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UNION MADE  
GLOVES and OVERALLS  
*Known from Coast to Coast*  
**R.G. LONG & CO. LIMITED**  
TORONTO ONTARIO

## Scratches and Stocking

—Are prevalent in cold weather irregular work and overfeed induces both. A system tonic and blood purifier, such as

**FLEMING'S TONIC HEAVE REMEDY** will prevent these troubles and when developed, with Fleming's Veterinary Healer, will quickly cure them. Per box, \$1.

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**FLEMING BROS., Chemists**  
75 Church St., Toronto

## Ontario Provincial Sale of Shorthorn Cattle

An Auction Sale of Shorthorn cattle (male and female) under the auspices of the ONTARIO DEPARTMENT OF AGRICULTURE and the management of the GUELPH FAT STOCK CLUB, will be held in the

WINTER FAIR BUILDINGS, GUELPH

on  
**Wednesday, March 7th, 1917**

commencing at one o'clock p.m., at which will be offered about fifty (50) head, carefully selected, good individuals, many of them fashionably bred animals.

For catalogues and further particulars apply to:—

**C. L. NELLES, President** **J. M. DUFF, Secretary,**  
Guelph, Ont.

## GLENFOYLE SHORTHORNS

Seven bulls, big, straight, smooth, fleshy fellows, some from cows milking 40 to 60 lbs. a day. Also a few outstanding heifers that are bred. Three young cows. Prices right. Bell phone.

**Stewart M. Graham, Lindsay, Ont.**

**For Sale—Shorthorn Stock Bull**

Highland Chief = 90443—; also young bulls from 8 to 16 months old, all direct from imp. stock at prices that will please.

**L. K. WEBER, HAWKESVILLE, ONT.**

**Scotch Shorthorns** We are offering five choice young bulls, Roan Lady's and Kilblean Beauty's, sired by Barmpton Sailor, two are fifteen months old; also Yorkshire pigs. Arch'd. McKinnon, R. R. No. 1, Erin, Ont. Hillsburgh or Alton Stn., L.-D. phone.

**Brownlee Shorthorns.** Offers a choice lot of young bulls ranging in ages up to nine months and sired by the Nonpareil bull, Royal Saxon. See these before buying elsewhere. Could also spare a few females. Douglas Brown, Bright, R. R. 4, Avon, G. T. R.

**Shorthorn Bulls** for sale, by Mina Boy 10th, sire of first-prize calf at Guelph. Also one imported Clydesdale stallion. **GEO. B. ARMSTRONG, Teeswater, Ontario** Mildmay, G. T. R.

**Shorthorns** We have some young cows with calf at foot or to calve, by the Augusta bull, Augustine (imp.) = 201804 =. Also 2 red and 3 roan bulls, smooth and fleshy. We invite inspection. **JOHN SENN & SONS, Caledonia, R. R. 3, Haldimand Co., Ont.**

field has been gone over with this plunker or road-drag as you call it, fitting and seeding will require just four operations. First, a two-horse cultivator is run in about the same manner as when growing corn is being cultivated. This stirs the soil between the rows of stubble to a depth of four to six inches, but the stubble is not torn out. Next comes the spring-tooth harrow, crossing the work of the cultivator at an oblique angle, and does very effective work in pulverizing the soil. Some of the stubble is pulled out, but not enough to cause any inconvenience. Then the field is gone over a second time but in an oblique angle to the first, producing such a good condition of tilth that the disk drill completes the job satisfactorily and sows the seed at the same time. Of course, mark you, if this land were a heavy clay it's doubtful if I could get off so easily, but being a sandy loam why not take advantage of every thing that will lessen the labor and at the same time bring down the cost of production."

"Got any figures?" enquired another of the Jonesville deputation, evidently interested. "I don't doubt your word, but I'm just enough of a doubting Thomas to do a little diggin' into it. They say you've got to eat a pudding to prove that it's good."

"You're on," replied Jones. "That's the kind of a question I like, for it shows a man is willing to do a little thinking himself and so give the other fellow a square deal. I've had plenty of critics around here, but they didn't want me to prove anything. They're simply sore if you do a job at all different than grandfather did it. See?"

Referring to a small memorandum, he continued: "Let us take that ten-acre field just across the lane, where I had oats last year. Using the methods I have been describing it took an even four days to put that crop in. According to the regular scale of prices in this locality for man and team labor, the total cost of fitting and sowing was but \$14 or \$14.40 an acre. If the same field had been plowed, allowing \$2 an acre for the plowing, the cost would have been increased to \$34 or \$34.40 an acre. More than that, the plowing would have taken within a fraction of six days plus about the same amount of work that it did get, so there you have a whole working week saved on ten acres alone, besides twenty dollars in hard cash that I don't have to hand over to some fellow as wages. The same principal is applied to all my spring grain crops, which are always sown on land that was in corn the previous year and is perfectly clean."

"If you can reduce the labor necessary to growing a crop, to the lowest possible extent, and at the same time maintain a good average yield you are exercising a powerful influence in helping along the recruiting campaign with a minimum of sacrifice to yourselves."

"I guess that hits me," grinned Dave Smith who had been an attentive listener to Bob's pointed remarks. "There are hundreds of jobs around the farm that might be shortened or pitched overboard altogether. I generally count on needing a couple of hands to get over the work at my place. This year I'm going to try the Jones' brand of philosophy and cut down on the help supply, mainly because I've got to. By the way, I calculate it won't hurt us fellows to mix a little 'grey matter' with what elbow-grease we can get. There's where we're rusty fellows."

A hearty "you bet, Dave" came the response to this declaration of policy. Jonesville had awakened.

AGRICOLA.

## Gossip

**Shorthorn Cattle and Oxford Down Sheep.**

Anyone interested in Shorthorn cattle or Oxford Down sheep should not fail to get particulars regarding W. J. Abernethy's sale, near Bradford, on March 9. Some choice Shorthorn females descended from the Duthie-bred cow, Collynie Mistletoe, are in the offering, while younger cows from these dams and by Scottish Crown will be sold. There are eight bulls being offered. Several Clydesdale mares, and 22 pure-bred Oxford Down ewes with the stock ram will go to the highest bidder. Catalogues are ready. Write to Mr. Abernethy at Beeton, R. R. 1, Ont. See the advertisement elsewhere in this issue.



## More or Fuller Cans

Those who use Royal Purple Stock Specific secure from 3 to 5 pounds more milk from each cow per day. Figure the increase on even a small herd. It will pay you to feed Royal Purple to your cows, and steers can be fattened a month earlier by its use.

## Royal Purple Stock Specific

is a digester, tonic, an animal conditioner. It aids digestion and assimilation and enables

stock to get the maximum amount of good from the food eaten. Greater gains are secured from less grain, and the cost of the Royal Purple fed is very trifling. It will improve the condition of the worst, most run-down animal on your farm.

If you have a poor, miserable, run-down, hide-bound horse in your possession, try it on him first and be convinced.

Royal Purple Stock Specific is put up in 50c. packages and \$1.50 and \$5.00 tins.

**W. A. Jenkins Mfg. Co., Ltd.**  
London, Canada

## FREE BOOK

Write for FREE 80-page booklet on the common diseases of stock and poultry and our other products. It tells how to raise calves without milk, also how to build hen-houses.

## A CLEARING-OUT SALE OF THE ENTIRE HERD OF SHORTHORNS

Owned by W. J. Abernethy will be held at the farm near Bradford,

**Friday, March 9th, 1917**

Although numbering less than 30 head, this is one of the best little Shorthorn herds in Ontario. The foundation cows are large and smooth and nearly all excellent milkers. Many are choice bred Missies, descended from the Duthie-bred cow, Collynie Mistletoe Imp. The younger cows are from these dams and by Scottish Crown, by Ben Lomond.

There are 8 bulls (including calves) by the present sire, Lavender Premier. Many of the females will be calving around sale time to this bull. Everything, including the herd bull, will be sold.

SEVERAL CLYDESDALE MARES, 22 PURE-BRED OXFORD EWES and the STOCK RAM will also be in the offering.

CATALOGUES READY FEBRUARY 20TH.

TERMS OF SALE: Cattle, grain and pigs will be cash. 9 months' credit will be allowed on horses, sheep and implements to those furnishing approved notes.

Trains will be met at Beeton, C. P. R., Bradford, G. T. R. and Schomberg (York Radial) on day of sale.

Implements, Grade Cattle, Hay and Grain will be sold in forenoon.

**W. J. Abernethy, Prop., R. R. No. 1, Beeton, Ont.**  
Auctioneers, J. K. McEwen & Son

## Shorthorns, Shrops., Clydes.

**Wm. D. Dyer, R. No. 3, Oshawa, Ont.**

Brooklin, G. T. R. and C. N. R., Myrtle, C. P. R.

If you want a good young bull, a promising stallion colt, or a young cow or heifer of Scotch breeding and beef type, having dams eligible or good enough for R.O.P. Come, see, and satisfy yourself and please the owner. Prices reasonable, that they may be sold. Visitors welcome.

## Maplewood Farm Shorthorns and Lincolns

Present offering—10 young bulls, ranging in age from 7 to 18 months. Most of them are of the most fashionable Scotch breeding, others of the dual-purpose. All are priced to sell. Also a number of ram lambs. Woodslee Station, M. C. R. L.-D. phone. **GORDON SMITH, WOODSLEE, ONT.**

## Oakland Shorthorns

**John Elder & Sons, Hensall, Ont.**

Fifty-eight to select from. Twenty breeding cows and as many choice heifers, many of them bred; also a lot of choice bulls from 9 to 16 months old. The grand roan bull, Crown Jewel 42nd, heads this dual-purpose registered herd. No big prices.

## Spruce Glen Shorthorns

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.

When in want of Shorthorns visit our herd. We have 70 head to select from. Minas, Fames, Miss Ramsdens, Florences, etc. Also several young bulls of breeding age.

**James McPherson & Sons, Dundalk, Ont.**

## Young Bulls

Myrtle Station—C. P. R. and G. T. R.

of serviceable age. Young cows with calves by their side and re-bred. Heifers well on in calf. A few good Shropshire ewes bred to good rams. A nice bunch of ewe lambs.

**JOHN MILLER, Ashburn, Ontario**

## Pleasant Valley Herds

Inspection invited. Farm 11 miles east of Guelph, C. P. R., 1/2 mile from station.

For sale: Several good young bulls, reds and roans, of the very best breeding, also females of all ages; all the leading families represented; 100 head to select from.

**Geo. Amos & Sons, Moffat, Ont.**

## Imported Shorthorns

**J. A. & H. M. Pettit, Freeman, Ont.**

40 more imported Shorthorns have arrived home from quarantine. We now have 18 heifers in calf, and 100 cows with calves at foot, also a few good imported bulls. They are all good individuals, and represent the choicest breeding. We can meet visitors at Burlington Jct. at any time if notified.

## The Manor Stock Farm SHORTHORNS

Bulls all sold, except the four listed in the London Sale, March 28—a Rosemary, a Wimple, a Mina and a Julia.

**John T. Gibson, Denfield, Ont.**