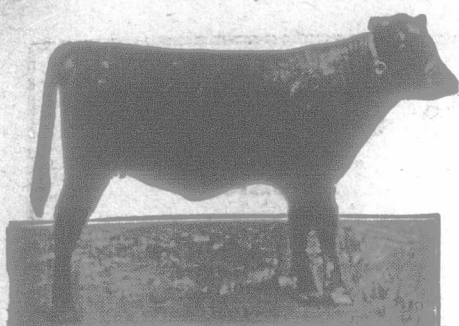




Raised Without Milk!

Her name is "Daisy" and her owner, W. A. Biddle, of Chapin, Iowa, raised her on Blatchford's Calf Meal, which costs less than half as much as milk.

Blatchford's Calf Meal

A useful preventive of scouring. Calves raised "The Blatchford Way" are heavier, bigger-boned and healthier. Known as the complete milk substitute since the year 1876. Sold by your dealer or direct from the manufacturer.

Blatchford's Pig Meal insures rapid, sturdy growth of young pigs at weaning time. Prevents setback.

See Actual Figures—based on results—that show you how to increase your calf profits. Write today.

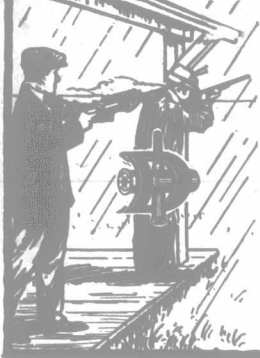
Steele Briggs Seed Co., Dept. 68, Toronto, Ont.

Bad Weather Sport

When rain spoils plans for the day in the bush don't put your shotgun in the rack. No matter where you are or what the weather is there is always a day's sport waiting for you with your

Dominion Hand Trap

Shoot from the porch. Work your trap from the same place. A boy can operate it, yet it does the work of a fixed trap. Always have one on your hunting trips. It will keep stormy days from dragging. Costs only \$4.85.



Send for illustrated booklet.

Dominion Cartridge Company, Limited,

829

Transportation Building, Montreal, 6

Good Luck

COTTON SEED MEAL
CALF MEAL
OIL CAKE MEAL
FLAXSEED GLUTEN MEAL
POULTRY FEEDS
SEED POTATOES
SEED GRAINS

Write for prices.

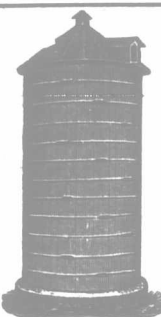
CRAMPSEY & KELLY
Dovercourt Rd., Toronto, Ont.

10-15-20

Years from now the Bissell Silo will be giving good service. It is built of selected timber, treated with wood preservatives, that prevent decay. It has strong, rigid walls, air-tight doors, and hoops of heavy steel.

Therefore it lasts, simply because it can't very well do anything else. Our folder explains more fully—write Dept. W.

T. E. BISSELL CO., LTD
Elora, Ontario



When Building—Specify MILTON BRICK

Smooth, Hard, Clean-Cut.
Write for Booklet.

MILTON PRESSED BRICK COMPANY
Milton, Ontario



MAKE YOUR BIKE A MOTORCYCLE

at a small cost by using our Attach-able outfit. FITS ANY BICYCLE. Easily attached. No special tools required. Write today for our FREE BOOK describing the SHAW Bicycle Motor Attachment. Motorcycles, all makes, new and second-hand, \$35 and up.

SHAW MANUFACTURING CO.
Dept. 70 GALESBURG, KANS., U.S.A.

Seth can not avoid, for the mailman brings them to the door, and Seth does not know whom to blame for sending them.

"I can at least do this much," he says: "I can stay away from the darned lectures."

The mass of new agricultural findings recorded by investigators is banned in advance by Seth. His objections to these scientific discoveries have evidently been prepared in advance to meet obstreperous fellows who have tried to corner him and cram some of their information down his throat. These objections are presented by Seth before the advancing innovation. He considers them an effectual barricade.

1. Is it true?

2. Is it practicable?

3. If true and practicable, is it applicable to established conditions on my farm?

There will always be a great many Seths. They are the touchstone of agricultural science.

Perth Co., Ont. JAS. A. MCCracken.

Preparing for Sowing Roots

EDITOR, THE FARMER'S ADVOCATE:

I have been very much pleased with your paper and the way so many practical subjects are dealt with, and at a time when they should be a great help to a large number of people, and, with your permission, I will send you these few lines on our plan of preparation for growing mangels and turnips.

Our soil is a fairly heavy clay loam, and we arrange to have the manure applied in the fall for this purpose, and the land ribbed or cut and covered just before freezing up time.

In the spring we work the land over frequently with harrows, disk and cultivator, until a week or ten days before we wish to sow either mangels or turnips, and then we drill the ground, throwing fairly deep drills, usually 3 feet apart, especially for mangels. We sow any fertilizer used just ahead of the drill plow. After drilling, we roll the drill, and leave for a week, or until we are ready to sow. Then we take the harrows and give these drills a stroke lengthwise, which pulverizes the surface, takes off any dry crust which may have formed, and at the same time destroys the weeds or any seeds which will have germinated during the week; and this allows the mangel or turnip seed to be sown in a warm, moist soil in which the capillary action has become again established; for this is always broken for a few days by the act of ridging or drilling, and this gives the root seeds the same chance or the advantage of any weed seeds which may still be in the ground. This harrowing of the drills does not level them nearly so much as might be expected, as the ground has become fairly firm on the surface during the week or ten days after rolling.

Having the drills made the proper width to suit the grain seed drill, we can sow two, three or four rows at a time, and it only takes a short time to sow a few acres of roots, and we have found the grain drill very much more convenient and satisfactory than the special root drill for this purpose.

After sowing, if the weather be dry, we use a light roller to firm the ground around the seed, and in a few days we use a weeder or light harrow again on the top of the drills, and by this method, followed now for several years, we have been able to get a quick, clean growth of the plants wanted, reducing the hand hoeing to a minimum. By this plan we have, on different occasions, had both mangels and turnips ready for thinning before those sown on fresh-made drills although sown a week sooner.

Durham Co., Ont. R. E. OSBORNE.

Gossip.

At the Hereford sale of W. J. Davis & Co., of Mississippi, \$511 was obtained as an average, and this marks an advance of nearly \$100 over the average of the last event. W. T. McCray purchased some of the best lots, included among which was the bull, McCray Fairfax, for which he paid \$1,400. The junior champion at the Atlanta Fair, Vernet Prince 28th, went for \$1,000, which was considered a bargain price. No phenomenally high bids were placed, but the average throughout was good.



Give her good silage and she'll give you big PROFITS

YOU cannot expect your cows to produce a large flow of milk if you keep them on dry feed. Give them rich, juicy silage during the winter, when dairy products are bringing the best price, and they will give a large steady flow of milk. The farmer who feeds silage gets the biggest profits because he is using the cheapest and greatest milk producing feed known.

IDEAL GREEN FEED SILOS

will pay for themselves during the first winter used. Any farmer who has fed silage will tell you that a silo is absolutely necessary in order to get profitable results from cows. Silage is just as good for beef cattle and sheep as it is for milk cows.

Only one kind of silage pays and that is GOOD silage. Good silage cannot be produced in a "cheap" make-shift silo. Remember, the crop you put in the silo is worth almost as much as the first cost of the silo. You might save a few dollars on the first cost, by buying a "cheap" silo, but you will lose many times that amount in poor silage.

It would be foolish to put \$160.00 worth of silage into a \$175.00 silo and lose \$75.00 worth of silage simply for the sake of saving a little on the first cost, when by paying \$25.00 more and getting a good silo, you could prevent the loss of \$75.00, not only once, but every year you use the silo.

There are good reasons why the Ideal will preserve the silage better and last longer than other silos. These reasons are fully explained and illustrated in our silo catalogue. Ask for a copy of our catalogue today.

DE LAVAL DAIRY SUPPLY CO., Ltd.

LARGEST MANUFACTURERS OF DAIRY SUPPLIES IN CANADA.
Sole distributors in Canada of the famous De Laval Cream Separators and Alpha Gas Engines. Catalogues of any of our lines mailed upon request.

MONTREAL PETERBORO WINNIPEG VANCOUVER
50,000 BRANCHES AND LOCAL AGENCIES THE WORLD OVER

The Salem Shorthorns

Shorthorn show and breeding bull in existence.

J. A. WATT

are headed by "Gairford Marquis" (imp.) Records prove that he is the greatest

Special offering: Eight bulls from 8 to 15 months.

ELORA, ONT., G.T.R. & C.P.R.

Shorthorns and Clydesdales

Two bulls, serviceable age, both good ones, and are offering females of all ages. Have some choice heifers bred to Clansman

—87809—; also two mares in foal, 3 and 4 years old, and one 2-year-old filly. All from imp. stock.

A. B. & T. W. DOUGLAS, Strathroy, Ont. L.-D. Phone.

Fletcher's Shorthorns

Our herd of pure Scotch Shorthorns (imp.) and from imp. stock, is headed by the show bull Victor Stanford—95959—a winner in Toronto in 1914 and 1915. Former sires, Royal Bruce (imp.)—55038—, Benachie (imp.)—69954— and Joy of Morning (imp.)—32070—. Present offering, 3 choice young Scotch bred bulls, an "Orange Blossom", a "Roan Lady" and a "Mysie"; 3 choice breeding cows and some yearling heifers.

L.-D. Phone, Erin Station, C.P.R.

10 Shorthorn Bulls

and 40 females. Shropshires and Cotswold ewes for sale at prices within the reach of all.

JOHN MILLER, Ashburn, Ont. Myrtle Sta., C.P.R. & G.T.R.

Spruce Glen Shorthorns

When in want of Shorthorns visit our herd. We have 70 head to select from. Minas

Fames, Miss Ramsdens, Florences, Emilys, etc. Many of them one and two-year-old heifers. Also several young bulls of breeding age—level, thick, mellow fellows, and bred just right.

JAMES McPHERSON & SONS, DUNDALK, ONT.

Shorthorns and Shropshires

With 125 head to select from, we can supply young cows in calf, heifers from calves up, and young bulls from 9 to 18 months of age, richly bred and well fleshed. In Shropshires we have a large number of ram and ewe lambs by a

Toronto 1st-prize ram; high-class lot.

Oak Lodge Stock Farm

Shorthorn bull, 20 months old, bred from dam of milk-ing strain. Two bulls, twelve

months old. Will be sold at a price that will please customers.

J. E. BRETHOUR & NEPHEWS, Burford, Ont.

Spring Valley Shorthorns

Herd headed by the two great breeding bulls

(imp.) 73783, and Nonpareil Ramsden 83422. Can supply a few of either sex.

Newton Ringleader

KYLE BROS, Drumbo, Ont. Phone and telegraph via Ayr

Walnut-Grove Shorthorns

Sired by the great sire Trout Creek Wonder and out of imp. cows and their daughters of pure Scotch

breeding and others Scotch topped. For sale are several extra nice young bulls and a few heifers. Let us know your wants.

DUNCAN BROWN & SONS, R.M.D. Sheddon, Ont., P.M., & M.C.R.

Maple Shade Farm Shorthorns

The products of this herd have been in very strong demand. There's a reason.

Can always supply a good young bull at a price which will make him well worth the money. Not many females for sale, but can show a few which should interest you.

Brooklin, G.T.R., C.N.R. Myrtle. C.P.R. W. A. DRYDEN, Maple Shade Farm, Brooklin, Ont

Females SHORTHORNS Females

I can supply females of the most popular Scotch families, Crimson

Flowers, Minas, Lady Fannys, A

few bulls A. J. HOWDEN, COLUMBUS, ONT. Myrtle, C.P.R. & G.T.R. Oshawa, C.N.R.