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Get a Barrie 3-H.P. Engine. It will save you work. Will soon pay for itself. Simple, economical, durable. No trick to operate it. Practically runs itself, requiring no expert at-

tention. Mounted on skid, with Battery Box and all connections made. Everything complete. Just start it going. Send for descriptive booklet, and agency proposition.

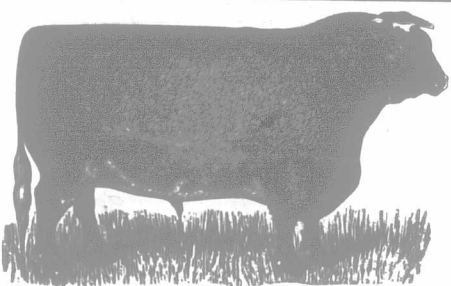
ADDRESS:

**A. R. Williams Machinery Co., Toronto**

ONTARIO DISTRIBUTORS FOR

**Canada Producer & Gas Engine Co., Ltd.**

Barrie, Ontario



**ARTHUR J. HOWDEN & CO.**  
ARE OFFERING

## 15 High-class Scotch Shorthorn Heifers

At moderate prices, including Cruickshank Nonpareils, Cruickshank Villages, Marr Emmas, Cruickshank Duchess of Glosters, Bridesmaids, Bruce Fames, Kinellars, Clarets, Crimson Flowers, and other equally desirable Scotch families, together with a member of the grand old milking Atha tribe, which have also been famous in the showing.

Arthur J. Howden & Co., Columbus, Ont.

## Shorthorns and Clydesdales

PRESENT SPECIAL OFFERING:

Seven choice young Scotch bulls, from 9 to 15 months; 25 cows and heifers of choicest breeding. This lot includes some strong show heifers for the yearling and two-year-old classes. A pair of imported Clyde fillies, two and three years old (bred).

**W. G. PETTIT & SONS, Freeman, Ont.**

Long-distance 'phone.

Burlington Jct. Sta., G. T. R., 1/2 mile from farm.



## SHORTHORNS

Sold out of Bulls. Would be glad to have your inquiries for anything else.

CATALOGUE ON APPLICATION.

**JOHN CLANCY,**  
Manager.

**H. CARGILL & SON, Proprietors,**  
Bruce Co., Cargill, Ont.

**Robert Miller, Stouffville, Ont.,** Can supply young bulls and heifers of the very choicest breeding, and of a very high class, at prices that you can afford to pay. The young bulls are by one of the greatest sons of Whitehall Sultan. They are good colors, and will make show bulls. I also have two good imported bulls at moderate prices and of choice breeding, and some cows and heifers in calf to Superb Sultan: the calves should be worth all the cows will cost. Some beautiful young imported Welsh Ponies still to spare. It will pay you to write, stating what you want. Glad to answer inquiries or show my stock at any time. Business established 74 years.



## ELMHURST SCOTCH SHORTHORNS AND LARGE ENGLISH BERKSHIRES

**H. M. VANDERLIP,** Importer and Breeder, **Calmsville, Ont.** Langford Sta. Brantford & Hamilton Radial in sight of farm. Bell 'phone.

**Pleasant Valley Farm Shorthorns**—Herd headed by Scottish Signet, and consisting of females of the leading Scotch families. Have for sale several good young bulls; also cows and heifers. Correspondence solicited. Inspection invited.

**GEO. AMOS & SONS, MOFFAT, ONTARIO**

Farm 11 miles east of Guelph, C. P. R., half mile from station.

**Scotch Shorthorn Females for Sale**—I am offering, at very reasonable prices, females from one year to five years of age. The youngsters are by my grand old stock bull, Scottish Hero (imp.) = 55042 = (90065), and the older ones have calves at foot by him, or are well gone in calf to him. Their breeding is unexcelled, and there are show animals amongst them. **A. EDWARD MEYER, Box 378, GUELPH, ONT.**

## Springhurst Shorthorns and Clydesdales

I am now offering a number of heifers from 10 months to 3 years of age. Anyone looking for show material should see this lot. They are strictly high-class, and bred on show lines. Also several Clydesdale fillies, imp. sires and dams, from foals 2 years of age off. **Harry Smith, Hay, Ont., Exeter Sta.**



## 1861—IRVINE SIDE SHORTHORNS—1911

One right good yearling bull from imp. sire and dam, a good worker and sure; also a number of richly-bred young cows and heifers in calf or calves at foot. For prices and particulars, address: **Elora Sta., G. T. and C. P. R.**

**J. WATT & SON, SALEM, ONT.**

**Scotch Shorthorns** FOR SALE: 14 blocky, low-down bull calves, from 6 to 11 months old, all from imported stock. 20 yearling and two-year-old heifers of best Scotch breeding; also one imported bull, an extra sire. Farm 1/4 mile from Burlington Jct. Sta. **Mitchell Bros., Burlington, Ont.**



**Elmdale Shorthorns, Shropshires and Clydes** Our Scotch Shorthorns are Clementines, Missies, Mysies and Nonpareils, headed by the great sire of champions, Prince Gloster. Young bulls and females of all ages for sale; high-class in type, breeding and quality. Shropshires, the best breed produces, from imp. stock; also Clydesdales. **THOS. BAKER & SONS, Solina P.O., Oshawa Sta.** Phone connection.

**SALEM SHORTHORNS** Headed by (Imp.) Gainford Marquis, undefeated in Britain as a calf and yearling, and winner of junior championship honors at Toronto, 1911. Have on hand two yearlings and a number of bulls under a year for sale at reasonable prices.

**J. A. WATT, Salem, Ont. Elora Sta, G. T. R. and C. P. R.**

WHEN WRITING ADVERTISERS MENTION THE FARMER'S ADVOCATE.

## QUESTIONS AND ANSWERS. Miscellaneous.

### SALT WITH SILAGE.

We are thinking of putting salt in with the silage this fall. Has it been experimented with or not? **E. M. W.**

Ans.—We have no records of salt being placed in the silo along with the silage at time of filling. We cannot see where any good can follow this practice, and believe that the tendency would be more to injure the silage than to improve it as a feed.

### DEFECTIVE BULL.

Have a Shorthorn bull calf six weeks old that has only one testicle down in the scrotum. Is this liable to make him useless for service? **H. M.**

Ans.—This bull would likely prove of some use as a breeder, and, excepting that there is a tendency of him transmitting the defect to his offspring, there should be no reason why he would not prove a useful sire, provided he is right in all other particulars. This, of course, is an undesirable characteristic in a breeding bull.

### BRUSSELS SPROUTS.

We are trying to grow some Brussels sprouts this year. As it is our first trial, we do not know much about them, so thought I would write for a little help. Should the large leaves be broken off; if so, when? **A. H. R.**

Ans.—Brussels sprouts for ordinary field culture should be set in rows about three feet apart, and eighteen inches to two feet apart in the rows. Cultivate as with cabbage during the growing season. When the sprouts become so large as to crowd in the rows, the leaves should be cut or broken off as close to the stalk as possible in order that the sprouts have more room to develop. A tuft or rosette of leaves only should be left at the top of the stalk.

### LAME HORSE.

I have a horse five years old which is tender in the feet. He is worse when driven on the road for a few consecutive days. When standing, he generally sticks one foot ahead of the other. One foot seems to be affected more than the other. Would blistering help or cure him? Should the whole fetlock be blistered? How often, and at what intervals? Would Caustic Balsam be a good blister to use, or would something cheaper do as well? **H. G.**

Ans.—The symptoms given indicate navicular disease, and it is doubtful whether you can cause a complete recovery. The symptoms can be relieved to some extent by repeated blistering with 2 drams each of cantharides and biniodide of mercury, and mixed with 2 ounces vaseline. Clip the hair off for two inches all around the hoof. Tie so he cannot bite the parts. Rub well with the blister daily for two days. On the third day wash off and apply sweet oil. Let him loose now in a box stall, and oil every day. Repeat the blistering every four weeks for a few months. Caustic Balsam would likely do the work, but the foregoing would be effective.

### HEALTH HINT.

Tattered Tim—"I've been trampin' four years, ma'am, an' it's all 'cause I heard the doctors recommend walkin' as the best exercise."

Mrs. Prim—"Well, the doctors are right. Walk along."

### MOUNTAINOUS.

Miss Henrietta was not a sylph by any means, but she prided herself upon the neatness of her well-rounded figure, and when she appeared on the hotel veranda one summer day with a cluster of white ox-eye daisies pinned against the crisp freshness of her green linen frock, gallant old Colonel Floyd was moved to make her a pretty speech.

"What charming posies!" he remarked, with a Chesterfieldian bow. "They suit you exactly. You look like a Virginia hillside."

He was mystified at the frigidity with which Miss Henrietta received his bit of homage.

# Barn Roofing

Fire, Lightning  
Rust and Storm Proof

Durable and  
Ornamental

Let us know the size of any roof you are thinking of covering, and we will make you an interesting offer.

## Metallic Roofing Co.

Limited

MANUFACTURERS

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## Steel Stable Troughs



While you're fixing up your stables this summer be sure to install our steel, everlasting, stable troughs. Every Farmer and Dairy man knows the great advantages of properly watering their stock—especially cows—in the stable during cold weather. Our steel stable troughs are EASY TO ERECT.

MADE IN SECTIONS, they can be extended to fit any size stable—simple in construction. Nothing to get out of order, always ready for use. We guarantee the quality of the material and take all responsibility—money back if not as represented. Used in the new stables at the Guelph Experimental Farm, etc. Write for catalogue 22. Troughs and Tanks for all purposes.

**STEEL TROUGH CO., Tweed, Ont.**

## Lambton Farm \$10,500

Six miles from Petrolia; 199 acres; good house, cement cellar and foundation; two silos, stable, granary, shed, six producing oil wells, gas engine, natural gas, telephone, rural mail, rich clay loam, large pasturage, about 30 acres clover and alfalfa.

**WREFORD BROWN, Petrolia, Ont.**

**WHY** do the O. A. C. professors advocate the use of drain tile? Because it has been proved that it pays. GET THE BEST. Write for prices on various sizes.

**H. J. KUHN**

CREDITON EAST, - ONTARIO

## Elm Park Aberdeen - Angus

The young bulls we have for sale are sired by: Magnificent, Imp., 2856, champion of Canada, 1910; Prince of Benton, Imp., 828, champion Toronto and Winnipeg, 1903; Lord Val 2nd 888, champion Calgary, Halifax, Sherbrooke Dominion Exhibitions. **Jas. Bowman, Elm Park, Guelph, Ontario. Phone 708.**

**Tweedhill Aberdeen-Angus**—Owing to shortage of winter feed in this locality, I am offering females of all ages at exceptionally low prices. Breeding and quality unexcelled. If you would like anything in this line, write: **JAMES SHARP, Rockside, Ont.** Peel Co. Cheltenham Station, C. P. R. and G. T. R., and Erin, C. P. R.

## ABERDEEN - ANGUS

Will sell both sexes; fair prices. Come and see them before buying. **WALTER HALL, Drumbo station, Washington, Ont.**

**Herefords** POLLED—For sale: A number of fine young bulls, from six months to two years old. Breeding choice. Address: **J. LINDSAY, LIMEHOUSE, ONTARIO.**

**Spruce Lodge Shorthorns and Leicesters.** Offers a choice lot of one- and two-year old heifers, all sired by Imp. Joy of Morning = 32070 =; also Leicesters, rams and ewes, of all ages. **W. A. DOUGLAS, Tuscarora P.O. Brant Co.**