

Rice's Pure Cheese Salt

is the best value you can obtain, because it is specially made for the even curing of your product.

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RICE'S !

North American Chemical Co., Limited
CLINTON, ONTARIO

Morrison Tamworths and Shorthorns—Bred from the prizewinning herds of England. A choice lot of young sows to farrow, dandies and young boars, also choice young bulls and heifers in calf sired by Proud Royalist (Imp.) from extra choice Chas. Currie, Morrison; Ont.

IMPROVED YORKSHIRES
We are offering a few extra choice Brood Sows in pig, due between May 1st and June 15th. These Sows are priced very reasonably, and will sell in short order. We have a few young Boars fit to head any herd. Pomona Farm, Cobourg, Ont.

BERKSHIRES AND JERSEYS
Berkshires from prize-winning dams, Guelph and Toronto. Herd headed by Mountain Pat, 1st aged class and champion at Toronto in Aug. and Nov. and at London, 1913. Young stock for sale; prices low. Ira Nichols, Box 988, Woodstock, Ont.

Cloverdale Large English Berkshires
Sows bred, others ready to breed; boars ready for service; younger stock, both sexes, pairs not akin. All breeding stock imp. or from imp. stock. Prices reasonable. C. J. Lang, Burketon, Ont. R.R. 3

Please mention "The Farmer's Advocate."

MORE MILK

Keep a clean, constant supply of fresh water always before your cows. Save the cost of carrying water. The modern dairy man installs

Acorn Cow Bowls

Write for full information to

THE METAL SHINGLE & SIDING CO., LIMITED PRESTON

NEWCASTLE TAMWORTHS AND SHORTHORNS

Boars and sows all ages, sows bred, others ready to breed, all descendants of Imp. and Championship Stock. Several choice young bulls from 10 to 16 months old and a few calves recently dropped, all at reasonable prices.

A. A. COLWILL, Long-Distance Telephone, NEWCASTLE, ONTARIO

ELMHURST LARGE ENGLISH BERKSHIRES

From our recent importation of sows, together with the stock boar Saddon Torredor we can supply select breeding stock, all ages. Satisfaction and safe delivery guaranteed.

H. M. VANDERLIP, Breeder and Importer, CAINSVILLE, ONTARIO
Langford Station on Brantford and Hamilton Radial.

YORKSHIRES AND BARRED P. ROCKS

Bred and raised in CANADA at the Home of the Pure Breds. SUNNYBROOK STOCK FARM Offering never so good, the Champion still at the head. Barred P. Rock eggs in season. Write us your wants.

WM. MANNING & SONS, WOODVILLE, ONTARIO

LARGE WHITE YORKSHIRES

Have a choice lot of sows in pig. Boars ready for service and young pigs of both sexes supplied not akin at reasonable prices. All breeding stock imported or from imported stock from the best British herds. Write or call.

H. J. Davis, Long-Distance Phone, C.P.R., G.T.R. Woodstock, Ont.

DUROC JERSEY SWINE, JERSEY CATTLE

In Duroc Jerseys we have either sex of any desired age, bred from winners and champions for generations back. In Jerseys we have young cows in calf and young bulls, high in quality and high in producing blood.

MAC. CAMPBELL & SONS, NORTHWOOD, ONT.

Elmfield Yorkshires

A few young sows bred, also young boars and sows 2 to 3 1/2 months from choice breeding stock. Can supply pairs not akin. G. B. Muma, R.R. No. 3, Ayr, Ont. Phone Ayr R.R. 55 ring 2. G.T.R., Paris or Drumbo; C.P.R. Ayr.

CLEARVIEW CHESTER WHITES

For many years my herd has won the highest honors at Toronto, London, Ottawa and Guelph. For sale are both sexes of any desired age, bred from winners and champions.

D. DeCoursey, R. R. No. 5, Mitchell, Ontario

You Can Save Time and Labor for Yourself by Purchasing a HOG MOTOR

Our Claim: "With the Motor each and every farmer can successfully feed pigs"



Scene on Farm 25 Miles from London, England.



Farmyard Scene—Four Motors, Many Hogs, No Labor

THESE machines are in use in Great Britain, every State in the Union, each Province in Western Canada, 400 in Saskatchewan, and for over two years a number have been in use in Ontario, two being on the farms of Anson and Noah Brubacher at St. Jacobs.

These machines have so completely satisfied the owners and users that, after having held a series of investigations of results of using the Motor, we have decided to enter up on a genuine selling campaign throughout Ontario, with the intention of selling one or more Motors to every farmer or hog feeder.

A twelve months' test by any feeder will convince him there is no other successful method of handling hogs.

By the use of the Motor the pig feeder finds pig feeding just as pleasant and profitable during the winter season as in summer; the Motor controlling the feeding, thus preventing gorging, thereby eliminating stomach trouble and rheumatism.

Those who have used the Motor for a couple of winters say the machine reduces feeding to a science.

It is possible to have hogs feeding on the Motors

several days without even looking at them, and in busy times or when from home the usefulness of the Motor can be appreciated.

Our price, \$42.50, for the Motor makes it within reach of every farmer, and in order to quickly acquaint the public of its merits, we will allow railroad fare to every purchaser of a Motor who makes the trip to St. Jacobs, fare not to exceed \$5.00. If in excess of that amount, write us, quoting cost of return ticket from your town to Listowel, and we will endeavor to meet you.

Figure out the loss to yourself and neighbors by hogs crippling during the winter the past five years.

Figure out the number of hogs you would now be keeping were it not for stomach troubles during the cold season; you will decide to buy a Motor just as soon as this has been done.

A Motor to each Ontario farmer will mean 25% more pigs for the summer of 1916, and the country will need them.

All shipments made at \$42.50 per Motor f.o.b. Galt, Ont.

Address all correspondence to

THE CANADIAN HOG MOTOR CO., LIMITED, Listowel, Ont.

Questions and Answers. Miscellaneous.

Re Macdonald Institute.

At what age is a girl admitted to Macdonald Institute, Guelph, or is there any limited age?

A FARMER'S DAUGHTER.

Ans.—For all information in regard to the Macdonald Institute write to Miss M. U. Watson, the Macdonald Institute, Guelph, Ont.

Engine--Water System--Breeding, Etc.

1. Would it be safe to run a 2 1/2-h.p. gasoline engine in end of feed alley in cow stable of bank-barn? Would noise or fumes be injurious to cattle? Engine would be used for pumping about two hours twice a week.

2. We are installing water system in stable. Would you advise placing water bowls in horse stalls, with shut-off tap in upright feed-pipe, so that a horse coming in warm, could be given only one bowlful of water, but at other times could have water at will? Would this plan not be more satisfactory than Mr. Thomson's way (F. A. June 17), where horses could only get water at feeding-time?

3. In grading up an Ayrshire herd, would it be wise to raise a heifer calf from a pure-bred Ayrshire bull and a grade Holstein cow? Would this calf be called a scrub?

4. Which is likely to give the better results as outside covering for barn walls, painted dressed lumber or galvanized siding?

5. In laying tile drains, is it necessary to have them below the frost line in all kinds of soil? M. R. O.

Ans.—The stock would soon become accustomed to the engine. It might be well to have the muffler on the exhaust extend to the outside of the building.

2. No doubt the bowls would work all right. Mr. Thomson's method is a good one for a simple, homemade outfit.

3. If you are going to specialize in grade Ayrshires, it is better to have grade Ayrshire females and use a pure-bred bull. The calf may not be a mongrel, and unless a particularly promising youngster we would advise getting rid of her.

4. We cannot say. Both are good, and the metal has some advantages.

5. Generally speaking, yes; but some drains work very well at two feet.

Troublesome Churnings.

We have had trouble getting our butter for a long time, being obliged to churn in the summer-time often as long as two hours. In the winter we have no difficulty, getting it often in fifteen minutes. In summer we keep the cream in the cellar; in the winter, in the pantry off the kitchen. The winter temperature of the pantry is about the same. I should think, as the summer temperature of cellar, 62 1/2 degrees. In the winter we ripen the cream by heating it on the stove; in summer, we generally leave it in the cellar. Sometimes we bring it up to the kitchen, but in either case the length of time to get the butter seems the same. Our churn is old, 25 years or more. It is a barrel churn, in good repair, and sweet-smelling. We generally churn more than one-half a churnful at a time. Our last churning took nearly two hours. The churn was about three-quarters full, temperature of cream and cellar, 62 1/2 degrees F. The cream was from Tuesday to Friday morning; separated cream from four cows freshened in October, February, March and May, respectively. They are on grass, and fed a little silage. Would be greatly pleased to get light on the subject to lessen labor. SUMMER CHURNER.

Ans.—In the first place, too much cream has been put in the churn; it should never be more than one-half full during summer churning. When three-quarters full the cream will "go to sleep," or not fall. Occasionally the cream will foam badly and fill the churn. Such cream is usually poor in butter-fat. It may be cold, or contain gas-producing germs. Sometimes in summer the fat appears in liquid form and the cream will not break. In such a case the difficulty may be overcome by adding a few quarts of ice-cold water. The trouble of this enquirer probably arises from the condition of too much cream in the churn.