

Dr. Maria Montessori

JANUARY 22, 1914

THE FARMER'S ADVOCATE.

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Caldwell's Molasses Meal

is known to practical farmers and stockmen as the feed that adds 25% to the value of stock in a very short period. It is known to reduce general forage bills by making other feed more palatable and digestible; because it is 84% Pure Cane Molasses and 16% edible moss possessing wonderful therapeutic properties.

Caldwell's Dairy Meal

is known to be a high protein, correctly-balanced cow ration, guaranteed to increase milk flow amazingly, while at the same time keeping a dairy herd in top-notch condition. Like all Caldwell products, the ingredients of our Dairy Meal are guaranteed to the Government and printed in plain English on the tag attached to every bag.

Here's the Guaranteed Analysis:

Protein	-	-	-	20%
Fibre	-	-	-	10%
Fat	-	-	-	6.3%

N.B.—You will oblige by promptly notifying us if your dealer hasn't Caldwell's Dairy Meal on hand. Write for booklet.

The Caldwell Feed Co., Ltd., Dundas, Ont.

Molasses Meal, Dairy Meal, Cream Calf Meal, Poultry Meals



Easiest Way to Clean Cutlery—

Just use a little Panshine sprinkled on a damp cloth, and let your cutlery be as dirty, greasy, grimy as it may, Panshine will make it glistening, sweet and clean in a jiffy. For an easy shine, use

PANSHINE

It's just as good for painted work and woodwork—for pots, pans, linoleums and bathroom fixtures. Panshine is a pure, white and clean powder without any disagreeable smell and does not harm the hands.

Large Sifter Top Tin, **10c.** At all Grocers



Great Athletic Book 10c
Be strong and athletic. Learn wrestling, self defense, jiu-jitsu. Let Farmer Burns, Mgr. Frank Gotch, World's Champion, teach you. Great opportunity for young men. Makes you strong, healthy and skillful. For 32-page book showing great holds and tricks by Burns and Gotch. Only a few at this price. Don't delay—send at once—today. Farmer Burns School of Wrestling, 7531 Range, Bldg., Omaha, Neb.

Cotton Seed Meal

\$33.50 PER TON

F. O. B. Forest

TERMS: CASH WITH ORDER.

H. Fraleigh, Forest, Ont.

Questions and Answers.

1st.—Questions asked by bona-fide subscribers to "The Farmer's Advocate" are answered in this department free.

2nd.—Questions should be clearly stated and plainly written, on one side of the paper only, and must be accompanied by the full name and address of the writer.

3rd.—In Veterinary questions; the symptoms especially must be fully and clearly stated, otherwise satisfactory replies cannot be given.

4th.—When a reply by mail is required to urgent veterinary or legal enquiries, \$1.00 must be enclosed.

Miscellaneous.

Ganders and Geese.

Advise as to how many geese should be kept to one male. - Would five geese and one gander answer the purpose?
R. W.

Ans.—Geese tend to mate in pairs, but success is often attained with three females, and sometimes four, to one male. Two or three females to one male is preferable. Five is too many for a general practice.

Lightning Rods.

Would you give me some advice on putting lightning rods on my barn? My barn is 60 x 64 feet, and has a corrugated-steel roof. Would it be satisfactory to put a cable made of four or five strands of No. 9 soft galvanized wires, at two of the corners, diagonally opposite each other, and attach them to the roof, the other end to be in the ground about eight feet?
J. E. C.

Ans.—You would make two mistakes. In the first place, use no less than eight strands of No. 9 wire, and in the second place, it would be advisable to extend your cable along the roof, having up-rights every twenty feet. With this system, it is immaterial whether you ground your cable at the corners or at the ends. You will find some useful information on page 2286, in the issue of December 25th, 1913. A measure of protection would result by putting an eight-strand cable down from each diagonal corner if well connected with the roof and run down to permanent moisture. Eight feet should be enough. But we would prefer running the cable the entire length of the roof.

Gossip.

James Bowman, the Aberdeen-Angus breeder, of Guelph, Ont., informs us that he has sold H. C. Soldan, Hensall, Ont., four Aberdeen-Angus heifers and a bull. Two of these heifers were winners at large summer fairs. Mr. Soldan has laid a good foundation for a herd. He also reports the sale of the junior bull calf that won first prize at Winnipeg, Regina, Saskatchewan, Edmonton, Toronto, and London, to Mr. Herbert Hook, Jos. Stone's energetic herdsman, who has fitted so many good cattle for fat-stock shows, and the prize junior yearling, to C. C. Elliott, Strathcona, Alta. J. J. Bell, of Islay, Alta., also took six good yearling rams, and a very promising bull calf. Mr. Elliott and Mr. Bell are both doing good pioneer work in these breeds in Alberta. John Shor-y, of Boissevain, Man., also took a useful bull, by the champion bull, Elm Park Wizard. Col. Mitchell, of Niagara-on-the-Lake, took two useful heifers, bred to one of the first-prize bulls. John D. Larkin, of Queenston, Ont., has very recently purchased one of Mr. Bowman's stock bulls, Beauty's Prince 5102. This bull is by the famous imported bull, Prince of Benton, that was champion at Toronto, 1903, and at Winnipeg, 1903 to 1905, and left so many good cattle, both in the East and West. Beauty's Prince is out of the champion cow, Elm Park Beauty 4th, that has a record that is very hard to beat as a show animal or a breeder. Wm. Kelly, of St. Paul's, has bought a good bull calf by this bull. Suffolk sheep are also being eagerly sought after, and Mr. Bowman has sold twelve rams and ten ewes to Alan McGregor, of Suffield, Alta., manager of Southern Alberta Land Co.; ten ewes to Edwin Messory, Loughheed, Alta.; six rams to J. J. Bell, of Islay, Alta.; one champion ram and a lamb to H. P. Jacques, Castor, Alta.; two good shearlings to Geo. Armstrong, Spring Hill, Sask.; H. Hancox, of Dominion City, Man., took ten shearing ewes and four rams this year, and about the same number last year. Mr. Hancox is greatly pleased with the way Suffolks thrive in Manitoba, and says he cannot supply enough rams to satisfy demand.

Butter and Eggs

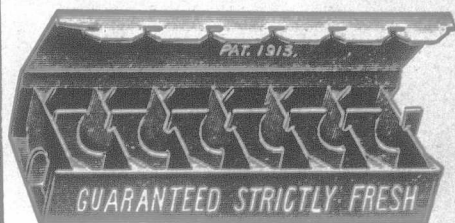


FIG. 1

RUDD'S Butter and Egg Cartons



FIG. 2

ARE SAFE, SANITARY and ECONOMICAL For Every Purpose

Fig. 1.—Our patent, self-locking egg carton. Fig. 2.—Knock-down egg carton with cushion division.

Fig. 3.—Butter carton to hold one pound of butter.



FIG. 3

Write for circulars and price.

RUDD PAPER BOX CO., Limited
Toronto, Ontario 23

Aylmer Superior Lever Force Pump

For Hand and Windmill use. Has Six, Eight, and Ten-inch Stroke. Adjustable Base.

Fig. 36.



Fig. 36 represents our Superior Lever Pump, fitted for hand and windmill use. Made in 1½ and 2-inch.

This style of lever and fulcrum has several advantages over the ordinary style; having longer stroke the power is greater, making it work easier. The handle being wood, they are not so liable to break in frosty weather.

The base is adjustable admitting of top being raised or lowered to any position desired.

The handle is drilled for three lengths of stroke. Six, eight, and ten-inch stroke.

This is readily converted into a Windmill Pump by the addition of a flat bar, which screws into the cross-head on top.

Cylinders capped inside require to be two inches longer to obtain same stroke.

This pump is adopted for all depths of wells; furnished with Iron, Brass Body or Brass Lined Cylinder. You'll never regret placing one of these pumps on your farm. Write us to-day for prices and illustrated catalogue free.

Aylmer Pump & Scale Co.,
Aylmer, Ontario



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You can quickly learn to run steam engines by studying Young Engineer's Guide. Save the expense of hiring an engineer. Book recently revised to 254 pages. Illustrated. Endorsed by engine manufacturers and leading engineers everywhere. Price postpaid \$1.00. Windsor Supply Co., Windsor, Ont.

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Established 1866

