

scientific investigation is a very little good. It seems to be to report, be careful to keep everything out of the disease out of this it is new animals be d, or if they are, should be given that with contagious also draw our cor- to a long article appeared in our on page 1697, and of Contagious a lengthy article, to repeat it here, situation about as it done at any one of the lead- the United States, a subject which attention of all our many work.

lin. of your paper, then me upon the time ago I copied recipe for treating potatoes for scab. Hyde and the other explain the differ- as I am told, but must con- I. K.

favor the term man formaldehyde. claim that they at the present same thing. The d is the strength should be a 40- the aldehyde in a great deal of object in the past. advised our read- which, if it is d be up to the t is always safer. However, if you length, no matter t chooses to call t. If you get the t formalin.

p. OLSTEIN SALE. assignment sale of Olstein Breeders old Commercial city of Brant- January 26, sale of the Brant rs, held one year success, both to hasers, that the ouraged to make and on this occa- of 60 head, 55 quality of which e fact that this unior and senior t Toronto last all at the late r of the cows to rds, two of them one of the heifers as is also one veral are daugh- Ormsby, a full by, two-year-old is also a half- nerges Ormsby. ccession made a only cow in the l others are in prize, Lakeview d, whose breed- away up at the hters of King out of a 26.67- the great bull. Pontiacs. Sev-

Canary Trenti- 28-lb. cow, and tertie, with ten hers are in calf ndyke, a son of ke, and out of will be daugh- rs in calf to, half-brother to mentioned above, Pietertje Har- a 34.60-lb. cow. P. Sager, St.

## THE BEST LINIMENT

OR PAIN KILLER FOR THE HUMAN BODY

### Gombault's Caustic Balsam

IT HAS NO EQUAL

For the Human Body  
—It is penetrating, soothing and healing, and for all Old Sores, Bruises, or Wounds, Felsons, Extremities, Corns, Blisters, Bunions, etc. GOMBALT'S BALSAM has no equal as a Liniment.

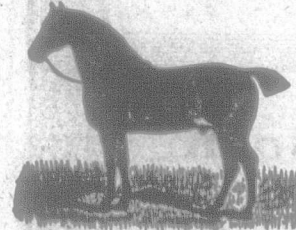
We would say to all who buy it that it does not contain a particle of poisonous substance and therefore no harm can result from its external use. Persistent, thorough use will cure many old or chronic ailments and it can be used on any case that requires no outward application with perfect safety.

A Perfectly Safe and Reliable Remedy for  
Sore Throat  
Chest Cold  
Backache  
Neuralgia  
Sprains  
Strains  
Lumbago  
Diphtheria  
Sore Lungs  
Rheumatism  
and all Stiff Joints

REMOVES THE SORENESS—STRENGTHENS MUSCLES  
Cornhill, Tex.—"One bottle Gombault's Balsam did my rheumatism more good than \$120.00 paid in doctor's bills."  
OTTO A. BETER.  
Price \$1.00 per bottle. Sold by druggists, or sent by express prepaid. Write for Booklet B.  
THE LAWRENCE-WILLIAMS COMPANY, Toronto, Can.

### Dr. Page's English Spavin Cure

Cures the lameness from Bone-Spavins, Side-Bones, Ringbones, Curbs, Splints, etc., and absorbs the bunched, does not kill the hair, absorbs the Capped Hock, Bog-spavins, thick pastern joints, cures lameness in tendons, most powerful absorbent known, guaranteed, or money refunded. Mailed to any address, price \$1.00. Canadian Agents: J. A. JOHNSTON & CO., Druggists, 171 King St., East Toronto, Ont.



**MAKE YOUR BIKE A MOTORCYCLE**  
at a small cost by using our Attachable 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, Kansas.

**For Sale or Exchange**—A beautiful French Coach Stallion, well broken to harness. A chestnut 7 year old, sound and sure. Would like to exchange a small house and lot in Collingwood worth about \$1,000 for a good stallion, any breed.

**Henry M. Douglas**  
Central Hotel, Elmvale, Ontario  
Formerly at Staynor and Meaford

**FOR SALE**  
**Champion Hackney Filly**  
Nellie Performer, No. 1629; bay; foaled 1914. Winner at London, Guelph and Toronto, and winner of Gold Medal and Championship. Ottawa, 1915.  
Brunwood Model, No. 726, Hackney Stallion, foaled 1913; chestnut, white markings. Show horse anywhere. Prices very reasonable.  
**CHAS. OSIER, Cairo, Ont.**

**FOR SALE**  
**Imported Percheron Stallion**  
Dark grey, 7 years old. Sound and sure.  
**GEO. KEYS, Box 47, Wolfe Island, Ont.**

**For Sale**—Clydesdale Stallion, registered, sired by Lord March, out of Pomona Matron, No. 33676. Black, 4 white stockings and blaze. An exceptionally well built and promising horse. Price reasonable. Further particulars from  
**Pomona Farm, Cobourg, Ontario**

**CONSOLATION.**  
Visitor—"It's a terrible war, this, young man—a terrible war."  
Mike (badly wounded)—"Tis that, sor—a terrible war. But 'tis better than no war at all."—Punch.

**HERITAGE.**  
Tommy I—"That's a top-hole pipe, Jerry. Where d'ye get it?"  
Tommy II—"One of them German Olans tried to take me prisoner an' I in'erited it from 'im."—Vanity Fair.

## Questions and Answers. Miscellaneous.

### Quittor.

I have a horse with what they call quittor in his fore foot. Can it be cured? Perhaps you could give a cure for it. I have not seen your correspondent, "Whip," mention it. J. G.  
Ans.—Pare the sole of the foot down until the seat of irritation is reached. This will allow pus to escape at the bottom. A little hydrogen peroxide or other good disinfectant should be injected into the sinus from above twice daily for two or three days. Poultice the foot with warm linseed meal until lameness disappears.

### Elevators for Cuttingbox.

I would like to know if there is a cutting-box for filling silos, with elevators for conveying the corn from the cutting-box up into the silo. Instead of a blower or carriers, as I think such elevators as are used in grain elevating would give good satisfaction, and would require much less power, if there are such in use?  
R. T.

Ans.—There are such cutting-boxes manufactured, with elevators, for filling silos. Two firms which formerly advertised these with us are the Exeter Mfg. Co., Exeter, Ont., and the Peter Hamilton Mfg. Co., Peterboro, Ont.

### No Test for In-Calf Cows.

I think some of my cows will not calve in the spring. Can I tell now by the taste of the milk which cows will calve and which will not? What is the difference in the taste of the milk?  
FARMER.

Ans.—We have never heard the contention that a cow's pregnancy could be proven or disproven by the taste of her milk. Such a belief is quite absurd. Watch the cows carefully, and, where practicable, it is sometimes advisable to turn the male animal in the yard with them for a very short time each day. If they are not pregnant, and are being well fed, they should show regular periods of oestrus.

### Permanent Pasture.

I want to seed a field with oats for a permanent pasture next spring. We have it plowed now, an old alfalfa and bluegrass sod, and would like to use it for pasture for some years, so please advise what kind of grass seed to use.  
W. M.

Ans.—It is not generally considered the best practice to seed down land, which has been plowed out of sod, the first year. However, if you choose to do so, you might try, if the land is fairly high, orchard grass, 5 lbs.; meadow fescue, 5 lbs.; tall oat grass, 2 lbs.; meadow fescue, 2 lbs.; alfalfa, 5 lbs.; white clover, 3 lbs.; red clover, 1 lb., per acre. This will make a heavy and rather expensive seeding, but it is one which, if a good catch is procured, will stand for many years.

### Frothy Cream.

I have a cow from which I have been separating the milk and making butter, but just now I have failed to get butter no matter how long I may churn. The cream becomes frothy, but will not break into butter. The cow is five months gone with calf.  
A. G. T.

Ans.—There are many causes of difficulty with churning. Some of these were outlined in our issue of Dec. 2, page 1884, in an article entitled "The Season of Difficult Churning." As a remedy for the frothiness, we would suggest pasteurization. As soon as sufficient cream has been collected for one churning, and while still sweet, set the cream vessel into hot water at a temperature of 180 degrees. Stir the cream until it reaches a temperature of 160 degrees, and allow it to stand at that temperature for ten minutes. Then cool to between 60 and 70 degrees by setting the cream in cold water, then add for each gallon of cream about one-half pint of good-flavored sour skim milk or buttermilk. Stir this well into the cream and allow to stand in a warm place for twenty hours, when it should be ripe and ready for churning. Try churning at a temperature of from 64 to 68 degrees F.

## The Great Canadian Annual Sale of

# Scotch Shorthorns

Will be held at the Union Stock Yards, Toronto, Ont., on  
**Wednesday, Feb. 2nd, 1916**

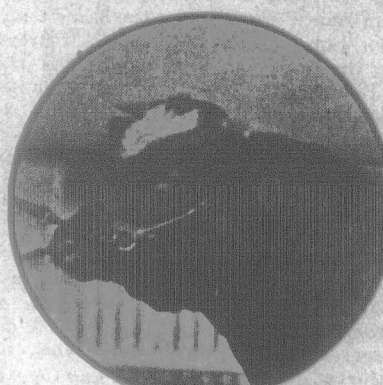
When there will be sold BY AUCTION, without reserve, 65 Shorthorns of the best type and most fashionable breeding. About 30 bulls and 35 young cows and heifers from four of the leading herds in Canada. The bulls are selected to make great sires, many of them great show bulls. The females will furnish show material and breeding cows, to add strength to any herd. Many of them have already won prizes at our biggest shows.

Nearly all the very best Scotch families are represented, and the sale will afford the best opportunity of the year to buy the kind of Shorthorns that are valuable and getting harder to find every day.

J. A. Watt, Elora, Ont.; John Miller, Jr., Ashburn, Ont.; Kyle Bros., Drumbo, Ont., and Robert Miller, Stouffville, Ont., are the consignors. Write

**Robert Miller, Stouffville, Ont., for Catalogue**

## BULLS ON HAND TO OFFER FROM \$125.00 UP



Field Marshall = 100215 =, first senior calf at Toronto and London, 1915.

1. Sylvan Power = 95871 =, white, calved Feb. 9, '14  
2. Lily Fragrance = 101651 =, red, Sept. 3, '14  
3. Sweet Fragrance (imp.) = 83494 =  
4. Lily Fragrance (imp.) = 101651 =, red, Sept. 3, '14  
5. Spring Tide = 101651 =, red, little white, May 2, '15  
6. Victoria 75 = 101651 =, red, little white, May 2, '15  
7. Victoria Lady = 101651 =, red, little white, May 2, '15  
8. Princess Victoria (imp.) = 83494 =  
9. Conqueror = 101651 =, red, little white, May 2, '15  
10. Victoria 75 = 101651 =, red, little white, May 2, '15  
11. Princess Victoria (imp.) = 83494 =  
12. Victoria Lady = 101651 =, red, little white, May 2, '15  
13. Princess Victoria (imp.) = 83494 =  
14. Victoria 75 = 101651 =, red, little white, May 2, '15  
15. Princess Victoria (imp.) = 83494 =  
16. Victoria Lady = 101651 =, red, little white, May 2, '15  
17. Princess Victoria (imp.) = 83494 =  
18. Victoria 75 = 101651 =, red, little white, May 2, '15  
19. Princess Victoria (imp.) = 83494 =  
20. Victoria Lady = 101651 =, red, little white, May 2, '15  
21. Princess Victoria (imp.) = 83494 =  
22. Victoria 75 = 101651 =, red, little white, May 2, '15  
23. Princess Victoria (imp.) = 83494 =  
24. Victoria Lady = 101651 =, red, little white, May 2, '15  
25. Princess Victoria (imp.) = 83494 =  
26. Victoria 75 = 101651 =, red, little white, May 2, '15  
27. Princess Victoria (imp.) = 83494 =  
28. Victoria Lady = 101651 =, red, little white, May 2, '15  
29. Princess Victoria (imp.) = 83494 =  
30. Victoria 75 = 101651 =, red, little white, May 2, '15  
31. Princess Victoria (imp.) = 83494 =  
32. Victoria Lady = 101651 =, red, little white, May 2, '15  
33. Princess Victoria (imp.) = 83494 =  
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36. Victoria Lady = 101651 =, red, little white, May 2, '15  
37. Princess Victoria (imp.) = 83494 =  
38. Victoria 75 = 101651 =, red, little white, May 2, '15  
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41. Princess Victoria (imp.) = 83494 =  
42. Victoria 75 = 101651 =, red, little white, May 2, '15  
43. Princess Victoria (imp.) = 83494 =  
44. Victoria Lady = 101651 =, red, little white, May 2, '15  
45. Princess Victoria (imp.) = 83494 =  
46. Victoria 75 = 101651 =, red, little white, May 2, '15  
47. Princess Victoria (imp.) = 83494 =  
48. Victoria Lady = 101651 =, red, little white, May 2, '15  
49. Princess Victoria (imp.) = 83494 =  
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59. Princess Victoria (imp.) = 83494 =  
60. Victoria Lady = 101651 =, red, little white, May 2, '15  
61. Princess Victoria (imp.) = 83494 =  
62. Victoria 75 = 101651 =, red, little white, May 2, '15  
63. Princess Victoria (imp.) = 83494 =  
64. Victoria Lady = 101651 =, red, little white, May 2, '15  
65. Princess Victoria (imp.) = 83494 =

## 20 IMPORTED BULLS

These imported bulls, along with 10 home bred bulls may now be seen at our farms. There are some choice ones among them. We also imported four cows and a heifer, all of which are forward in calf. An invitation is extended to anyone interested in this class of stock to visit us at any time. Correspondence will receive our most careful attention.

**Burlington Jct. G. T. R.**  
Burlington phone or telegraph.

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

## SHORTHORNS AND CLYDESDALES

10 Bulls serviceable age, all good ones (some herd headers) and are offering females of all ages. Have a choice lot of heifers bred to Clansman = 87809 =; also four choice fillies all from imported stock.  
**A. B. & T. W. DOUGLAS**  
Lonsdale Phone  
STRAITHROY, ONTARIO

## PLEASANT VALLEY FARM SHORTHORNS

Your opportunity to buy a good shorthorn bull as a herd header or to raise better steers is right now. We have ten good ones for either purpose by imp. Loyal Scot, also several cows and heifers. Write us (before buying) **GEO. AMOS & SONS**, Moffat Station, Ont., C.P.R. (11 miles east of Guelph).

## The Salem Shorthorns

**J. A. WATT, ELORA, ONT.**

## Spring Valley Shorthorns

—Herd headed by the two great breeding bulls, Newton Ringleader (imp.) 73783, and Nonpareil Ramsden 83422. Can supply a few of either sex.  
**KYLE BROS., Drumbo, Ont.** Phone and telegraph via Arr.

**Oakland—67 Shorthorns** (milk strains). Present offering is 10 choice bulls from 8 to 16 months old; also many fine heifers and young cows, nearly all sired by one of Ontario's best bulls (still at head of herd). Good cattle and no big prices. Write your wants to  
**JNO. ELDER & SONS, Hensall, Ont.**

## SHORTHORNS OF SHOW-RING QUALITY

We have this year the best lot of young bulls we ever bred from the famous sire, Mildreds Royal, Sr. Calves, Matchless and Emmeline, they are all of show-ring calibre.  
**GEO GIER & SON.**  
**R.M.D. WALDEMAR, ONT., P.O. AND STATION**

### H. SMITH

### HAY P. O., ONT.

**21 SHORTHORN BULLS** and as many heifers for sale. Write your wants. You know the Harry Smith Standard.

## SHORTHORNS and SHROPSHIRE

With 125 head to select from, we can supply young cows in calf, heifers from calves up and young bulls from 9 to 18 mos. of age, richly bred and well fleshed. In Shropshires we have a large number of ram and ewe lambs by a Toronto J (prize ram, a high-class lot).