors of the Eastern Ontario Live Stock and Poultry Show met in Ottawa recently and decided to hold the next show at Ottawa, March 6-10, 1906. There will be exhibits of horses, cattle, here or mine and couldry. The next sheep, swine and poultry. The new buildings will be in readiness for the show. It has been built with a view to meet the needs of both exhibitors and visitors.

#### Animal and Plant Breeding

The Association of Agricultural Col-leges and Experiment Stations is to have a school of demonstrations in feeding and in animal and plant breeding, in the and in animit and plant breeding, if the College Pavilion in the Live Stock Con-gress Hall at the World's Fair, further illustrating the fact that the science and pedagogies of breeding are coming for-ward. The organization of the Ameri-can Breeders' Association is both timely and invectors. and important.

#### - 66

High-Class Stock for the O.A.C.

Messrs. Alfred Mansell & Co. have just despatched for the Guelph College, just despatched for the Guelph College, Ontario, Canada, some typical specimens of eattle and speep for the education of the College students, including two beau-tiful Hereford heriters from Mr. John Tudge's world renowned Hereford herd', and three first-class Aberdeen-Angus cattle, consisting of a bull at a cow and calf from the celebrated herd at Pictstonill belonging to Mr. W. 5 Fer-gason, who also supplied five higo-class prepresented by an extra good heriter from Mr. Deane Willis' herd, and Mr. Minton of Montford had the honor of supplying the requirements in Shrophire sheep.— North British Agriculturat. North British Agriculturist. .....

#### Shropshire Sheep for Canada

Shropshire Sheep for Canada The Hon, John Drytee, MP, Minister of Agriculture for Omtario, has recently visited several Shropshire flocks, and, with the assistance of Mr. Alfred Man-sell, made a selection of forty-nine Shropshire sheep from the following well-known flocks, viz: Mesrs. E. Nock, J. Harding, M. Williams, T. S. Minton, Sir Walter Corbet and T. A. Buttar. The shipment (a very choice one) com-sges, and a nice lot of young eves to add to the Minister's old-established flock. Mesrs. Alfred Mansell & Co. also despatched on Saturday a valuable collection of sheep to Quebec on behalf collection of sheep to Quebec on behalf of Mr. J. L. Telfer. They comprised Shropshires, Southdowns, Oxfords and Cotswolds, and were purchased from the following gentlemen: Messrs, Adeane, H. Penfold, E. Henty, D. D.





J. E. BRETHOUR, . . BURFORD, ONT. tario Live Co., Ltd.

UNIONVILLE Sta. and P.O., ONT.

Offer for sale 30 young Berkshire Pigs from imported stock, and 30 young Yorkshire Pigs, also from imported stock.

Price \$5.00 Each, F.O.B. Unionville.

H. POWERS, Mgr.

Crawford, A. Tanner, E. Nock, C. Blatherwick, W. A. Treweeke and T. Goodworth.-North British Agriculturist

#### Clydesdales for Canada

uyuesdates for Canada Mr. Thomas Graham, of Graham Bros., Claremont, Ont., sailed via the Donaldson S.S. Parthenia on July 30th from Glasgow with ten head of Clydes-dale horses. This shipment is reported to be the best lot that has ever left Scotland. Fuller particulars will appear next issue. next issue.

In the Advanced Registry Faforit 6th, 2789, at 5y. 9m. 3od. of age; 13.538 lbs. butter fat; milk, 457 bbs. Owned by R. F. Hicks, Newton

Ibs. Owned by R. Brook, Ont. Brook, Ont. Faforit 7th, 2790, at 4y. 10m. 25d. of age; 17.a62 ibs. butter fat; milk, 513.5 lbs. Owned by R. F. Hicks, Newton

Bessie's Annie Rooney, 3563, at 2y. 22d. of age; 8.208 lbs. butter fat; milk, 239.25 lbs. Owned by R. F. Hicks, Newton Brook, Ont.

Aaggie of Riverside, 2477, at 39. 11m. 8d. of age; 13.098 lbs. butter fat; milk, 4405, lbs. Owned by Matt. Richardson, Caledonia, Ont.

8d. of age; 13.098 Ibs. butter fai; milk, 440.5 Ibs. Owned by Matt. Richardson, Caledonia, Ont.
Hufda Wayne of Riverside, 2608, at 37.5 m. 27d. of age; 14.343 Ibs. butter fai; milk, 43.75 Ibs. Owned by Matt. Richardson, Caledonia, Ont.
Axie DeKol of Riverside, 3400, at 37.5 m. 37d. State fair, milk, 30.128 Ibs. Owned by Matt. Richardson, Caledonia, Ont.
Daisy Mechniled's DeKol, 3464, at 17. Ims.
Maid Age; 20.3 Ibs. Sutter fair, milk, 30.6 Jbs. Ibs. Conter fair, milk, 372.87 Ibs. Owned by Matt. Richardson, Caledonia, Ont.
Princess Calamity Clay, 3557, at 29. ims.
Mik, 312.68 Ibs. Ownere, Ont.
Princess Calamity Clay, 3557, at 29. ims.
Mike, 320.68 Ibs. Ownere by Matt. Richardson, Caledonia, Ont.
Princess Calamity Clay, 3557, at 39. ims.
Montreal, Que. Obs. Ownere by Matt.
Belle DeKol and, 3188, at 37. ims.
Montreal, Que. Gyzo Ibs. Ownere fair, milk, 395.78 Ibs. Owned by H. Bollert, Casele, Ont.
Lady Princess DeKol, 3537, at 29. Ibs.

sel, Ont. Lady Princess DeKol, 3521, at 29, 19d. of age; 8.492 lbs. butter fat; milk, 300.812 lbs. Owned by H. Bollert, Cas-

joo.812 lbs. Owned by is: eel, Ont. Panarista Pauline, 2214, at 69. zm. 27d. of age; 1305 lbs. butter fat; milk, 439.037 lbs. Owned by James A. Cas-key, Madoc, Ont. Inka Darkness 3rd's Jessie, 2219, at 77, 23d. of age; 13,830 lbs. butter fat; milk, 535 lbs. Owned by James A. Cas-key, Madoc, Ont. Queen Hengerveld DeKol, 3318, at 59. 44. of age; 13,335 lbs. butter fat; milk, Breslau, Ont. Tereslau, Ont. Tames 1400.

4d. of age: 13.353 lbs. butter fat; milk, 634 lbs. Owned by A. C. Hallman, Breslau, Ont. Mavourney Wilhemina Tensen, 1192, at 99, 7d. of age; 14.455 lbs. butter fat; milk, 437.652 lbs. Owned by A. Ken-nedy, Ayr, Ont. Mavourney's Pietertje Netherland,

Mavourney's Pietertje Netherland, 1595, at 7y. 11m. 14d. of age; 14 100 lba. butter fat; milk, szó.187 lba. Owned by A. Kennedy, Ayr, Ont. Rosa May, 2235, at 8y. 10m. 24d. of age; 13, 325 lba. butter fat; milk, 264,5 lba. Owned by B. Mallory, Frankford, Out

lbs. Ont

Ont. Countess Elaine's DeKol, a571, at 49. fom. a5d. of age; 12.148 lbs. butter fat; milk, 45.228 jbs. Owned by B. Mallory, Franktord, Ont. Disone and's Lulu, 2982, at 39. qm. ad. of age; 10380 lbs. butter fat; milk, 305 jbs. Owned by B. Mallory, Frank-ford, Ont. May Febo 3272 at an an add of May Febo 3272 at an an add

May Echo, 3372, at 2y. 3m. 28d. of age; 11.333 lbs. butter fat; milk, 38a.75 lbs. Owned by B. Mallory, Frankford, Ont.

Order at Once.

### Market Review and Forecast

#### The Trend of Markets -Supply and Demand-The Outlook

#### Toronto, Aug. 12th, 1904.

General trade is on the quiet side. Some wholesale houses report fall or-ders below what they were last year at this time, while others report them ahead. Country business is reported fair and the outlook good. The mory sination continues about the same. disloans are steady at 5 per cent. and dis-counts on commercial paper at 6 to 7 per cent.

#### WHEAT

Wheat in Ontario has reached the 1.00 mark again. How long it will Wheat in Ontario has reached the \$1.00 mark again. How long it will remain at this point is hard to say. Some are of the opnion that it will remain near this figure for some time, while others think it may go higher. It will depend largely upon the yield of the present crop. There has been no response depend largely upon the 'yield of the present crop. There has been no response to the advance on this side from the ex-port trade, but this may come, should the smaller yields which present crop reports for the United States be realized. The monthly report from Washington for August 1st shows that the average condition of spring wheat on Aug. Ist was 87.3, as compared with 93.7 last month, 77.1 orgust largest 1, 10.0 is reported in some sections. Prelimin-ary returns indicate a winter wheat crop for the United States of 81.2. Rust is reported in some sections. Prelimin-ary returns indicate a winter wheat crop for the United States of 333,400,000 bushels, or an average of 12.3 bushels per acre, as compared with 12.3 bushels per acre, as compared with 12.3 bushels per acre, for 1909, as finally estimated. From the Candian west crop reports are favorable, and if good weather is maintained there will be the biggest yield on record for that country. But everything depends upon how things pan out from now till the grain is harvested. Local dealers there quote red and white at 96.c. to \$1.00; at, outside profile are quoted at \$1.01 per bushel. are quoted at \$1.01 per bushel.

#### COARSE GRAINS

Both the United States and Canada are likely to have a big oat crop this year. The U.S. report shows the condiyear. The U.S. renort shows the condi-tion of the crop on August 1st to be 86.6, as compared with 79.6 a year ago. Both here and at Montreal the market for dats is, firm owing to a strong local demand. Car lots have sold at Montreal at 39 to 40c. Here prices rule at 34% to 35c, as to quality. There has been some demand for barley for export, but generally speaking the mar-ket is dull; as is also that for peas. The U.S. corn crop seems to be pulling up well. The market is a little firmer, with prices steady at quotations. year. with prices steady at quotations.

#### BRAN AND SHORTS

An extra demand for mill feeds has set in and prices advanced \$1.00 per ton at Montreal a week ago. Prices rule steady here at quotations.

#### HAY AND STRAW

Generally speaking a good hay crop has been harvested in Canada in fair condition. In Quebec it is reported that the percentage of No. 1 quality will be greater than in 1903. England has be greater than in 1905. England has a hay crop well saved, but not heavy, and will likely require considerable Canadian. What the United States will want is hard to say. The present de-mand, for baled hay is fairly good at quotations

#### POTATOES AND BEANS

An easier feeling in potatoes is re-ported owing to increased receipts, and the prospects of a good yield. At Mont-real new potatoes are quoted at \$1.75 per bbl. of 180 lbs, or 90c. per bag of 80 lbs. Here prices rule at 80c. to 90c. per bushed wholesale.

The bean market is easy. Montreal quotations are \$1.20 to \$1.25 per bushel in a jobbing way, and \$1.15 in car lots.

#### EGGS AND POULTRY

Leads And POULIXY The undertone of the egg market is not as strong as it was a week ago, ow-ing to supplies coming near to meet-ing the demand. There is very little doing for export as English dealers are not willing to meet the advance on this not wining to meet the advance on this side. Selected eggs are quoted in Montreal at  $18\frac{1}{2}$  to 19c, wholesale. Here quotations are 16 to  $16\frac{1}{2}$ c, for new laid and 12 to 13c, for seconds,

The movement of poultry is still light on this market, spring chickens are quoted at 15c. and old hens at 9 to 10c. per lb. in a jobbing way.

#### FRUIT

The raspberry supply keeps up well and the demand continues good. Other lines of small fruits are offering fairly lines of small fruits are offering fairly well. Many of the apples coming for-ward are very poor. Some shippers seem to think any old quality will do. But if price drops below the cost of packing and shipping they will think differently. Apples are quoted at 20 to 30c. a basket, huckleberries \$1.00 to \$1.15, black currants \$1.00 to \$1.15, and peaches as 5 to 30c.

#### DAIRY PRODUCTS

DARY PRODUCTS Exports of cheese so far this season have fallen off considerably as compared with a year ago. But there was a large surplus stock from 1903 which has been the chief factor in depressing prices. Then the bad times in England and intrenchment all along the line has help-ed to lessen consumption and keep intrenchment all along the line has help-ed to lessen consumption and keep prices down to a low level. There are signs this week of a reaction, though how far it will reach is hard to say. There seems to be even yet too many large stocks on hand to permit of any marked advance. At the local markets this week all offers have been above sc., the ruling figure being 8½c, with some lots going higher. The butter market shows considerable improvement. There has been more export buying of the best grades of creamery which is a healthy sign, though

prices do not show any marked ad-vance as yet. Montreal quotations are 18% to 19c. for finest, and 1734 to 18c. for ordinary fines. Exports so far show a large increase **over last year** for the same period. Creamery is steady here at 1735 to 185%c., while dairy owing to the increased supply is easy at 18 to 13c. for the best tubbs.

#### WOOL

WOOL The wool market continues firm. At Montreal Canadian wool is reported scarce and firm at 128, cor unwashed, 20c, for washed and 25c. for pulled. A few small lois have been exported to England. The demand keeps up well here and the market is very firm at 19 to 20c, for washed, 14 to 15c, for re-jected and 11½ to 128, for re-gor, for washed. 22c. for washed.

#### LIVE STOCK

Trade in live stock is fairly active, though values, especially for choice ex-port cattle, are not as high as they were a fortnight ago. This week's run at the port cattle, are not as high as they were a fortnight ago. This week's run at the city market has been large, a great many rough dell readily courds. If the were word sell readily courds if they were the sell as the self sell. The defining. The demand is active. Extra choice sell at \$4.00 to \$5.35; medium to good at \$4.170 to \$4.400, and cows at \$4.00 to \$4.50 per cwt. Too many rough butchers' cattle are offering and for those trade is slow. The best butchers' sell at \$4.80 to \$4.65; fail to good to choice at \$4.50 to \$4.65; fail to good to choice at \$4.50 to \$4.65; fail to good to choice at \$4.50 to \$4.65; fail to good to choice at \$4.50 to \$4.50; fail to good to choice feeders and trade is brink. Short-keep feeders in good condition sell at \$3.50 to \$4.00; oth \$3.75 per cwt. Milch cows are of rather slow demand jus and at \$30 to \$0 to \$3.75 and common \$3.00 to \$3.75 and common \$3.00 to \$3.75 and common \$3.00 to \$3.75 per cwt. Milch cows are of rather slow demand jus are slow to \$3.50 to \$3.75 and common \$3.00 to \$3.75 per cwt. Milch cows are of rather slow demand jus are slow to \$3.50 to \$3.75 and common \$3.00 to \$3.75 per cwt. Milch cows are of rather slow demand jus are slow to \$4.00 to \$4.50 to are slow the run of demand \$4.50 to are slow to be cach and \$3.50 to are slow to be the run of demand \$4.50 to are slow to be the run of demand \$4.50 to are slow to be the run of demand \$4.50 to are slow to \$4.50 to ach and \$4.50 to are slow to be the run of demand \$4.50 to are slow to be the run of demand \$4.50 to are slow to be the run of demand \$4.50 to are slow to be the run of demand \$4.50 to are slow to be the run of demand \$4.50 to are slow to be the run of demand \$4.50 to are slow to be the run of demand \$4.50 to are slow to be the run of demand \$4.50 to are slow to be the run of demand \$4.50 to are slow to be the run of demand \$4.50 to are slow to be the run of demand \$4.50 to are slow to be the ru \$5.25 per cwt.

Though the run of sheep has been large, trade is fair. Export sheep sell at \$2.75 to \$3.85 per cwt., and culls at \$2 to \$3. Lambs are firm at \$2.50 to \$3.75 each, and \$4 to \$4.60 per cwt.

Hogs have advanced in price and quotations this week are \$5.60 per cwt. for selects and \$5.35 for lights and fats.

#### The Canadian Produce Markets at a Glance

The highest quotations of prevailing prices for standard grades of farm produce in the leading markets on the dates named. Poorer stuff lower.

	Terente	Montreal	St. John	Halifax	Winnipeg
Date	12	11	8	8	8
Wheat, per bushel	\$ 1 00	\$ 0 98	\$	\$	\$ 9834
Oats, per bushel	351/2		45	45	36
Barley, per bushel	42	491/2	52	53	43
Peas, per bushel		71	75	75	
Corn, per bushel	50	60	55	57	
Flour, per barrel		4 70	4 20	4 60	4 15
Bran, per ton		16 50	21 50	22 00	16 00
Shorts, per ton		18 00	22 00	23 00	17 00
Potatoes, per bag	90	90	60	60	70
Beans, per bushel	1 20	1 15	1 90	2 00	
Hay, per ton	0 00	10 00	12 50	13 00	10 00
Straw, per ton	5 75	6 00	8 00	8 00	
Eggs, per dozen	16%	19	15	15	18
Chickens, per pound, d.w	15	16	per (75	80	per § 18
Ducks, per pound, d.w	14	16	pair 60	70	16. 1 17
Turkeys, per pound, d.w		16	16	161/2	18
Geese, per pound, d.w	10	11	14	14	
Apples, per barrel	5 00	4 70	4 00	4 00	5 75
Cheese, per pound	9	834	9	9	81/2
Butter, creamery, per pound		19%	19	20	161/2
Butter, dairy, per pound	13	141/2	15	16	12
Cattle, per cwt		5 00	5 25	5 00	3 75
Sheep, per cwt		3 50	5 25	5 30	4 50
Hogs, per cwt	5 60	\$ 50	5 50	5 50	4 75
Veal Calves, per cwt	5 00	3 50	4 50	4 50	
				1	1 m m

#### TORONTO JUNCTION

The receipts of stock at the new Union Stock Yards, Toronto Junction, con-tinue to grow. On Monday last the total receipts were 86 carloads, made up mostly of cattle. The quality of cattle offered was fair and prices steady. The bulk of the export cattle sold at \$4.73 The but of the export cattle solu at 35.5to 5.00 per cwt, although some sold as high as 52.5. Bulls went for 52.50to \$4.00 per cwt. Butchers' cattle sold as high as \$4.50 and down to \$3.25 per 38

## Carnefac Stock Food Competition at Winnipeg

The general interest which was taken The general interest which was taken all over the country in the Carnefac Stock Food Competition for pure-bred or grade calves, born on or after January 1st, 1904, cul-minated in a most exciting con-test. The entries were of such a steroug objecter in every way that not strong character in every way that not only the winners, but all those who took only the winners, but all those who took part deserve the utmost credit. Wm. R. Stewart, Lucasville, Ont, won the first prize of \$100, with a magnificent animal, born on January 10th, and weighing 770 lbs. James Herriot & Sons, of Souris, Man, were second with an entry born January 7th, and tipping the beam at 730 lbs. They received \$50. The third prize of \$25 fell to \$37 Wm. Van Horne, East Sclkirk, whose calf weighed 652 lbs., and was born January 10th. G. & W. Bennie, Roblin, Man, and J. G. Barron, Carberry, Man, were awarded fourth and fifth places, their a nimals weighing \$97- and \$55 their animals weighing 597 and 585 Ibs. respectively, being born January 3rd and January 13th. This contest proved conclusively the marvelous feeding and health-sustaining qualities of Carnefac Stock Food, which is sold from coast to coast, and is backed by the largest company of its kind in Canada. Such well-known breeders of thorough-bred stock as Sir Wm. Van Horne, East Selkirk; Senator Edwards, Rock-land, Ont; Wm. R. Stewart, Lucasville, and J. G. Barron, Carberry, Man, as well as many others, are constant users of Carnefac, and find it unexcelled. Stock-raisers cannot do better than to give this strongly-recommended prepara tion a first place in the feeding of their animals. It has a general excellence that is borne out by the experiences of breeders all over the Dominon, and may be depended upon in every respect. ....

#### Fruit-a-tives

Fruit-a-twee For years it has been known that some fruits possess unusual medicinal qualities. Fresh apple juice has a mark-ed effect on the kidneys and excites a greater excretion of urine. Oranges are provisily the most appetizing of all the stomach. Figs and prunes have been termed "nature's laxatives," because of their power to strengthen and invigorate their power to strengthen and invigorate the intestines and make the bowels move

casily and naturally. "Fruit-a-tives" is th is the concentrated ex "Fruit-a-tives" is the concentrated ex-tract of fresh, ripe fruits, compressed into tablets for convenience. As a safe and speedy cure for Disorders of the Stomach, Constipation, Biliousness, Liver and Kidney Troubles, "Fruit-a-tives" are unequalled. All the drug stores now have them on sale at 50c. a

### The Use of Bands

The Use of Bands Does it ever occur to the advocates of spraying for the protection of fruit trees that there is a limit to the amount of preventiveness accomplished by this means—that trees cannot be property sprayed, even by experts, only at certain periods of the year; that a large pro-portion of the insects, both flying and climbing, wing and wingless, are con-tinually coming to the ground for mois-

ture, etc.; that if an effective band were placed around the trunk of trees, that same would prevent the pest, once down, from again climbing the tree, that such a band properly applied would not only stop them but would form such a means of protection for them that their cocoons would be laid underneath the band, where they can be readily found and easily destroyed, thus making it a com-paratively simple operation to destroy thousands of the eggs of all kinds of insects.—F. V. Parsons, in *Canadian Horticulturit*. Horticulturist.

### BOOKS AND BULLETINS

THE BROWN TAIL MOTH.— Bulletin 107. Agricultural Experi-ment Station, Durham, N.H. THE SAN JOSE SCALE.—Bulle-tin 109. New Hampshire Experiment

Station

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Bulletin 110. New Hampshire Ex-periment Station. POTATOES AND POTATO CUI. TURE – Bulletin 111. N. H. Experment Station. LED AND SOIL TREATMENT.

EED AND SOLL TREATABLESS. -Bulletin to Experiment Station, Wooster, Ohio. HARDY CATALPA AS A FARM CROP-Bulletin 149. Ohio Experi-ment Statioa. . THE CODLING MOTH.-Bulle-tin 87. Experiment Station, Logan, Urab.

Utah

POULTRY MANAGEMENT. Bulletin 100. Experiment Station. Orono, Maine. BINDING CORN.—Bulletin 15. Experiment Station, St. Anthony

Park, Minn. SWINE FEEDING.—Bulletin 80. Experiment Station, Corvallis, Oregon.

gon, STRAWBERRIES AND VEGE-TABLES.—Bulletin 77. Oregon Ex-periment Station. CANNING CHEESE.—Bulletin 78.

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-Bulletin 75. Ames, Iowa, THE MOISTURE CONTENT OF BUTTER AND METHODS OF CONTROLLING IT.-Bulletin 76. Experiment Station, Ames, Iowa, DEHORNING, MILKING RE-CORDS, SKIM-MILK FOR CORDS, SKIM-MILK FOR CORDS, Bulletin 28. Experiment

CALVES.-Bulletin 28. Experiment Station, Storrs, Conn. SAN JOSE SCALE, MELTON BLIGHT.-Bulletin 30. Experiment Station, Storrs, Conn. RECORDS OF DAIRY HERD FOR FIVE YEARS.-Bulletin 29. Experiment Station, Storrs, Conn. CORN TESTS IN 1902 AND 1903. -Volume XVI, article IV. Experi-ment Station, Lincoln, Nebraska. RIGHT WAY TO IRRIGATE.-Bulletin 86. Agricultural College, Logan, Utah.

Bulletin 86. Logan, Utah. THE GR/

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PEAR BLIGHT.—Bulletin 8s. Ag-ricultural College, Logan, Utah. FORAGE AND SOILING EX-PERIMENTS.—Bulletin No. 65. Ex-periment Station, State College, Cen-tre County, Penn. ONTARIO AGRICULTURAL AND EXPERIMENTAL UNION...

Report for 1903. Department of Ag-riculture, Toronto. New Zealand Department of Agri-culture, Report for 1903.

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DEPARTMENT OF AGRICUL-TURE FOR BRITISH COLL MBIA -Report for 1902. J. R. Anderson,

TÜRE FOR BRITISH COLA'MBIA —Report for 1902, J. R. Anderson, Deputy Minister of Agricultur:, AMERICAN BREEDERS' ASSO-CIATION. Minutes of first annaid meeting. Prof. W. M. Hays, Secre-tary, St. Anthony Park, Minn. PLANT DISEASES IN VLR-MONT.-Bulletin 106. Experiment Station, Burlington, Vt. Report of Vermont Agricultural Experiment Station for 1903-07. REPORT Agricultural Experiment Station for 1903.

KEPOKI Agricultural Experiment Station for 1993. INCREASING THE YIELD OF CORN.-Bulletin Vol. XVII, No. 2. Experiment Station, Knoxville, Tenn. CROPS FOR THE SILO.-Bulle-tin Vol. XVII, No. 1. Tennessee Ex-periment Station.

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ing Calendar. Bulletin 96. Hatch Experiment Station, Amherst, Mass. ANNUAL REPORT.—Board of Agriculture, Columbia, Missouri.

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Always mention The Farming World when answering advertisements. It will usually be an advantage to do so.

15 August, 1904 .

#### DOMINION FAIR

#### (Continued from page 585.)

commute trom page 395.7 was shown in the agricultural hall, and some fine lots of last year's grains. In fact the wheat exhibition, the display of Dr. Thompson, of St. James, being specially fine.

James, being specially nic. In this department were exhibits from New Ontario and British Columbia. The latter was chiefly a fruit display, in charge of R. M. Palmer. It was tastly arranged and the various kinds of fruits shown indicate that the Pacific fruits are recommended and the statement of fruits shown incicate that the Pacific province is par excellence a great fruit country. The Oniario grower will have to look to his laurels or his brethren beyond the Rockies will replace him in the markets of the west. Just here we might ask, why was not the Ontario fruit grower represented at the Domi-ion Fair? It would no doubt be difficult to get up a creditable exhibit so early in the season, but something main that we is Ordersion with the fruit business. in Ontario are in the fruit business.

#### POULTRY.

FOULTRY. The west puts up a good poultry show and it was not made up of the fancy kinds either. A good representative ex-hibit of the utility breeds was shown that might do credit to our larger castern shows. A.G. Gilbert, Platin Manager, Centraleries of practical talks Otawa, gas relations on poultry culture.

#### MANUFACTURES.

MANUACTORS. The Ontario manufacturers, c' bet-ter, those from eastern Canada, did thengelves proud. "Made in Canada," was much in evidence, and the display of Canadian wares should result in a largely increased trade for home manu-table for a counting west facturers in the fast growing west.

#### .38 The Value of Alfalfa Pasture

The Kansas Experiment Station has been conducting an experiment during the last year for the purpose of de-terminine the value of an acre of land as pasture for swine that are fed a grain-ration consisting of half shorth. Kaffir meal. Thirty shoaph, were divided as notify fen each. All the lots were fed the same grain ration but one lot receiv-ed rape pasture, one lot alfalfa pasture, and the third was fed in a dry lot. The grains eaten were very nearly equal. Where no pasture, however, was used, it required 371 pounds of grain to make 100 pounds of gain; with rape pasture, 300 pounds; and with alfalfa pasture, 300 pounds. The Kansas Experiment Station has

rape pasture, 301 pounds; alfalfa pasture, 300 pounds.

alfalfa pasture, 300 pounds. The attaine, based on this experi-ment, credits the grain with 877 pounds of pork and the rape with 109 pounds. At six cents per pound, the price at which hogs were selling at the close of an acre of rape \$11.00. In a similar manner the alfalfa is cred 914.00, and as pounds of proje a half acre of alfalfa, used, the value of the alfalfa was \$34.10 per acre. per acre.

per acre. The cost of preparing the seed bed and seeding the rape was \$1.80 per acre. The station says: "The experiment emphasizes the su-perior value of alfalfa pasture. Where alfalfa is not available, or where variety is wanted or it is desired to utilize otherwise waste land, Dwarf Essex rape, seeded at the rate of six to eight pounds per acre any time from early spring to late summer, will furnish an excellent diet that is greatly relished by the hog. Succulence and variety will make healther hogs that will return increased profits." profits.



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