

WOOL

Farmers who ship their wool direct to us get better prices than farmers who sell to the general store.

ASK ANY FARMER! who has sold his wool both ways, and note what he says—or, better still, write us for our prices; they will show you how much you lose by selling to the General Store.

We pay the highest prices of any firm in the country and are the largest wool dealers in Canada. Payment is remitted the same day wool is received. Ship us your wool to-day—you will be more than pleased if you do, and are assured of a square deal from us. 2

H. V. ANDREWS
13 CHURCH ST., TORONTO

RAM SALE

Lethbridge, Alberta

October 9 and 10

UNDER the auspices of the Southern Alberta Wool Growers' Association. Over one hundred members, owning two-hundred-thousand sheep.

ENTRIES CLOSE JULY 1

Entry Blanks May Be Had on application to

The Secretary, Shearlock Building, Lethbridge, ALBERTA

Shropshires and Clydesdales

Besides my regular offering of ram and ewe shearlings, I have the three-year Clydesdale stallion, Cairnbrogie Heir 18299. Write quick, don't wait. W. H. PUGH, Myrtle Station, R. R., Ontario.

Cloverdale Shropshires and Berkshires—40 shearing rams, 70 shearing ewes; an exceptionally choice lot, true to type and well grown, nearly all sired by the show ram, Nock 16 imp. In Berkshires, the usual strong offering, including sows just bred. C. J. LANG, Burkton, Ont.

Meadowbrook Yorkshires

Six large litters of young pigs, about ready to wean; pairs supplied, not akin. Write your wants to G. W. MINERS, Exeter, Ont. R. R. No. 3.

Morrison Tamworths and Shorthorns—Bred from the prize-winning herds of England. Tamworths, both sexes; boars from 2 to 12 months. Shorthorn bulls, from 5 to 10 months old, reds and roans—dandies.

CHAS. CURRIE, Morrison, Ont.

BIG TYPE CHESTER WHITES

Three importations in 1918. From the leading prize-winning herds in the U.S. Over 100 April and May pigs, by imported sires.

JOHN G. ANNESSER, Tilbury, Ont.

POLAND CHINA

Boar 18 months; sows due in June and July. Also young pigs. Pedigrees furnished and express prepaid. Victor Vance, Box 13, Forest, Ontario

Lakeview Yorkshires If you want a brood sow or a stock boar of the greatest strain of the breed, (Cinderella), bred from prize-winners for generations back, write me. John Duck, Port Credit, Ont.

PROSPECT HILL BERKSHIRES

Young stock, either sex, for sale, from our imported sows and boars; also some from our show herd, headed by our stock boar, Ringleader. Terms and prices right. John Weir & Son, Paris, Ont., R. R. 1

Featherston's Yorkshires—The Pine Grove Herd I have the choicest lot of young sows of breeding age that were ever on the farm. A few are already bred. Also have 10 young litters. Prices reasonable. J. K. FEATHERSTON, STREETSVILLE, ONT.

DUROC JERSEYS Our herd won all champion prizes at Toronto and London, 1916 and 1917. Pairs not akin. Young stock, all ages for sale. Visitors welcome. For further particulars write:

CULBERT MALOTT, No. 3, Wheatley, Ont.
SPRINGBANK CHESTER WHITES Several young sows, ready to breed, and boars fit for service; young pigs, both sexes, ready to wean, by Sunny Mike—15917—first at Toronto in 1917. Satisfaction guaranteed, inspection invited.
Wm. Stevenson & Son, Science Hill, Ontario

TAMWORTHS

Young sows bred for Sept. farrow and a nice lot of young boars for sale. Write: John W. Todd, R. R. No. 1, Corinth, Ontario

Control of Swarming.

One of the greatest problems in bee-keeping to-day is the control of swarming. It is natural for a strong colony of bees to swarm in early summer when honey is coming in, but the breaking up of the colony cuts down the honey yield; while watching for and hiving swarms takes a great deal of the beekeeper's time, and the swarm may escape notice and fly away.

The methods of controlling swarming that have been tested at the Central Experimental Farm, Ottawa, fall under three heads.

(1) General measures. Partly shading the apiary; providing a large entrance with deep space between combs and floor; giving plenty of room in the brood chamber and supers; and young queens. These measures, while valuable, have been found insufficient in themselves to prevent the bees from raising queens in preparation for swarming.

(2) Manipulations to prevent more than one swarm. The queen's wings are clipped, preferably during fruit-bloom, and when a prime swarm issues and is still in the air, the queen is picked up from the ground and placed in a cage, and the hive is removed to a new stand. A new hive containing the caged queen is then placed on the old stand to receive the returning swarm, the queen being liberated later. The field bees join the swarm, leaving the parent hive so much weakened that it is not likely to swarm again. To make certain of this, however, the parent hive may be merely turned around and not removed to the distant stand until five days later. This method of swarm control necessitates immediate attention when the swarm issues, but, as the manipulations are simple, they can often be carried out by the home folks should the beekeeper be away.

(3) Manipulations to prevent swarming altogether. At the time of writing, none of the manipulations that have been tried has succeeded except the cutting out of all queen-cells every seven or eight days, and this failed during a heavy honey flow from clover at Ottawa in 1916 when the bees raised queens from worker larvae, and swarms issued before the queen-cells were capped over. It has, however, been found possible to prevent swarming in out-apiaries, forty miles north of Ottawa, by this means, although it entailed weekly visits from the middle of May until the middle of August, and much time was spent in examining each colony.

Experiments in the control of swarming are being continued, especially along the following lines, which seem the most promising:

(1) Testing systems of raising brood to the super. Many of these will delay swarming under some conditions.

(2) Finding means by which the brood chamber may be easily examined without lifting off the supers. A hive in which the brood combs are in a rack that can be drawn out sideways is being tried.

(3) Endeavoring to breed a strain that will not swarm, of which the preliminary step is to find out if the non-swarming character shown by some queens is inherited. A queen showing this character was found to retain it the following year.—Experimental Farms Note.

Re Spanish Coin.

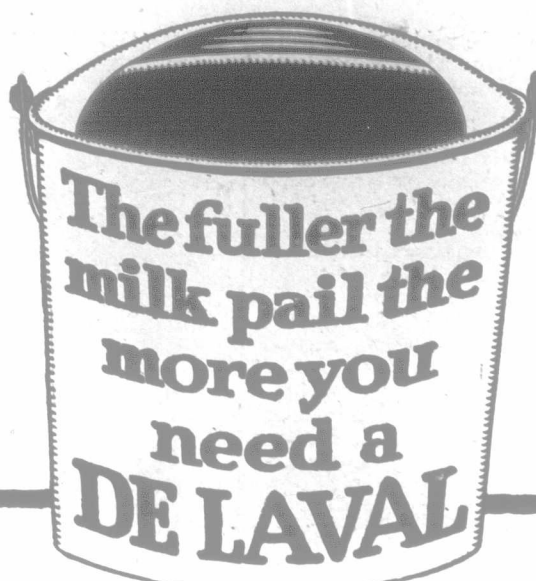
To my mind M. A. C. has correctly interpreted the motto on the obverse of the coin referred to in your issue of the 16th instant. That on the reverse—Ultra Que Unum—numismatic style, seems to stand for Utraque Unum in plain language, and would be rendered into English—"They both, one," meaning that Spain at home and overseas (West Indies), are one kingdom—Unum is a numeral adjective signifying one, with regnum understood. [Utraque Unum (regnum) = Both one kingdom]. Submitted till we shall hear from a professional.

P. E. I.

NUMISMATIST.

A Golf Handicap.—"I wouldna say McTavish canna learn the game," remarked Sandy, as they trudged home from the links; "but it will be deeficult for him."

"Aye," agreed Donald. "At times he will be like to bust, what wi' being so reelegious and tongue-tied."



Your need of a
DE LAVAL
CREAM SEPARATOR
is greater right now
than ever before

These are the days of the full milk pail.

But if you are trying to get along without any cream separator, or with an inferior or half-worn-out machine, the more milk you get the more cream you lose.

And no farmer can afford to lose even a little cream when butter-fat is selling at from 40 to 50 cents a pound.

With butter-fat at present prices, and our country begging us to stop waste, "cream slacker" methods of skimming milk must go.

Get a De Laval right away and put all the cream in the cream can.

There is no other cream separator that can compare with the De Laval in clean skimming, capacity, ease of operation, freedom from repairs and durability.

Order your De Laval now and let it begin saving cream for you right away. Remember that a De Laval may be bought for cash or on such liberal terms as to save its own cost. See the local De Laval agent, or, if you don't know him, write to the nearest De Laval office as below.

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Sole manufacturers in Canada of the famous De Laval Cream Separators and Ideal Green Feed Silos. Alpha Gas Engines, Alpha Churns and Butter-Workers. Catalogues of any of our lines mailed upon request.

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SOUTHDOWNS AND SHROPSHIRE

We have an unusually choice lot of shearing Rams of both breeds to offer as flock headers, and for show purposes.

BERKSHIRES

We can offer some excellent young Boars and Sows, sired by Lucky Lad, 37075, champion Boar at the Canadian National Exhibition, 1916-1917. Also brood Sows.

LARKIN FARMS, (Please mention Farmer's Advocate) QUEENSTON, ONT.

OXFORD DOWN SHEEP

We are one of the oldest established firms in America. Although we have sold our farm at Arkell, we are still in the sheep business, having secured other land expressly for our sheep. Present offering, 100 yearling rams and 50 yearling ewes. Ram and ewe lambs for sale later. All bred from our own importations. Prices reasonable. Communicate to—Henry Arkell & Son, 70 Beatty Avenue, Toronto, Ontario. (Phone at present under name of T. Reg. Arkell).

ELMHURST LARGE ENGLISH BERKSHIRES

From our recent importation of sows, together with the stock boar, Suddon Torredor, we can supply select breeding stock, all ages. Satisfaction and safe delivery guaranteed. H. M. VANDERLIP, Breeder and Importer, R. R. 1, BRANTFORD, ONTARIO. Langford Station on Brantford and Hamilton Radial

BERKSHIRES

My Berkshires for many years have won the leading prizes at Toronto, London and Guelph. Highcleres and Sallys, the best strain of the breed, both sexes, any age. ADAM THOMPSON, R. R. No. 1, STRATFORD, ONT. Shakespeare Station, G.T.R.

ENGLISH LARGE BLACK PIGS

We have some promising young stock from imported dam and sire of both sexes for sale. Large Blacks are greatly approved in England and will be a coming popular breed in Canada, and good for crossing. We also offer some young bulls from milking Shorthorns, imported stock.

LYNNORE STOCK FARM. F. WALLACE COCKSHUTT, BRANTFORD, ONT.