Double Your Hog Profits

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Animal Regulator

is also a money maker for thousands of hog raisers because it prevents cholera and constipation. It makes digestion perfect and the hogs get the fullest possible return from every pound of feed.

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PRATT FOOD CO. OF CANADA, LIMITED
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DIDN'T I TELL YOU

Cooper's Fluid

Will give your show beasts a coat like silk, and a healthy, pliant skin.

BESIDES

It is the most successful remedy for

MANGE and RINGWORM

and destroys **LICE** in one application.

$2.00 Per Gall. | Makes 100 gallons of cattle wash.

SOLE MANUFACTURERS:

WM. COOPER & NEPHEWS, Toronto

LINCOLN LONG-WOOL SHEEP

And Shorthorn Cattle.

The Riby Grove Flock and Herd, owned by

MR. HENRY DUDDING,

Is the source to which practically all the leading export buyers have resorted from time to time to obtain stud sires and dams, and rams and ewes of unrivalled merit and quality. The record of its show-yard success is unequalled, and so are its sale averages. Selections of Sheep and Cattle always for sale.

Apply: **THE OWNER, RIBY GROVE, STALLINGBOROUGH, GRIMSBY, ENGLAND.**

Shropshires The right quality to breed from. Choice animals of both sexes for sale. Also White Wyandotte cockerels. **W. D. Monkman, Bond Head, Ontario.**

Leicester Sheep and Duroc-Jersey Swine Choicely bred. Either sex. Various ages. Bell telephone Chatham. **MAC CAMPBELL & SONS, Northwood, Ontario**

POOR FISHING.

He was very bashful, and she tried to make it easy for him. They were driving along the seashore and she became silent for a time.

"What's the matter?" he asked.

"O, I feel blue," she replied. "Nobody loves me, and my hands are cold."

"You should not say that," was his word of consolation, "for God loves you, and your mother loves you, and you can sit on your hands."

QUESTIONS AND ANSWERS.
Miscellaneous.

DRAINAGE—WEEDING.

Most of the water from our farm flows onto my neighbor, into a large tile lying about the center of his farm, and, in turn, empties into an open ditch which crosses the back of our place.

1. If my neighbor lays tile from the main drain, across his fields to our line fence, and asks me to pay part of the price of these tile, what is my share?

2. Who is to judge the difference between the size of tile that will drain his land, and the larger one that will drain both his and ours satisfactorily?

3. As our farm has been tile-drained for many years, the tile emptying into open ditches at the line fence dividing our farms, and I need and ask for no other outlet for my tile, am I compelled at his request to pay in any way for tile which may be put in on his farm?

4. What weeds is a pathmaster required to cut on the roadside in Ontario at present?

5. Is the pathmaster expected to cut the weeds along one side of a farm which faces another road, and is in another beat? PAT.

Ontario.

Ans.—1, 2 and 3. All these matters—if the parties are unable to agree—should be disposed of by the award of the Engineer appointed by the municipality to carry out the provisions of the Ditches and Water-courses Act (Revised Statutes of Ontario, 1897, Chap. 285, and amending Acts).

4 and 5. All noxious weeds growing on the highway are to be cut down and destroyed; but it is the duty of the owners or occupants of the lands adjoining the highway to attend to it, and only in case of default on their part is the Council, or their inspector or overseer, supposed to act in the matter. Each owner or occupier of such adjoining lands is required to destroy all noxious weeds from the boundary of his land to the center of the road. As to the duties of the inspector, if any, appointed by the Municipal Council, see the local municipal by-law.

RUNNING SEPARATOR WITH ENGINE.

1. Could I run a 500-lbs.-per-hour cream separator with an 8-h.-p. Goold, Shapley & Muir gasoline engine satisfactorily, or could I run any other capacity separator? If so, please explain fully.

2. What speed would a barrel churn require to be run at for best results by gasoline engine? J. F. M.

Ans.—1. A 500-pound-per-hour separator could easily be run with an eight-horse-power gasoline engine, so far as power is concerned. The objection to a gasoline engine operating a separator is, that with some styles of engines, the motion is not steady enough for good results. As I am not acquainted with this particular style of engine, I could not say whether or not it will be satisfactory for operating a separator. It is, however, very necessary that the cream separator shall run at a uniform speed, and not more than one or two horse power is necessary to operate a machine of the capacity stated, or even a larger machine. In running a separator from the engine, it is always better to use a countershaft. The reason for this is, that by allowing the power to be transmitted to the countershaft and then to the separator, there is less danger, in getting up speed, of injuring the separator, as the countershaft takes off part of the friction. A tight and loose pulley is also an advantage for starting a separator with an engine, otherwise the speed must be got up slowly with the engine. Sometimes a "governor pulley" is used.

2. The speed for a barrel churn varies according to the size of the churn. Ordinarily, from 50 to 70 revolutions per minute is sufficient the slower speed for larger churn. One authority states that the motion of the particles of cream should be just short of centrifugal force, or at the rate of about 700 feet per minute. If the speed be too great, then the cream has the same speed as the churn, and there is no friction, consequently no churning taking place. The speed must be such that the speed of the cream is a little less than that of the churn—this produces concussion, and, consequently, brings butter. H. H. D.

BOVRIL

used in any way—soup, gravy or chowder—makes the dish to which it is added more nourishing, and at the same time it gives piquancy and palatability.

BOVRIL contains all that is good in beef in a highly concentrated orm.

RAW FURS

Another fur season approaches, and we take this occasion to again request the confidence of shippers. TO OUR OLD CUSTOMERS Price Lists will be mailed regularly as issued. TO ALL OTHERS interested we will gladly do the same on receipt of their names and addresses. WRITE AT ONCE, that you may miss none of the lists. We pay express charges in addition to all quotations, and remit promptly on arrival.

E. T. Carter & Co., 84 Front St. E., Toronto, Canada

FARNHAM OXFORD DOWNS The Champion Flock. First Importation, 1881. Our present offering is a grand lot of ram lambs for flock headers, from our imported champion ram, and a number of them from imported ewes. Also a first-class imported yearling and a two-shear ram. Fifty superior yearling ewes, and a number of ewe lambs. We are also offering a few large Hampshire ram lambs from imp. sire and dam. Long-distance 'phone on the farm: Central, Guelph.
HENRY ARKELL & SON, ARKELL, ONTARIO.

LABELS
Metal Ear Labels for Cattle, Sheep and Hogs.

The old standby for all who have stock liable to stray, or to dispute as to identification or ownership; for herd or flock records, or for general convenience. Send for free circular and sample. It may save you much trouble. Write to-day.
F. G. JAMES, BOWMANVILLE, ONTARIO.

I have big, thick and woolly rams and ewes, mostly lambs, but some yearlings, both

Shropshires and Cotswolds

Have also the best lot of young **SHORTHORN BULLS** have ever bred, sired by one of Whitehall Sultan's greatest sons. They will be sold worth the money. You should write soon. **ROBERT MILLER, STOUFFVILLE, ONT.**

SOUTHDOWNS

Alloway Lodge Stock Farm

First-prize Canadian-bred flock at Toronto, 1909 and 1910. Your choice of the best lot of rams I ever owned. The prices are right.

Long-distance 'phone. Railway station, London. **ROBT. McEWEN, BYRON, ONTARIO.**

SHROPSHIRES AND COTSWOLDS

I am now offering a choice lot of yearling rams of my own breeding from imp. Minton ewes, also ram and ewe lambs of both breeds. A few rams and ewes fitted for showing

John Miller, Brougham, Ontario
CLAREMONT STATION, C. P. R.

FAIRVIEW SHROPSHIRE RAMS We now offer a choice three-shear ram (second at Toronto), a few shearlings, and some extra choice ram lambs. All are sired by our champions. They are such as we can confidently recommend to breeders desiring to produce high-class Shropshires, as they are good individuals, and their breeding is of the very best. Prices moderate. Send for them and circular to: **J. & D. J. Campbell, Fairview Farm, Woodville, Ont.**

SPRING BANK OXFORD DOWNS Ram and ewe lambs and shearling ewes. A superior lot. Prices right for quick sale. Also a few Yorkshire sows. Long-distance 'phone on farm. **Wm. Barnet & Sons, Living Springs, Ont. Fergus Sta., G.T.R. and C.P.R.**

Highest Quality LEICESTERS We are offering 8 shearling rams, 25 ram lambs, 10 shearling ewes and 15 ewe lambs. Big in size, very heavy covered and choice quality. Flock headers and show stock a specialty. **C. & E. Wood, Freeman, Ont.**

MAPLE VILLA OXFORD DOWNS AND YORKSHIRES

Are ideal in type and quality. Present offering is a grand lot of ram lambs for flock headers, also a number of shearling ewes and ewe lambs, sired by imp. Hamptonian 222nd. Yorkshires of both sexes and all ages. Right good ones. Satisfaction assured.

Bradford or Beeton Station. **J. A. CERSWELL, Bond Head P.O., Ont.**

NEWCASTLE Tamworths and Shorthorns—For sale: Young sows, due Sept. and Oct., by imp. boar. Dams by Colwill's Choice, Canada's champion boar, 1901, 2, 3 and 5. Also choice pigs, both sexes. Two yearling Shorthorn bulls—Syme and Lavender families; 6 choice heifers and heifer calves. Prices right. Bell 'phone. **A. A. Colwill, Box 9, Newcastle, Ont.**

SUNNYSIDE CHESTER WHITE HOGS.

I am now offering some very choice young things of both sexes, of breeding age. A few Shropshire sheep of both sexes. A number of Bronze turkeys and toms, and Red Cap cockerels and pullets. **W. E. WRIGHT, Glanworth P.O., Ont.**

Willowdale Berkshires!

Nothing to offer but suckers and three extra choice young sows, bred to farrow May and June. Be quick if you want one. **J. J. WILSON, Importer and Breeder, Milton P. O. and Station. C. P. R. and G. T. R.**

Hillcrest Tamworths are second to none in America for type and quality. For sale are both sexes and all ages, from sows bred and boars fit for service down to youngsters. **Herbert German, St. George, Ont.**

MORRISTON TAMWORTHS

A grand lot of boars from 2 to 10 mos., also young sows (dandies). Some just bred. Some in farrow to first-class boars from best herd in England. Prices right. **Chas. Currie, Morriston, Ont.**

Please Mention Farmer's Advocate.

Monkland Yorkshires With very nearly 100 sows in breeding, of modern type and high-class quality, our herd will stand comparison with any in Canada. We are always in a position to fill large or small orders with despatch. Long-distance 'phone. **JAMES WILSON & SONS, FERGUS, ONT.**

Maple Grove Yorkshires

NEVER LOOKED BETTER.

We have the choicest lot of pigs we ever had to offer: 25 March and April boars, long, straight and smooth, with good strong bone. 50 March and April sows, very choice, of richest breeding. A few nice young sows in farrow. Will have about 50 September litters. We have doubled our hog-producing facilities, so great has been the demand for our stock. A fair deal and satisfaction to everyone.

H. S. McDIARMID, Fingal, Ont.
Shedden Station. Long-distance 'phone at farm.

LARGE WHITE YORKSHIRES

Have on hand at the present time a choice lot of boars ready for service, and a fine lot of young bred sows for the fall trade. Young pigs all ages. Pairs supplied not akin, from large imported stock. Write, or call on

H. J. DAVIS, WOODSTOCK, ONTARIO
Long-distance Bell phone. C. P. R. and G. T. R.