now; and is

afford to miss

Ont.

hoice Females

th, and cows that are but the contributions

Secretary

h, 1918

(6826), two and three oronto Exhibition last We have others that ting a real good buil I Ormsby) (29759), the your expenses for the

to whether they will ot get one come to the

urries, Ont.

TON, ONT.

I; we have three of his f Lakeview

riesians and junior sires, King Segla dams.
, up to 34.71 lbs. butter to

way Clarkson, Ont.

## Ouestions and Answers. Miscellaneous.

Shorthorn Herd Book.

Where could I secure a copy of Volume 34 of the Dominion Shorthorn Herd Book? What publication would you recommend for one interested in Short-

Ans.-Write the National Live Stock Record Office in regard to the Herd Book. "History of Shorthorn Cattle," by Sinclair, gives a very good account of the

Floor for Granary.

Is it possible to make a concrete floor dry enough for a granary floor? Would the following precautions provide dryness: Underdraining beneath the floor, raising the floor 6 inches above the outside level with sand, and placing 6 inches

of coal cinders on top, and then running tile under each bin?

Ans.—These precautions would tend to give a dry floor, but there would always be a danger of the cement absorbing moisture at certain excepts and become moisture at certain seasons and becoming damp, thus causing some of the grain to spoil. We believe that using tar or pitch just below a thin top layer of cement would improve the floor so far as dryness

Still-born Calves.

Six out of ten breeding cows and heifers produced still-born calves. With one exception the calves were large and well developed as if they died during birth. It was necessary to get a veterinarian to deliver one cow. He said that he did not think there was any disease.

Ans.—It is hard to account for this. It might be due to some local cause, possibly to something they get in the bush or pasture, as there is no disease that causes such condition. It would be well to have your veterinarian make an investigation and endeavor to discover the cause. If the occurrence cease after the cows have been kept in the stable for a few months before calving, it will lend to the idea that the trouble was due to something in the pasture.

Whitewash for Stable.

What is a recipe for whitewash for a stone wall? How much would it take for a stable 30 by 70 feet?

Ans.—A recipe which is very satisfactory is as follows: Take half a bushel of unslaked lime, slake with warm water and cover it to keep in the steam. Strain the liquid through a first size for the liquid through a first size for the steam. the liquid through a fine sieve or strainer, add a peck of salt previously dissolved in warm water, 3 lbs. of ground rice boiled to a thin paste and stirred in boiling hot, then add one-half pound of Spanish whiting, and one pound of glue which has been previously dissolved by soaking in boiling water. Add 5 gallons of hot water to the mixture, stir well, and allow it to stand a few days protected from dirt. This gives the best results when applied hot. One pint will cover about a square yard, consequently it will take about 60 gallons to cover the inside walls of the stable above mentioned.

Holidays.

1. What holidays can the hired man

2. Is he at liberty to go out at night when his day's work is done?

3. Having hired for a year, can he quit and collect his wages, by giving two

J. A. M. Ans.—1. The legal holidays for the hired man in Ontario are: Sundays, except for necessary chores, New Year's Day, Good Friday, Easter Monday, Victoria Day, Dominion Day, Labor Day, Thanksgiving Day, Christmas Day and any other day or days proclaimed by the Governor-General or Lieutenant Governor as a public heliday. Governor as a public holiday.

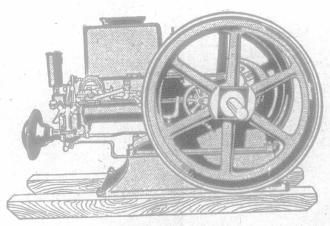
3. It depends on the wording of the agreement. As a rule, a hired man can-not collect full pay until his year is out, but where he gives sufficient notice to permit of his employer securing other help it is advisable to pay in full. When hiring by the year the season at which he quits makes little difference; for instance, a man working during the winter and quitting when the rush season commences is scarcely entitled to the same rate of wage as if he had worked during the s ummer and quit in the fall.

# Nowadays it's the Practical

Kerosene Engine

That's what is Solving the Farm Power Problem

ITH power jobs waiting in the barn, at the well, the stream, milk house, field and wood-lot—and the farm help in khaki, and gasoline to be saved wherever possible—the alert farmer turns to the kerosene Engine, providing he can get complete satisfaction in an engine designed for kerosene. The



# Renfrew Kerosene Engine

burns kerosene to perfection. Coal-oil is cheaper than gasoline (lower price and more power make it doubly so), and it can be got anywhere. If you run short in the middle of silo filling, more than likely there is enough lamp-oil in the house to put you over

The Renfrew does more than merely utilize kerosene as adapted engines do; it gets maximum power out of it, and makes it pay you handsomely, for the Renfrew is built for kerosene, not for gasoline; this means tip top efficiency,

The Renfrew starts with least amount of gasoline; in quickest time you change onto coal oil. Then she runs smoothly and evenly; couldn't do otherwise with her extra big fly wheels, perfect alignments always, machine-cut gears and her four-cycle drive with extra sensitive governor.

Her special oscillating magneto and ignitor provide fat spark for kerosene; the extra big hopper and water jacket takes more than usual care of the cooling. This engine being built especially for kerosene, with the latest ideas for getting kerosene efficiency, you are sure of full and complete satisfaction. Why not write to-night for full particulars of sizes and types and prices, all explained in our free catalogue? Special Pulley for Slow Running Machines is a feature of

Renfrew Jr. 11/2 h.p. Gasoline Engine

The Renfrew Machinery Company, Limited Eastern Branch-Sussex, N.B. Head Office and Works-RENFREW, Ont.

Other lines: Renfrew Cream Separator, Happy Farmer Tractor, Renfrew Truck Scales,

PROSPECT

125 Jerseys in the herd. For 30 years we have been breeding Jerseys for production. Choice young bulls, young cows, and few high-grade cows and heifers for sale.

We have bred over one half the world's Jersey champions for large yearly production at the pall. We bred, and have in service, the two grand champion Berkshire boars. If you need a sire for improvement, write us for literature, description have been breeding Jerseys for production. Choice young bulls, young cows, and few high-grade cows and heifers for sale.

R. R. No. 1

New Hamburg, Ont.

Champions for large yearly production at the pail. We bred, and have in service, the two grand champion Berkshire boars. If you need a sire for R. R. R. No. 1

New Hamburg, Ont.

HOOD FARM, LOWELL, MASS.

I'wenty-five Years Breeding REGISTERED

We bred and owned the dam, and imported the sire of the champion R, O. P. butter cow of Canada. We own the champion four-year-old R. O. P. butter cow of Canada. To make room for 1918 importation, expected to arrive in May, we are making special offerings of females and bulls, all ages. BRAMPTON, ONT. B. H. BULL & SON

THE EDGELEY CHAMPION HERD OF JERSEYS Write us about your next herd sire. We now have sons of our present herd sire, Edgeley's Bright Prince who is a son of Canada's champion butter cow, Sunbeam of Edgeley. Pay us a visit. Sunbeam of Edgeley is not the only high-record cow we have. We are pleased to show our herd at all times.

JAMES BAGG & SONS (Woodbridge, C.P.R., Concord, G.T.R.) EDGELEY, ONTARIO

WOODVIEW FARM

JERSEYS

Winner of first prize with five of his daughters on the Island of Jersey, in 1914, second in 1916, and again first in 1917. We are now offering for sale some very choice bull calves, ready for service. Sired by Imported bulls and from record LONDON ONTARIO of performance imported prize-winning cows. Also some cows and heifers. We work our show cows and show our work cows.

## AKESIDE AYRSHIRES

Our bulls took the Senior Championship, Junior Championship and Grand Championship in Sherbrooke, and first in their respective classes at Quebec, in addition to taking the special prize for the best bull on the grounds any breed. We have others like them.

WRITE FOR CATALOGUE

GEO. H. MONTGOMERY, Dominion Express Building, Montreal. D. McARTHUR, Manager,

HILLHOUSE AYRSHIRES-F.H. Harris, Mt. Elgin, Ont. Headed by Burnside Lucky Master Swell, a combination of blood so hard to equal, being of the Masterpiece and Lucky Girl families, a combination which means quality, production and constitution Ninety head to select from. Special offering—20 yearling helfers and 3 bulls. Inspection invited.

GLADDEN HILL AYRSHIRES

Our present Herd Sire is for sale. Fairvue Milkman, Sire Hobslands Tumples, Heir Imp. Dam the ex-Canadian Champion cow Milkmaid 7th, for both milk and butter-fat. Can sell a few cows and young heifers. Laurie Bros., Agincourt, Ont.

Linseed Oil Cake Meal, Corn Oil Cake Meal, Gluten Feed (23% protein), Bran, Shorts, Feeding Corn Meal, Wheat Screening, Corn Cracked Corn, Beef and Bone Scrap, Grit Shell, Charcoal, etc., etc. Ask for price on car lots of Linseed Oil Cake Meni and Seed Corn.

We are buyers of Hay, Straw, Oats, arley, Buckwhest, Mixed Grain, otatoes, etc., car lots or less. State antity of grain and send sample.

Canada Food Board Liesnes No. 3-170, 9-1917, 9-1779.

Crampsey & Kelly Dovercourt Road, Toronto

MESSRS. A. J. HICKMAN & CO. (Late Hickman & Scruby) Court Lodge, Egerton, Kent, England, Exporters of

PEDIGREED LIVE STOCK of all descriptions. Speciality made of draft horses, beef and dairy breeds of cattle, show and field sheep. Illustrated catalogues and testimonials on application. All enquiries answered with pleasure. Now is the time to import. Prospects were never better, and insurance against all war risks can be covered by payment of an extra 1% only.

SPRINGBANK R. O. P. AYRSHIRES

For a few weeks we will offer a few select young heifers by our senior sire Netherton King Theodore (imp.) and bred to our Junior Sire Humeshaugh Invincible Peter. All from R. O. P. dams and are priced reasonable to make room. We also have a 3 months bull from Can. Champion R.O.P. three-year-old, and one 13 months' bull from Mountain Lass with three mature records.

A. S. TURNER & SON, RYCKMANS CORNERS, ONTARIO.

WHEN writing advertisors kindly mention The Farmer's Advecate.