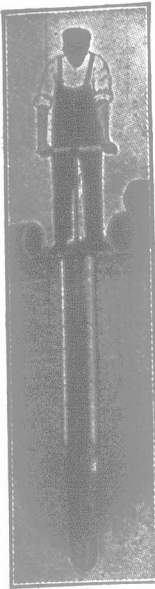


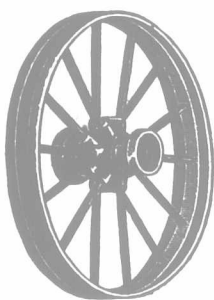
You Can Dig 40-foot Wells Quickly Through Any Soil With Our Outfit At \$12.00



Write us to-day, and learn how you can start a profitable business, digging wells for others, on an investment of but \$12.00. Works faster and simpler than any other method. 100-foot outfits at \$25.00.

Write us for full information.

Canadian Warren Axe & Tool Co. Limited
15 Carlton St., St. Catharines, Ontario



\$18
PER SET

F.O.B. Toronto

28-inch and 32-inch diameter, 4-inch by 1/2 tire. Built to fit any axle.

Write for Catalogue.

ELECTRIC STEEL WHEELS
With Grooved Tires
NORMAN S. KNOX,
47 Wellington Street E., Toronto, Ontario
Electric Wheel Co., Quincy, Ill.

FREE to Hunters and Trappers
Fine Taxidermy Book Now Free.
32p. with hundreds of photos of mounted birds and animals. Learn this profession. Save your trophies. Decorate your home and den. Learn to stuff birds, animals, game heads, furs, make robes. Quickly learned by men and boys. Big profits from spare time. Intensely interesting. Investigate. Write today for free book. Only a few free—no rush.
NORTHWESTERN SCHOOL OF TAXIDERMY
9545 Elwood Building Omaha, Nebraska

Woodbine Holsteins

Young bulls and bull calves, sired by Duke Beauty Pieterje; sire's dam's record 32.52 lbs. butter, and his two granddams are each 30-lb. cows, with 30-lb. daughter, with 30-lb. granddaughter. Three generations of 30-lb. cows. If you want a bull that will prove his value as a sire, write:

A. KENNEDY & SON, R. R. No. 2, Paris, Ont.
Stations: Ayr, C.P.R.; Paris, G.T.R.

3 Holstein Bulls

ready for service, and 5 younger; 40 females, R.O.M. and R.O.P. cows and their calves to choose from. Four ponies and 2 two-year-old Clydesdale stallions.

R. M. HOLTBY,

'Phone. R. R. No. 4, PORT PERRY, ONT.
Manchester and Myrtle Stations.

Maple Grove Holsteins

Do you know that Tidy Abbekirk is the only cow in the world that produced three sons who have each sired 30-lb. butter cows, and two daughters with records greater than her own. She was bred, reared and developed at Maple Grove. Do you want that blood to strengthen the transmitting power of your herd, at live and let live prices, then write:

H. BOLLERT
TAVISTOCK, ONT. R.R. NO. 1.

The Maple Holstein Herd

Headed by Prince Aaggie Mechthilde. Present offering: Bull calves born after Sept. 1st. 1913. All sired by Prince Aaggie Mechthilde and from Record of Merit dams. Prices reasonable.

R. R. No. 5 **WALBURN RIVERS**
Ingersoll, Ont.

Allancroft Dairy & Stock Farm

BEACONSFIELD, P. Q., CANADA.

Pure-bred Ayrshire and
Pure-bred French-Canadian
Bulls for Sale

Correspondence or visit solicited.
E. A. SHANAHAN, Secretary.
Merchants Bank Building, Montreal, Canada

High-class Ayrshires

If you are wanting a richly bred young bull, sired by a 30-lb. a-day and over cow, imported from a 30-lb. dam or sire, write me. Feeder and sire. Prices are easy.

D. A. MACFARLANE : KESLO, QUEBEC

Questions and Answers. Miscellaneous.

Mites in the Henhouse.

Will you please tell me, through your Questions and Answers column, the best time and the best way to get rid of mites in a henhouse? J. F.

Ans.—If the henhouse can be closed up almost air-tight, you can rid it of mites by a thorough fumigation with sulphur, but if it is somewhat open, you will have to resort to other means. First clean the pens and keep them clean; burn the litter; sprinkle coal oil on the roosts, openings, and crevices; next day thoroughly whitewash with strong milk of lime. To make the whitewash adhere, add two or three handfuls of salt to a pailful of the wash. About two days later, jar the infested spots, and if mites appear creeping about on the whitewash, repeat the application of coal oil. Sprinkle coal oil about the perches, nests, etc., every fortnight in summer, and several times during the winter. Many poultrymen find that by keeping boxes of ashes in the henhouse the mites are exterminated. The hens in dusting themselves, create a dust which appears to be fatal to the mites. Ashes are hard on the plumage, and combs off the fowls, but a box of ashes will rid the house of mites. Road dust will act in the same manner.

Alfalfa for Seed.

1. I have twenty acres of alfalfa, and I have taken one cut off of it, and would like to use the second cutting for seed. I have heard that it would kill the alfalfa. Is that so?
2. I have high land, which is clay, some sand and black muck. After cutting, I should like to sow some seed where it is missing. I intend to spread some manure on it and roll it. Would you advise me to do so? E. M.

Ans.—1. If this alfalfa field has a good stand and gave a good cut the first time, and is coming on well, it will not kill it to take a crop off for seed, but you will not be able to get a later cut for hay this fall. This is practiced very largely, and owing to the great scarcity of Ontario-grown alfalfa seed, it is becoming more and more common each year.

2. We would advise you, rather, to fit these bare spots and add manure this fall, and sow the seed on the old snow in the spring, or on a fresh falling of snow. This is quite likely to give you a good stand, but if you sow the alfalfa seed this fall, the chances are very slight for its surviving the winter.

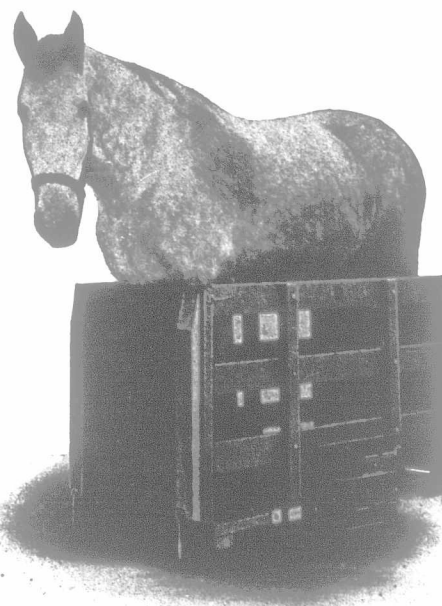
Sugar Making—Diarrhoea in Pigs.

1. Would you be kind enough to publish, in the columns of "The Farmer's Advocate," how to extract the sugar from sugar beets. I have some sugar beets, and I think it is advisable to make some sugar out of them.

2. Kindly tell me how to treat diarrhoea, or scours, in young pigs about three to four months old. Do apples, or apples and sour milk together, cause this trouble? A. D. M.

Ans.—1. The extraction of sugar from sugar beets is a very complicated process, and consists in washing, slicing, diffusing, saturating, sulphuring, evaporating, concentrating, and curing. Each one of these operations requires special machines, besides material, which would be very hard for you to procure. On account of the impracticable character of this operation, we are not taking up space in explaining it to you, as we feel that it would be much more profitable for you to either dispose of your beets to some sugar-beet factory and buy the sugar, or feed them to the stock.

2. This trouble may partly be due to indigestion, but no doubt the green apples have been a contributing factor. Sour milk will not generally cause diarrhoea in pigs, but an over-supply of apples might have that effect. Well-soiled flour gruel mixed with milk will often allay the trouble. Fifteen to twenty drops of turpentine for each one, three times a day, mixed with their milk, will give results and be easily administered. Besides, if you wish, give a teaspoonful of tincture of ginger and gentian combined, to each one, three times daily, in a little water or in their food.



"Grey Dan," weight 1,612 lbs., being weighed on an

Aylmer Three-Wheel Wagon & Stock Scale

CAPACITY 2,000 LBS.

Delivered at any Railway Station in Ontario, complete with rack.

\$35.00

Government Certificate accompanies each scale. Scale shipped same day as money received.

THE AYLMER PUMP AND SCALE COMPANY, LIMITED,
Aylmer, Ontario.

GUNS TRAPS ANIMAL BAIT & All Camp & Trap Supplies

Everything for the Camp and Trap line at remarkably low prices. "Hallam's Animal Bait" for all flesh-eating animals. "Hallam's Muskrat Bait" for muskrats, and "Hallam's Trail Scent" will materially increase your catch of furs.

We buy FURS, HIDES AND WOOL the year round at highest prices.

Write to-day to Department 59
JOHN HALLAM, Limited
111 FRONT ST. EAST, TORONTO

FREE

"HALLAM'S TRAPPER'S GUIDE"

96 pages; English or French; tells how and where to trap, game laws, etc., also "HALLAM'S TRAPPER'S SUPPLY CATALOG," 26 pages. Two good books FREE.

LAKEVIEW HOLSTEINS

Senior Herd bull—Count Hengerveld Fayne De Kol, a son of Pietertje Hengerveld's Count De Kol and Grace Fayne 2nd. Junior herd bull—Dutchland Colantha Sir Mona, a son of Colantha Johanna Lad and Mona Pauline De Kol. Third bull—King Canary Segis, whose sire is a son of King Segis Pontiac, and whose dam is 27-lb. three-year-old daughter of a 30-lb. cow. Write for further information to

E. F. OSLER, - - - **BRONTE, ONT.**

FAIRVIEW FARMS

Can furnish you a splendid young bull ready for immediate service, and sired by such bulls as PONTIAC KORNDYKE, the greatest producing sire of the breed, and also the sire of the greatest producing young sires of the breed; one of his sons already has six daughters with records above 30 pounds, RAG APPLE KORNDYKE 8TH, now heading our herd, and a few by a good son of PONTIAC KORNDYKE, and out of officially tested cows. Come and look them, and the greatest herd of Holsteins you ever saw, over, or write just what you want.

E. H. DOLLAR, Heuvelton, New York (Near Prescott, Ont.)

Holstein Cattle

(Prince Hengerveld of the Pontiacs, herd sire). Stock for sale. Large herd to select from.

HAMILTON FARMS - - - **ST. CATHARINES, ONT.**

HOLSTEINS We have a choice lot of bull calves with strong backing, and from dams with records of 18 to 24 lbs. Just the kind you are looking for. Write for extended pedigree, or, still better, come to see us. Prices very reasonable.

D. B. TRACY, Cobourg, Ont.

Beaver Creek Stock Farm Offering now for quick sale in Holsteins, a number of cows and heifers due to freshen early this fall, also two yearlings. In Percherons for sale or exchange, two extra good yearling stallions. Will exchange the two for one and a cash difference.

Smithfield Sta., T. H. & B. R. R. ALBERT MITTLEFEHLDT, Wellandport, Ont.

Willowbank's Holstein-Friesian Cattle—Herd headed by King Korndyke Inka De Kol, whose sire, Pontiac Korndyke (No. 25982), is the world's greatest dairy sire. Will offer a number of both sexes from this grandly-bred young bull and from dam with official 7-day records from 16 to 25 lbs. butter in 7 days.

COLLVER V. ROBBINS, Riverbend, Ont., Welland County. Bell 'Phone.

CLOVERLEA STOCK FARM HOLSTEINS

Herd headed by Pontiac Norine Korndyke No. 18773 whose grand-dam's record averaged 27.10 lbs. butter in 7 days and 4.48% fat. We have but one bull left for sale; he is 2 yrs. old, sure and quiet; also a few choice Holstein grade heifers.

GRIESBACH BROS. :: Long-Distance 'Phone :: **COLLINGWOOD, ONT.**



P. D. McARTHUR'S AYRSHIRES

In official record, high-testing Ayrshires, that have won scores of prizes, I can surely supply your wants, over 50 to select from. Young bulls of super breeding on record-producing lines. Also the 3-year-old stock bull, Imp. Whitehall Freetrader.

P. D. McARTHUR, North Georgetown, Quebec.

City View Farm

For Record of Performance Ayrshires, Present offering: two choicely-bred young bulls. Will sell cows or heifers by personal inspection only.

Jas. Begg & Son, R. R. No. 1, St. Thomas, Ontario

Brampton Jerseys

We are busy. Sales were never more abundant. Our cows on yearly test never did better. We have some bulls for sale from Record of Performance cows. These bulls are fit for any show ring.

B. H. BULL & SON :: **BRAMPTON, ONTARIO**

The Farmer's Advocate and Home Magazine

Published Once a Week. \$1.50 per Year in Advance.