

What Does Silage Cost?

Acres used and cultivated time and again, and gone over to get the fodder, are the big items in cost.

Nitrate, as Top Dressing worked in when cultivating, will cheapen production.

Bigger, better stalks and bigger ears will result.

Send post card for free book on "Corn Cultivation"

DR. WILLIAM S. MYERS
25 Madison Avenue, New York

Shorthorns

The Breed For You

Shorthorn steers hold the high-price record for a carload on the open market in Canada. They also hold the high-price record for carlots of heavy steers, yearlings and feeders on the American open markets. They are money makers.

Write the Secretary for free publications.

Dominion Shorthorn Breeders' Association

W. A. DRYDEN
President
Brooklin, Ont.

G. E. DAY
Secretary
Box 235,
Guelph, Ont.

English Dual-Purpose Shorthorns

For sale: Bull calves and young bulls. English bred for milk and beef. The right kind to head Canadian herds to increase profits. From very moderate prices and up. English Large, Black Pigs. A great bacon type, long and deep, thrifty. Come or write.

LYNNORE STOCK FARM

F. Wallace Cockshutt
Brantford - Ontario

Clipped Cattle

Udders and flanks of milch cows should be clipped every three or four weeks. Clipping makes it easy to clean parts before milking and insures cleaner milk. Largest dairy companies use Stewart No. 1 Ball Bearing Clipping Machines. Suitable for cows or horses without change. If dealer can't supply you send us his name. Write for catalogue.

CHICAGO FLEXIBLE SHAFT COMPANY
Dept. A 161, 12th St. and Central Ave., Chicago, Illinois

Graham's Shorthorns

Present offering 2 choice bulls sired by the Duke whose dam gave 13,599 lbs. of milk and 474 lbs. of butter fat, R. O. P. test: One dark Red 8 months. The other Roan 13 months. Can also spare a number of females.

Charles Graham, Port Perry, Ont.

FOR SALE

Two Scotch Shorthorn bulls both low down and thick. One is 18 months Kilbrian beauty, from the Marr bred cow Scotch Thistle (imp.), and a seven months English Lady a show proposition. Both are sired by one of the best breeding sons of Right Sort, (imp.).

Arch McKinnon, R.R. No. 1, Erin, Ontario
L. D. Phone

Dual-Purpose Shorthorns

A few young bulls of useful age, will be sold right, also a number of cows and heifers. Can spare a few Dorset yearling ewes and rams.

Valmer Bartlett, R.R. No. 4, Canfield, Ont

Patent Solicitors—Fetherstonhaugh & Co. The old-established firm. Patents everywhere. Head office: Royal Bank Buildings, Toronto. Ottawa Office: 5 Elgin St. Offices throughout Canada. Booklet Free.

Questions and Answers. Miscellaneous.

Guinea Fowl.

Where could I obtain Guinea fowl eggs for hatching? C. P.

Ans.—We do not know of anyone having eggs of this breed of fowl for sale. If you would place an ad. in our "Columns" you would no doubt get in touch with someone having these eggs for sale.

Cooling Eggs in Incubator.

In a recent article we noticed where it was advisable not to give the eggs any ventilation in the incubator until after the ninth day. Does that mean not to turn the eggs until after that time?

A. D.

Ans.—The reference to ventilation was in regard to the use of the ventilator on the incubator. You have probably noticed several openings that may be closed by a tin slide. These should be closed when starting the incubator, and then gradually opened until they are wide open by the time the chicks are coming out.

Line Fence.

1. What is the lawful height for a line fence? If the 48 and 50-inch fences offered for sale are placed near the ground to prevent pigs from rooting under, horses and cattle can jump over.

2. How long are the guinea fowl useful for breeding purposes? B. D.

Ans.—1. In regard to the lawful height for a line fence, it will depend upon the township by-law on the subject. Write the clerk of your municipality for information regarding line fences in your district, as the different municipalities set their own standards.

2. So far as we are aware guinea fowl are useful for breeding purposes for four or five years.

Fertilizer for Roots.

I purpose sowing an acre of mangels and one of turnips on sandy-loam soil. What is the best kind of fertilizer to use? How much should be used per acre and when should such be sown; also, how should it be sown? I manured the ground heavily last year for potatoes and it is in good heart. C. C.

Ans.—Farmyard manure is excellent for putting land for roots in good tilth. A mixture of 130 lbs. nitrate of soda, 400 lbs. acid phosphate, and 120 lbs. muriate of potash is also recommended for the crops above mentioned. Five hundred pounds of this mixture may be used per acre. The fertilizer may be scattered over the ground and worked in, or may be sown in the row at the time the seed is sown, by means of a fertilizer attachment on the drill.

Burning Lime Stone.

1. In some districts farmers built limestone kilns to burn their own lime for building purposes. They dug pits in a bank, with a tunnel in to the bottom. In what way are these pits filled, is there a layer of wood and then a layer of limestone put in, or is the wood all put in the bottom? Do they have to feed the fire with wood through the tunnel. How long would it take to burn a pit of lime 6 feet across and 7 feet deep?

2. What is the measurement of a toise of rough stone? S. G.

Ans.—1. When building a lime pit it is necessary to make an arch in the bottom. This may be done quite easily with the flat limestone. This leaves a fire-place for the wood. The wood is fed in to the kiln through the opening at the bottom. We cannot give the exact time it would take to burn a lime pit of the size mentioned. It will depend on the amount of heat used. The fire should be kept going until there is no hard portion left in the centre of the lump. This might be ascertained by trying a few pieces off the top.

2. It is an old measurement used in France meaning 6.39 English feet.

"You there in overalls," shouted the cross-examining lawyer, "how much are you paid for telling untruths?"

"Less than you are," retorted the witness, "or you'd be in overalls too."

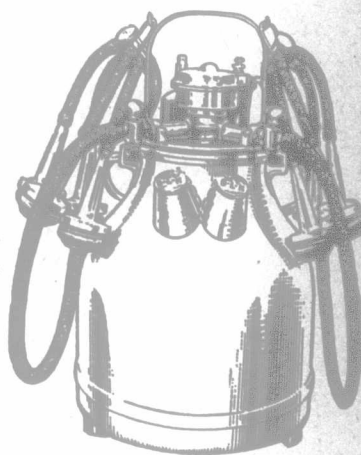
You Pay the Price

When you or your help take the time to milk by hand you are paying the price out of your pocket for the extra time taken to milk the cows. That money, in a surprisingly short time, would pay for a Burrell B.L.K. Milker.

BURRELL B-L-K MILKER

When you install a B.L.K. you immediately begin to save two-thirds of the time it takes to milk your cows. It means one or even two less hired men.

Hundreds of dairymen have installed a B.L.K. to save this extra time and money. Besides, cows are less restive and give more milk when milked with a B.L.K.



Write us to-day for further information and let us show you how easy it is to save time and do cleaner milking with the B.L.K. Milker.

D. Derbyshire Company, Limited
Brockville, Ontario

Unreserved Dispersion Sale Dual-Purpose Shorthorns

THIRTY-EIGHT HEAD

Wednesday, May 14th, 1919

West half of Lot 22, 5th Concession, McKillop, Huron County, two-and-a-half miles north of Seaforth.

In the offering are twenty breeding cows and heifers, twelve calves (six heifers, four bulls, 2 steers), also five fat steers under eighteen months of age. The offering is from such noted sires as Hot Scotch 52696, Royalist 71300, Royal Prince 91567, Huron's Pride 109204, and Royal Bruce 101481. The mature cows are particularly large, typey individuals, and have always been hand-milked. The calves are well-fed. Everything in the sale was bred on the farm.

TERMS—Six months' credit on bankable paper; four per cent. per annum off for cash. Trains met at Seaforth on day of sale. Write for catalogue to

JOS. DORRANCE & SON, R.R. 5, Seaforth, Ont.

Auctioneer: C. W. ROBINSON

Harnelbel Shorthorns

Herd headed by Gainford Supreme, one of the best sons of the Great Gainford Marquis.

FOR SALE

Some choice young cows with calf at foot, also some open heifers and heifers in calf to Gainford Supreme.

We have also for sale some choice young bulls.

Farm one mile from Islington Station.

Samuel Truesdale, Manager, Islington, Ont.
Harry McGee, Proprietor, 61 Forest Hill Rd., Toronto, Ont.

Dual-Purpose Shorthorns

Herd headed by Dominator 106224 whose two nearest dams average 12,112 pounds of milk in a year. Cows in the herd with records up to 13,891 pounds of milk. Cows in calf to Dominator priced to sell. **WELWOOD FARM, Farmer's Advocate London, Ontario**

SPRUCE GLEN FARM SHORTHORNS

Four bulls (thick mellow fellows) from 9 to 13 months—Reds and Roans. Also a few choice heifers and two grade yearling heifers from heavy milkers. Priced to sell.

JAMES MCPHERSON & SONS

DUNDALK, ONTARIO

GRAND VIEW FARM SHORTHORNS

Herd headed by Lord Rosewood = 121676 = and by Proud Lancer (Imp.). Have a few choice bull calves and heifers left, sired by Escanna Favorites, a son of the famous Right Sort (Imp.). **W. G. GERRIE C.P.R. Station on farm. Bell Phone. BELLWOOD, ONTARIO**

Plaster Hill Herd of Dual-Purpose Shorthorns—Established 1861. This herd consists of several large, thick females of good quality, with milk records well up towards 12,000 lbs. Herd sire, Green Leaf Record 96115, a massive, good bull of the best English breeding. Could spare a few females.

ROSS MARTINDALE, R.R. 3, Caledonia, Ont.