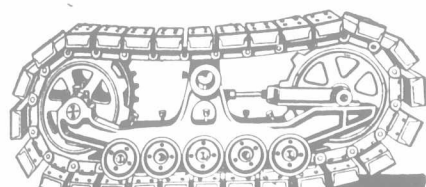


APRIL 1, 1915

# THE FARMER'S ADVOCATE

561



## Farm Drainage Simplified

**C**LEAN, smooth trenches, true to line and grade, dug fast and economically, make the laying of drain tile easy. Every land owner knows that tile drainage of land that needs it will make it produce more every year—will increase its value per acre. But tile drainage used to mean a big crew for weeks and months—boarding and bossing and paying them.



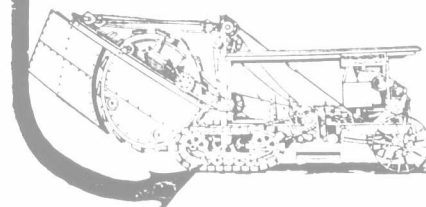
## Farm Drainage Excavator

has done away with all that. It has good ground traction because of the "P & H Corduroy Grip," illustrated above. It really travels on its own track, which it lays and takes up as it goes. These self-cleaning excavating wheel handles sticky and gumbo soils as well as those more favorable to machine work. There's ample power for all occasions.

If you have land to drain, write for Farm Drainage Excavator Bulletin FA.

**Pawling & Harnischfeger Co.**  
MILWAUKEE WISCONSIN

Herbert A. Dickson, Wallaceburg, Ontario, Canadian Representative.



**Holsteins**—This time I offer a beautiful bull rising 3 years of age, whose dam is a 3rd year-old produced 23 lbs. butter in 7 days and whose sire is a son of Francy 3rd—butter 24 lbs. This bull's dam is rising five years of age and gives great promise for a 30-lb. record with next calf, which will be in June, 1915. Her two records, 1st as a jr. 2-year-old 17.19 and as a jr. 3-year-old 23.32 stamp her as a sure 30-lb. cow. Have two great yearlings at \$100 each.  
**James A. Caskey, Madoc, Ontario**

### CLOVER BAR

Sires From R.O.P. and R.O.M. Dams. We have several choice ones, 2 to 10 months old, from the splendid sire Count Mercedes Ormsby (sired by Paladin Ormsby) all are out of R.O.M. and R.O.P. dams with records as 3-year-olds, 21.6 lbs. milk with 66.1 lbs. butter. A couple of these sires fit for service, they are nice fellows, priced reasonable. Write or come and see them.  
**P. Smith, R. R. No. 3, Stratford, Ontario**

There is a vast difference between keeping Holsteins and just keeping cows. ONE GOOD HOLSTEIN COW WILL DO THE WORK OF TWO or three ordinary cows. You save in feed, housing, risk and labor. Holstein cows milk longer, more per year, and more per life than any other breed. There's money for you in Holsteins.

**W. A. CLEMONS**  
Sec'y H-F Association, St. George, Ontario

**The Faiview Holstein Herd**  
Offers ready for sale a son of Homestead Colantina Prince, 3 nearest dams average over twenty-nine pounds of butter a week, also daughters from one week to two years old. Priced right.  
**FRED ABBOTT, MONLEY, R.R. NO. 1**

**Ridgedale Holsteins**—A bulls ready for service, also one bull calf sired by our great bull, "King Segis Pontiac" and from a high producing dam. A very choice herd-header at a reasonable price. **R. W. Walker & Sons, R.R. No. 4, Port Perry, Ont., Manchester, G.T.R. and Myrtle, C.P.R. Bell Telephone.**

**The Maples Holstein Herd**  
Offers ready for sale a son of Prince Aggie Macchilde from R.O.P. and R.O.M. sisters and dam of Duchess W. and Emily 2nd, Canadian champion. Two sons of the latter in R.O.P. 167.14 lbs. milk and 31 lbs. butter. Write: **Walburn Rivers, R.R. No. 5, Ingersoll, Ont.**

"Is your wife entertaining this season?" asked one of the sun-looking men of another. "Not yet," replied the other.  
—George Ade.

## Questions and Answers. Miscellaneous.

### Note for Sewing Machine.

Will you tell me what is best to do? I bought a sewing machine over a year ago with the understanding from the agent that he would bring his man that represents the company which manufactures the machine, an expert, and give us full instructions how to use the different attachments, and to fix the attachment that winds the bobbin. It would not work right. The agent could not fix it. He says he will make it right yet, free of charge. I gave him a note, to be paid last December. It bears interest after due. Have not paid it. I told the agent I did not think I should be expected to pay it until the machine is made right, as he guaranteed he would do. He told me I did not need to do so if I did not want to. Can he collect the interest on note, or could I take any steps to protect myself other than by paying the note?  
**Ontario. OLD SUBSCRIBER.**

Ans.—We think that you could be legally compelled to pay the note—interest as well as principal. Better write or see the manager of the company and arrange the matter with him.

### Seed for Meadows and Annual Pasture.

1. I have a piece of light-clay soil I cleaned last summer. I want to plow it this spring and seed it down. How much grass seed should I sow to the acre?

2. What kind of grain could I sow that would make pasture this summer for cows, and how much per acre? **C. B.**

Ans.—1. It would be well to introduce clover to this field as soon as possible, and we would advise sowing 10 pounds of red clover and about five pounds of timothy.

2. An annual crop for pasture which has been found successful in many districts of Ontario consists of 51 pounds of oats, 30 pounds early amber sugar-cane, and 7 pounds of common red clover. The pasture will be ready to use in about six or seven weeks if climatic conditions are favorable. The oats will be the first to afford pasturage, then, during the heat of the summer the sugar-cane will be useful, and red clover will exist on into the fall. Last summer we had occasion to visit a farm where sorghum was used alone. This was sown in drills 28 inches apart, with 12 pounds of seed to the acre. Fourteen cows had been on this field, which consisted of eight acres, for over five weeks, and they did exceptionally well. If they are taken off for a time, the sorghum will sprout up again and afford new pasturage.

### Hens Die Suddenly.

We had fifty pure-bred Rhode Island Red hens, one and two years old. The latter part of January they started to die. We lost eight in a couple of days, then no more died until two weeks ago. We had twelve die in four days. These hens are fat and laying well, and get the best of care. We are feeding wheat and soft feed occasionally. They have all the clear water they want, and plenty of grit and oyster shell. The only symptom we see is that they become stupid about a day before they die, and the heads of some turn purple. Some die while eating, and several have fallen off the roost dead, indicating that they die very suddenly. Is this a disease, and is it contagious? Would it be tuberculosis, and what will we do to stop it? Are they all liable to die? Would it be any use of having one dissected, and where would I send it?  
**D. R. D.**

Ans.—From the symptoms given in the query, it would appear that perhaps each living is at least one of the causes of the death of a large number of this flock. I do not think, however, that it would account for all the cases, especially as some of the birds die so soon after they show symptoms of illness, and also because such a large number die within a short space of time. It might be that something of a poisonous nature has been fed the birds. A little too much salt, or food which has been kept in exposed tin cans, etc., would likely cause trouble of this nature.  
**A. C. M.**

## Your cows can't show the profit they should unless you feed silage

NO DAIRY CAN PAY THE profit it should without a silo.

THE AVERAGE HAY CROP is less than two tons to the acre and hay is a dry feed and contains but very few milk-producing elements.

THE AVERAGE SILO CROP is about fifteen tons to the acre, and corn silage is a succulent feed and is very rich in milk-producing elements.

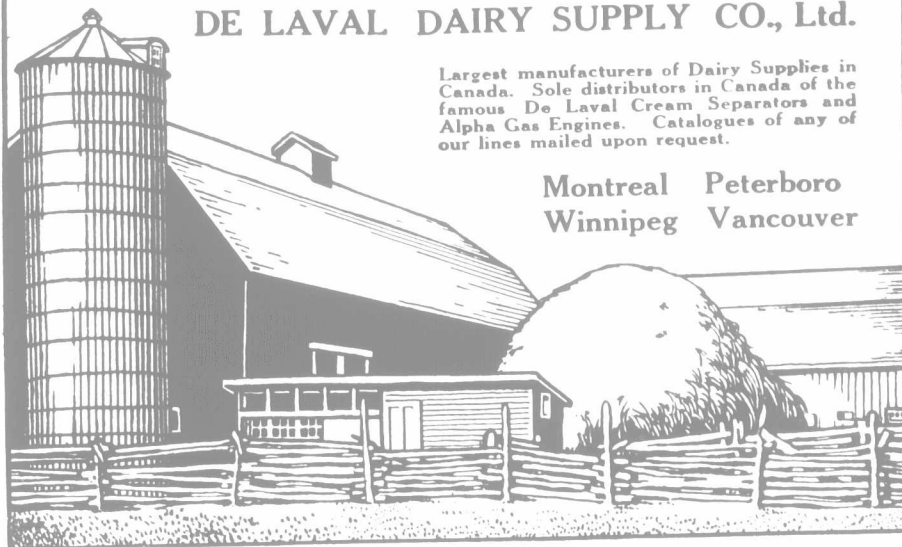
NOT ONLY IS SILAGE A better feed for dairy cows than hay, but it is much cheaper.

FURTHERMORE, IF SILAGE is fed twice a day, your hay and grain ration can be cut down while the production of milk will increase.

IF YOU WANT TO MAKE more money out of your cows you must feed them silage and now is the time to make your plans for silage next season.

The best and most economical silo for you to buy is the Ideal Green Feed Silo.

DE LAVAL DAIRY SUPPLY CO., Ltd.



Largest manufacturers of Dairy Supplies in Canada. Sole distributors in Canada of the famous De Laval Cream Separators and Alpha Gas Engines. Catalogues of any of our lines mailed upon request.

Montreal Peterboro  
Winnipeg Vancouver

### BULL CALVES FIT FOR SERVICE

AVONDALE FARM offers a number of young bulls from 10 months up, one from a 29.65 four-year-old; several others from 23 to 25 lbs. dams. We have also 2 young ones from dams over 30 lbs.

### SOMETHING EXTRA GOOD

All sired by our great SON OF KING OF THE PONTIACS. We want to clear these before our sale. Everything GUARANTEED just right.

**A. C. HARDY, Proprietor,**

**BROCKVILLE, ONTARIO**

### SUMMER HILL FARM

**Holstein Cattle and Yorkshire Hogs**

We offer for sale, a dozen bulls, some ready for service, from high official record dams. If you are wanting a bull, better write us and let us tell you how good they are. Can also spare a few good heifers. Yorkshire hogs all ages.

**D. C. FLATT & SON,**

**HAMILTON**

Phone 718

R. R. No. 2

**ONTARIO**

## Lakeview Stock Farm, Bronte

Breeders of High-class Holsteins

—Offer for sale, some choice young stock of both sexes.

**E. F. OSLER, Proprietor**

**T. A. DAWSON, Manager**

### IMPERIAL HOLSTEINS

We bred the sire and grand dam of the World's champion in public test. Do you want some of this blood in your herd combined with that of Vallessa Scott 2nd, World's greatest cow, and Princess Johanna Rose, dam of a 33.62 lb cow and sister to the youngest cow in the world to make 35 lbs. butter in 7 days. Bulls for sale only.  
**W. H. Simmons, New Durham, Ontario**

**Ourville Holstein Herd**—The first herd in Canada to develop a 31-lb. cow. The only herd in Canada to develop 27 two-year-olds averaging 23.24 lbs. in 7 days. We have also developed 7 three-year-olds averaging 23.24 lbs. in 7 days. If you want a bull backed by Ourville reputation and records, sired by a 31.76 lb. bull, write us  
**LAIDLAW BROS., AYLMER, ONTARIO**

**Holsteins**—You are too late to secure a son of Pontiac Hermes old enough for service. But NOW is the time to secure a calf for next season's work. You can save money by buying NOW. Also one son of May Echo Lyons sired out of 15,999 lb. dam. Get a catalogue for our consignment Belleville Sale, April 1st.  
**E. B. MALLORY, Box 66, R.F.D., BELLEVILLE, ONT.**

### HOLSTEINS AT HAMILTON FARMS

Young bulls and heifers out of official record dams sired by and cows in calf to Prince Homestead of the Pontiacs whose 14 nearest dams average over 27 lbs. and 44 lbs. for the present world's champion and King Isabella Walker backed up by 42 nearest dams of 29 lbs. cows is the kind of breeding I am offering.  
**E. HAMILTON, ST. CATHARINES, ONT.**

## Sunny Hill Holsteins

Rare and valuable bulls and cows in calf to King of the Pontiacs, world's greatest sire. Also one heifer, sired by a son of Pontiac, Royal Duke and by a brother to the \$26,000 bull, sire's dam 32.17 lbs. sold for \$1,000.  
**WM. A. RIFE, HESPELER, ONT.**

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