FARMINGANDLIVESTOCK

The use of gang plows, their operation by boys, and the scarcity of labor are the leading factors that have con-While there are individuals who pride themselves upon their prowable fact that few of our Ontario young men can or do pride themselves upon

And it is to be deplored that this is ter following in the wake of the New York financial panic. the need for persistent thoroness in the one is impressed with the once this fall, with the amount left of farm life. It gives appetite and is not dirty work. poor manner of handling the sod and stubble work.

forth abundant weeds. Thistles and couch grass ask for no more favorable fall attention. The nitrogen of the soil is wasted and the general fertility well-tilled field that gets its second plowing, each one of which is well

better how to operate is done. They are busy men all the fall, attending to the root and fruit gathering and the feeding and housing of the farm stock. Perhaps mismanagement causes some of the trouble. True it is that there are many farmers who do not know how to manage well. But in the majority of cases, the deficiency in plowing is due cases, the deficiency in plowing is due cases. The deficiency is an irritant poison. Last winter the fall attendance than usual is anticipated. This college is doing good work for our sister province. F. L. Fuller, formerly superintendent of the farm, has been appointed superintendent of the dent of agricultural societies.

Salt when given to pigs in large quantations an irritant poison. Last winter the rate of one association must not without the of one associa cases, the deficiency in plowing is due to the scarcity of farm labor. The emigrant lads are, as a rule, poor plowmen, and so a gangplow or a riding plow is forced into operation. These are looked upon as requiring no skill to operate and their work under these hands looks it.

Salt when given to pigs in large quantatives is an irritant poison. Last winter several sows died on a prominent farm in York Township, in a mysterious manner. Their symptoms were diarrically in the kind quarters. It has since been learned that one of the feeders gave them a pail of brine in mistake for slops.

Reeps, to the reserve thin. The total loan value of one association must not without the consent of the minister of agriculture exceed 10,000 cattle, or be less than 1000.

The laws of the associations shall among other things contain the abovement of the minister of agriculture in order the minister of agriculture in order to obtain certain favors grant-

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set in their deadly work, which the next season cannot wholly overcome next season cannot wholly overcome.

Farm families are smaller than they used to be. The boys are fewer and they leave the farm at an earlier age, and they leave the farm at an earlier age to long of themselves. This has been to long the case and its causes lie in our education and ideals within the farm home.

The were well for Ontario farms, of pleures that adorn the politices have a great deal to do with a sorted to simplify a youth as he has visited the Ontario parliament buildings has been inspired with the deater than they leave more attention to plowing and as sanser sense of the farming and a sanser sense of the farming of mexicology.

Jas. McBrady of Audley is well satisfactors. The World. He had one of the bees the farm them they will the deater the farm home.

Jas. McBrady of Audley is well satisfactors. The world in the place of the to plowing and a saner sense of the fitness of agriculture to rank in the front places of the world's work. A plowing match is a good thing.

SHORTHORN MILKERS.

That the Shorthorn cow is an ideal cow for the farm has always been contended by The World. The account of the milking of the cow Florence Airdrie 6th of Nebraska, will be good news for many a breeder. A good Shorthorn of this type is hard to valuate. Farmers should be maintained the milk is being fed. seize every opportunity to secure a good Superintendent G. A. Putnam of milking pure bred Shorthorn now that Farmers' Institutes, is busy prepared. the prices are a little low.

others in all probability. The drover, himself is generally a square dealer. He gets little credit for honesty in many cases, but he will compare very favorably with the general run of farmers.

But will the pot real run of farmers.

Secrups:

When a breeder or a fancier becomes a beef idea and a dairy idea into his head at the same time, and to such an extent that he is persuaded to cross a beef breed and a dairy breed of cattle in order to secure.

It might be a full better showing had the milking been done by hand thruout the year. I believe her records would have been larger had the station owned her from the time she was a heifer and given heat generated by the hens under this covering will keep them warm and comfortable. ably with the general run of farmers.

But will it not pay the farmer to faten tion, he is only lending himself and his efforts to the creation of scrubs.

But will it not pay the farmer to faten tion, he is only lending himself and his efforts to the creation of scrubs.

CAGE IN COAL SHAFT FELL.

CAGE IN COAL SHAFT FELL.

CAGE IN COAL SHAFT FELL. the pigs before marketing? Pork is efforts to the creation of scrubs. about \$6 live weight, and if he feeds

judiciously he can get the price of his grains out of pigs that have attained the weights ready for pushing them. of a coal mine shaft at Collard fell 34 feet to-day, killing, mortally injuring Ground corn with a mixture of bran and shorts can be purchased for \$1.30 per cwt. By feeding some roots and by careful penning, there will be no loss at these prices of both feed and pork. If the pachers would allow the drovers to bonus the farmer who has the really finished hog, the desired end would be attained in a way more pleasing all round. The hog business is tot-tering in many a farmer's mind at present and a wise policy from the pack-

FARM CALENDAR.

Richardson's sale. Whitby Nov 5. awa Nov East York plowing match, Agin-Fat Stock Show at Guelph ... Dec. 9-13. Nov. 30 to Dec.

Will agricultural products fall in

Watson's sale at Bradford takes place

stubble work.

This sort of plowing is sure to bring farming pages useful.

Subscribers are being added to The World daily. Farmers will find the

Hallowe'en pranks thruout the coun-

of flowers. They have an intrins worth, in that they feed the side man's nature that tells in increas comforts, more enthusiasm and nob ideals—and ideals make this old wor

Milk supplies about all the elemen necessary to form bone and flesh chickens. It is safer to boil it bef

a schedule of the winter meetings. It meet with much attention by farmers

cases, but he will compare very favorably with the general run of farmers.

Dut will the rot pay the farmers.

Dut will the rot pay the farmers.

LIEGE, Belgium, Nov. 4.-The cage

or maiming its occupants.

THE LONDON HORSE SALE.

We direct our readers to the two good sales of horses advertised for Wednesday, and Thursday in London, Ontario. These sales are made by men whom the horse world trusts They have been tried and found not wanting. Anyone who wants a Clydesdale filly could do no better than invest at Dalgetty's sale at the Britannia Hotel on Wednesday.

Lovers of good, big.clean-legged Shires that have show records in the old land, will find big value at the sale of R. Moore & Sons at London on Thursday.
Capt. T. E. Robson is the auctioneer, and he and the proprietors will cheerfully grant all information desired. There is nothing but good to be seen here and the trip to London ought to be a good holiday.

a Move to Aid Her Agricul-

"The farmers' economic advance as-sociations in Denmark were created ac-cording to a law of March 26, 1898, with the intention of exclusively furnishing the members with temporary loans for Many orchards this year are finding better crops under cultivation than where sod has covered the ground. done. The weeds are cut off; seeds are germinated and frost killed, and the fertility of the soil increased.

This indifference of the farmer is This indifference of the farmer is a the best.

It looks as if the Chicago Dairy Show and Corn Exposition was not troubled with an overflowing treasury from receipts. But the show was the best ever held. The cheerful man is a gift of God that has enough sorrow in it at the best.

Selecting the Layers for Winter.

Selecting the Layers for Winter.

It is a well known fact that the layers from the directors decide about the aspoiations. The directors decide about the application of the milking qualities of constant the milking qualities o renewal of their stock and inventory as a certain loan value according to the They are busy men all the generally of the harmless type.

They are busy men all the generally of the harmless type.

They are busy men all the generally of the harmless type.

neglected, or one plowing is made to answer. Root ground is left till the last and then a large crop of weeds get in their deadly work, which the get in their deadly work, which the to obtain certain lavors government, ed by the Danish government, viz., that the members can

ion isic of	1905 10	7,112.5	316.23 413.01 424.20
sed oler rld.	Av. for 4 years 8 The lactation year 190	8,893.8 06 of	377.99 Florence
nts	shown in periods of fou 365 days, is here given: Period—Time		Butter.
ore	Period—Time 1—Aug. 5-Sept. 1	inds.	Pounds.
wel	2—Sept. 2-Sept. 29 3—Sept. 30-Oct. 27	1.144.6	47.67
nat	4—Oct. 28-Nov. 24 5—Nov. 25-Dev. 22	955 7	44.12
ıst	6-Dec. 23-Jan. 19	742.4	42.55 34.36
the	7—Jan. 20-Feb. 16 8—Feb. 17-Mar. 16	712.2	36.83 36.72
ing	9-Mar. 17-April 13 10-April 12-May 11	678.0	34.50 34.70
the	11—May 12-June 8 12—June 9-July 6	772.6	36.06 29.24
	13-July 7-Aug. 3	484.7	22 97

It might be of interest to mention that this cow's milk sold for 6 cents per quart and for the past four years has returned \$264 per year. that this cow's milk sold for 6 cents

DAIRY BY-PRODUCTS.

Had Been Made. Several cheese factories in Ontario have this year made butter from the should be of fine, cut straw and plenty whey that has been left after the curd

An enterprising man conceived the idea of putting this thru a separator. The result was that a class of butter was made that is much desired by many dealers. Some of this butter has taken prizes at the fairs and tryeated order.

-Fifty Days for Stabbing.

DENMARK CREDIT BANKS HOW TO FEED AND HOUSE

This Progressive State Starts on Selection of Breeders From Good Laying Strains and Feeding is the Secret.

York financial panic.

Feeders this year will do well to enquire what their feeds are made of: High-priced, big named molasses-stand dirt does not mean profit.

Flowing is one of the splendid parts of farm life. It gives appetite and is not dirty work.

Subscribers are being added to The World daily. Farmers will find the splendid parts farming pages useful.

If a nation's strength is to be gauged by the stability of her agricultural of her agricultural to the farmers of Ontario produce few eggs from their hens in winter. The high prices prevailing might well repay any extra study given to this end. J. B. Barnard of Garretsville, Ohio, in writing to the Poultry Journal, to o-operative associations.

Mr. C. E. Sontum, the commercial agent for Camada, makes a recent report in which he tells of the formation of the farmers' economic advance associations:

The demand for strictly fresh eggs during the late fall and winter months far exceeds the supply and prices rule wery high during that period, and the breed of hens and the system of man-

aging them that will produce a good much sought after. This can be accom-plished by starting in the fall with a aging them in a systematic way, giv-

brought up to a high standard by always breeding from the best milkers. ing, get a good breed to lay strain of whichever breed you choose to keep. Select the early hatched pullets and one year old hens that moult early in will get ripened up by November, they will be ready for business during the winter. This is the foundation of your winter egg production. No system of feeding or care will get winter eggs from late hatched pullets, or old hens Feeding for Winter Eggs.

To make hens lay in winter they must be fed a balanced ration of different kinds of grain, animal and veg-etable food every day and plenty of pure water that is never allowed to reach the freeezing point. One of the most important items and the most neglected is the drinking water of winter layers. A large per cent. of the egg drink enough ice water to produce them. The last thing a hen does before going onto the roost and the first

without being forced to take it in their food. Keep beef scrap and dry wheat bran before them at all times with plenty of overteen at all times with plenty of oyster shells, grit, granbone and granulated charcoal. Feed either cabbage or mangold beets every day. Split the mangolds in halves and drive a spike thru them with a piece of plank and let the hens pick at them. Throw the cabbage on the floor, don't follow that old fossi notion of hanging cabbage up from the floor two or three feet, so the hen will have to jump up to give them exercise. That kind of exercise is a positive injury to laying hens.

Housing the Flock. The poultry house for the winter layers must be well made and warm with proper ventilation. A scratching shed should be attached to the house with wire netting front facing the The pork packers are complaining that they receive too many thin hogs. and consequently they have instructed the drovers to refuse buying these animals, and in the effort they receive too many thin hogs. This puts the drover and dealer in a hard position, as often there are one or two light or lean pigs in the farmer's bunch, and the lot are purchased from the farmer for the prevailing figures. If the drover asks the farmer to keep of animal produced from the farmer for the prevailing figures. If the drover asks the farmer to keep out the snow. No artificial heat become and dealer in a with the really meritorious breeders. How is it with the cross-bred breeding and represents an exceptional animal of the milking short-horn class. She is a cow of much quality and refinement, possessing a well the really meritorious breeders. How is it with the cross-bred breeding and represents an exceptional animal of the milking short-horn class. She is a cow of much quality and refinement, possessing a well the really meritorious breeders. How is the with the cross-bred breeding and represents an exceptional animal of the milking short-horn class. She is a cow of much quality and refinement, possessing a well weather strike a death blow to winter egg production unless the hens can be protected. To accomplish this the crosses that is creditable or that he light ones, the farmer to keep of animal produced from his crosses that is creditable or that he light ones, the farmer to keep out the snow. No artificial heat bould be used in the house, but the epitonal animal of the milking short-horn class. She is a cow of much quality and refinement, possessing a well weather strike a death blow to when should be used in the house, but the epitonal animal of the milking short-horn class. She is a cow of much quality and refinement, possessing a well of the milking short-horn class. She is a cow of much quality and

must be kept covered with a good depth of straw and changed as often as it gets damp and foul. Whenever the old straw is taken out, sprinkle floor with air-slaked lime, then Butter Made From Whey After Cheese put on the new straw. The fixtures of this house should consist of nest-boxes whey that has been left after the curd of it to make a warm, comfortable is taken out for cheese.

It is a well-known fact to cheesemen that some butter-fat remains after the cheese has been made. This fat adheres to the vats and cans and makes the utensils harder to keep clean.

of it to make a warm, comfortable nest. Rows of boxes fastened to the wall about six inches from the floor filled with beef scrap, ground oyster shell, granulated bone, charcoal, grit and dry bran; feed troughs made V-

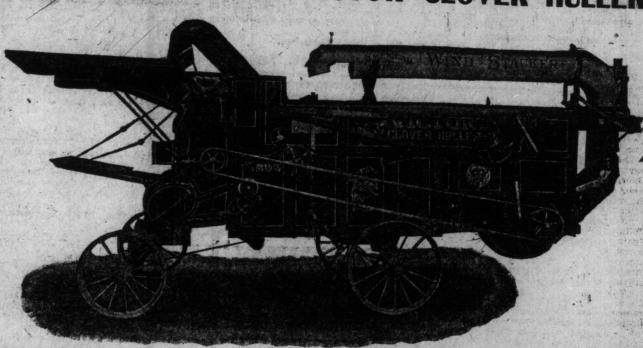
from the whey at the factory.

Just what this means to the farmers remains to be seen, but it will no doubt be a question for discussion at the dairy floor space of the house and gives the conventions. hens good exercise flying up and off the table and scratching in the straw. Fifty Days for Stabbing.

For stabbing William Day, a fellow employe, James Haggart, pantryman, lately engaged at the Rossin House, was ping boards should be cleaned off sent to jail for fifty days for felonious wounding.

A roomy dust box should be provided and always kept filled with road dust or sifted hard coal ashes. The dropping boards should be cleaned off every day and sprinkled with road dust or land plaster. Don't use much Gook Meinemed.

Farmstead. CHEAP MONEY FOR FARMER WINTER EGG PRODUCTION THE FAMOUS NO. 4 VICTOR CLOVER HULLER



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DESIRABLE FARM OF 74 ACRES, Prince Edward County; beautiful location, overlooking Bay of Quinte; best of soil, brick house; will sell on easy terms or exchange for Toronto property. For particulars apply W. P. Page, Sun & Hastings Loan Co., Toronto.

EXCELLENT STOCK AND GRAIN farm, 205 acres, in 9th con. Whitby. Good orchard, frame house, bank barn 110xt6 feet, hog pen, drive house and all conveniences. Apply Geo. Burgess, Uxbridge, or John A. Jones. Balsam.

DIRST-CLASS FARM OF 100 ACRES on gravel road 10 miles north of To-ronto, all under chitivation; large barn, stone basement; solid brick house, 12 rooms, Has never been rented. Apply Box 15, Concord P.O., Ont.

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lime for this. The perches should be DAIRYMAN SEEKS SITUATION sprayed once a week with a liquid louse killer and every two weeks must be thoroly oiled with kerosene oil, put on with a brush or pour into every crack and crevice. Under this thoro treatment lice and mites will be unknown and the hens will enjoy life. No hen covered with lice and wor-ried with mites at night, ever laid an egg in winter. Don't think for a moment that lice and mites don't get in their work in cold weather, for they do.

A WOODLAND HOME.

Weary of outland cities, in my dreams I find our north'rn valleys; virgin gold The birches flame along the aldered streams, old;

The spruces greet me with their purple M.B. cones; The chipmunks scamper in the quiet Above the marching of the forest spears Ont.

Wholesale for the next 30 days. Stock Al.

Try some. D. A. Graham, Wanstead,
Ont. The valiant maple flares his scarlet plume.

here, low-set between the forest walls Slumber the buckwheat-fields, now red and bare,
And open to the hermits of the woods
And all the flocking vagrants of the

Brown earth, red stubble, little heaps of stones Grey as old fence-rails, all are fair and dear. Even the half-turned furrow at the edge Holds the fine magic of the dying

Down in that corner where the sumachs glow The plump grouse peck along the friendly loam. The twilight falls, and grey against the sky, the heart-smoke of a woodland -Theodore Roberts.

year.

DESTINY OF SCRUB BULL.

Wisconsin may not contribute much prime beef to the market supply, but the Badger ket supply, but the Badger State is as long on bologna meat as it is generous in the production of cheese and butter. And the bologna prizes at the fairs, and repeated orders centre of the house, with side strips bull has its proper place in the supply. Without it killers would be hard pressed

IMP. YORK HOG \$5.50 Each

Registered certificate with each. Both sexes, 3 to 10 weeks old; also some older ones, Duke of York strain. No culls, but all choicest breeding imported, prize winning strain; same grade of stock as we have shipped all quickly, we offer them at price of porkers. Satisfaction guaranteed. You can't afford to feed scrubs high-priced feed. Feed it to high grade stock. HILLCREST FARM, Box 748, Woodstock, Ont.

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P OR RENT-UNSURPASSED GRAIN and dai'y farm to rent, 14 miles from Toronto, good buildings, never failing spring creek. Armstrong & Cook. Confederation Life Building, Toronto.

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HARM WANTED IN EXCHANGE FOR

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STOCK FOR SALE. The thin blue shadows ture me as of LOCHABAR STOCK FARM OFFERS several choice shorthorn bulls of dif-ferent ages for sale, and a nice lot of Berkshire, got by imported stock, also M.B. turkey, barred rocks, W. Wyan-dottes and Imperial Pekin ducks, by the wholesale for the next 30 days. Stock Al.

> OR SALE-1 DORSET HORN RAM, 2 Years, with pedigree, registered in both American and Canadian Flock Books; 2 ram lambs, with pedigree from same sire. For particulars, apply Geo. W. A. Baker, Oakville.

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Bologna makers prefer the meat yielded by the veteran calf producer from ing, was run thru Wisconsin pastures the dairy districts. The leaner and spongier the product is the better results it gives when stuffed into casings. Fat meat does not absorb the water taken up by the spongy stuff that comes from the carcass of a supersupposed dairy bull. An Irishman the The great Uterine Tonic, and only safe effectual Monthly Regulator on which women can depend. Sold in three degrees of strength—No. 1, \$1; No. 2; 10 degrees stronger, \$3; No. 2; 10 degrees s Prosperity in the bologine bull market and life in saloon trade are closely associated. Thousands of pounds of sau- wm. RENNIE GO., Limited, Toronto

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sage are consumed daily in the 8000 saloons of Chicago, and multiplying this COMPLETE OUTFIT FOR PLANING by the demand from the agregate groggeries of the country separate. In good repair, with 17 h.p. engine. Apply J. L. Somerville, Pickering, or F. M. Chapman, World Office, city.

saloons of Chicago, and multiplying this by the demand from the agregate groggeries of the country we use an enormous quantity. At this season, when plenty of thin western beef is available, the Wisconsin product sells to less advantage than during spring and early summer. A few months ago bologna bulls, shells and to take proper care of a certain, and by no means be derided, class of trave.

Bologna makers prefer the meat yield.

Bologna makers prefer the meat yield. no means be derided, class of trade. ium, \$4.00 to \$4.50 taking the bulk. A Bologna makers prefer the meat yield—fine tooth comb, metaphorically speak-

WANTED: Alsike and Red Clover, Timothy, Send samples. State