

Questions and Answers. Miscellaneous.

Lump on Cannon.

Would you kindly advise me, through the columns of your valuable paper, some way to take a lump off a colt's fore leg, half-way between fetlock and knee, on the shin, caused from a bruise when two weeks old. Colt is two months old now, and there is still a hard lump on the bone.

H. P.

Ans.—This is a thickening of the fibrous covering of the bone (called the periosteum) and an enlargement of the bone itself. It is quite difficult to remove, and may never interfere with the usefulness of the animal. Repeated blistering will reduce it to some extent probably with this young animal. Use two drams each of biniodide of mercury and cantharides to an ounce of lard or vaseline. Blister once every four weeks.

Lawns.

Could you advise me how to treat a lawn that has not done very well the past summer, in order to have a better growth next spring?

J. O. R.

Ans.—Cannot tell exactly what shape your lawn is in, or why it did not do well last year. It probably requires some fertilization and re-seeding. If it is not convenient to work up the lawn and re-seed it, apply some manure this fall, shaking it out fine and spreading it thoroughly over the lawn. When growth should start in the spring, rake off the manure and scatter a mixture of lawn seed over the barren places and scratch it in with a garden rake. Lawn seed is sold in packages, but a mixture of Kentucky blue grass, red-top grass, and white Dutch clover, equal parts, makes a desirable lawn. Do not be afraid of putting it on too thick, and do not omit the Kentucky blue grass from the mixture. It is the important grass.

Working Orchard.

Part of my orchard is in sod. Would it do to break it up this fall, or would it be better to let it go until spring? If worked up this fall, should it be worked up fine or left rough?

C. S. H.

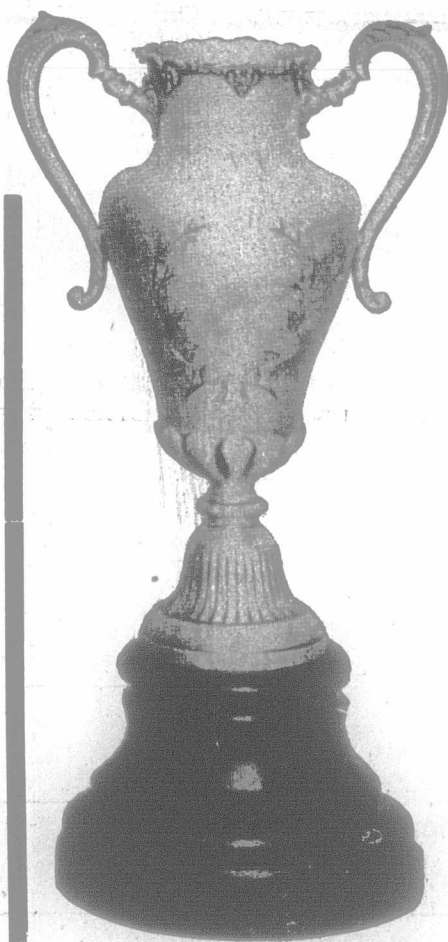
Ans.—Whether you break your orchard up this fall or in the spring is a matter of convenience on your part. There is so little difference in the advantages accruing to fall or spring plowing that orchardists cannot agree as to the proper time. If left till spring the grass might retain more leaves and snow than the plowed land, adding both protection and fertilization. If plowed this fall it should be left rough, and worked down in the spring as soon as cultivation is practicable. If the orchard has been in sod for a number of years, do not plow deeply at first, for the roots will be quite close to the surface. Commence with shallow cultivation, and deepen some each season.

Mushroom Culture.

Would you kindly tell me how to make mushroom spawn, and how to grow mushrooms?

J. J. M.

Ans.—Mushroom spawn is customarily purchased from some established seed firm. It is sold in the form of a brick, composed of manure and loam, into which spawn has been introduced, and allowed to fill the whole mass. Rich artificial soil, a dark, damp place, and a steady temperature of 50 to 75 degrees are necessary for mushroom growth. Cellars, or dark rooms should be used as a place for the culture. Procure good, rich, horse manure, free from straw, and mix it with one-quarter or one-fifth part good garden soil. Put this mixture in beds at least ten inches deep. Make the bed compact and smooth on top. Fermentation will set in, and the temperature will go up to 100 degrees; when it falls again to 80 degrees, place the spawn in the beds. Put pieces of spawn the size of a hen's eggs in holes two inches deep and ten inches apart. Fill the holes in with the mixture of soil and manure. When the spawn begins to show itself at the surface, cover with one inch of slightly moist soil, press down and smooth over. If bed is too dry, water sparingly with tepid water.



This is one of the four cups donated for the Best Horse, Beef Animal, Dairy Cow, and Pen of Bacon Hogs shown at the Guelph Fat Stock Show this year.

THE WINNER

WAS SHOWN IN PERFECT CONDITION

The difference between the blue and red is often merely a matter of condition. You've often noticed that. Most of the consistent winners at the Fall Fairs will tell you that there's nothing like

CALDWELL'S Molasses Meal

For getting an animal in tip-top condition in a very short time.

This meal is all food and an easily digested food—the only feed on the market manufactured entirely from Pure Cane Molasses.

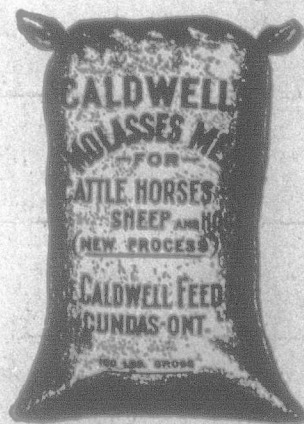
We are again offering Silver Cups at Guelph Winter Fair for the best conditioned horse, steer, sheep and hog. No restriction as to feed.

If your own animal with breeding enough to win, if shown in first class shape, it's easy enough to get him there with Caldwell's Molasses Meal. It tones up the digestion without scouring, eradicates worms. You will see that animal piling flesh and bone under a glossy coat in great shape. Ask the man who serves it.

If your feedman doesn't keep it, write to us.

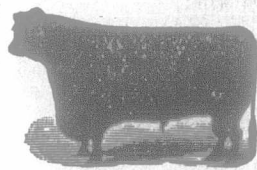
The Caldwell Feed Co., Limited, Dundas, Ont.

Molasses Meal, Dairy Meal, Cream Substitute, Calf-Meal, Poultry.



Ship your LIVE STOCK to the old firm of
DUNNING & STEVENS, Inc.
Commission Merchants EAST BUFFALO, N. Y.
Room 1, Live Stock Exchange Building
Established 1876
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Write for market paper or pass books

ABERDEEN-ANGUS BULLS



Two-year-old bull, Middlebrook Warrior 2nd, sired by the Toronto Champion, Hundred. Also four young bulls to ship about December 1st. They are right kind for herd headers or to cross with grades. Write for prices.

FORSTER FARM, Oakville, Ontario



Canada's Champion Herefords When selecting a herd header the fountain head; for years my herd have proven their title as the champion herd of Canada. I have always both sexes for sale.
L. O. CLIFFORD - Oshawa, Ontario



ABERDEEN ANGUS AND SUFFOLK SHEEP
In the "Black Dobbies" I can supply young bulls of serviceable age and females of any age, as choice as the breed produces, big, thick mellow cattle. In Suffolk Sheep I have anything you want in rams or ewes; they are the best all round breed in the world.
James Bowman - Guelph, Ont.

100 SHORTHORNS 100 IN OUR HERD

For sale—Imported yearling show bull; 14 bull calves 8 to 14 months old; cows and heifers and show material all ages. Herd headed by three high class imported bulls, all three were prize-winners at Toronto this year.

MITCHELL, BROS., - BURLINGTON, ONTARIO
Farm 1/2 mile from Burlington Junction.

Shorthorns—I have ten young Shorthorn bulls, some fit for service now. Part of them are bred, and made so that they are fit to head the best herds in any country, some of them are of the thick, straight, good feeding kind, that will produce money-making cattle; some of them are bred from the best-milking Shorthorns, and the prices of all are moderate. I have Shropshire and Cotswold rams and ewes of all valuable ages. Write for what you want, I can suit you in quality and in price.
ROBERT MILLER, Stouffville, Ontario.



5 Shorthorn Bulls—We have for sale at moderate prices 5 Scotch Shorthorn bulls, including one of our herd bulls. Also a number of high-class heifers and heifer calves.
A. J. HOWDEN & CO., COLUMBUS, ONT.
Myrtle, G.T.R. & C.P.R. Long-distance 'phone

Irvine Side Shorthorns
We are offering just now some very choice Scotch-bred heifers, high-class in type and quality, bred in the purple; also one right nice yearling roan bull.
L.-D. phone. **JOHN WATT & SON, Salem, Ont.**

SHORTHORNS—Records show that cattle bought from the Salem herd won numerous ribbons the past season; we have others. Several young bulls are priced reasonably.
ELORA G. T. R. and C. P. R. **J. A. WATT, SALEM, ONT.**

Stock Watering Troughs



PLENTY WATER. THE RIGHT QUANTITY. Correct Temperature. Prevents Diseases.

Every stock breeder or feeder desiring a complete outfit and wishing to get the best results from a water system, should put in water troughs in each stall, and have these automatically regulated from the main supply tank by a float or valve in a small barrel or tank properly placed. In this way the stock can always have water and astonishing results are attained from animals having sufficient water when wanted, and of proper temperature.

Trough—Inside Dimensions: Length, 16 inches; width 8 1/2 inches; depth, 5 inches; weight about 20 pounds; screw holes at side. Complete trough includes strainer and coupling for 1/4- or 1 in. pipe. Fuller information and prices given on request.

BRUCE AGRICULTURAL WORKS, - Oshawa, Ontario
Teewater, - Oshawa, Ontario

1854 MAPLE LODGE STOCK FARM 1913 Shorthorns and Leicesters

I have a most excellent lot of young rams for sale, mostly sired by imported Connought Royal. Something very choice in young bulls. House one mile from Lucan Crossing, G. T. Ry.

A. W. SMITH, MAPLE LODGE, ONTARIO

Spring Valley Shorthorns

A few of the best young bull prospects we ever had. They will please you. Will sell females too. Visit the herd; we think we can suit you. Particulars on application.

KYLE BROS., R. R. No. 1, Drumbo, Ont.

SHORTHORNS FOR SALE

Three yearling bulls, four big, thick heifers and young cows of choicest breeding, due to freshen soon; all at prices that will surprise you.

Stewart M. Graham, Lindsay, Ont.

THE MANOR SHORTHORNS AND LINCOLNS

Young bulls, also heifers, got by, and cows in calf to one of the good bulls of the breed. In Lincoln, 5 yearling rams and 10 ram lambs by an imported ram. Inspection solicited. **J. T. GIBSON, Denfield, Ont.**

TREASURE VALLEY SHORTHORNS

A number of young cows and 2-year-old heifers in calf, dual purpose type. Two are bred from—Helen's Rose—75864—now entered in Shorthorn R. O. P. test; and has given over 5,000 lbs. milk in 5 months, testing 3.8 per cent.
A. G. SMILLIE, R. R. No. 2, Kippen, Ont.