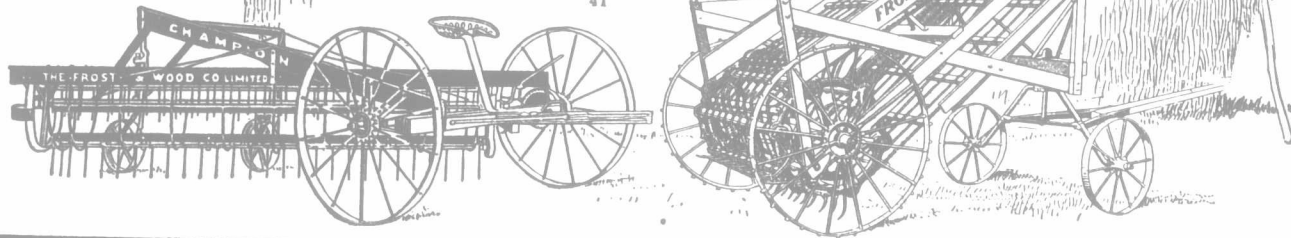


Frost & Wood Co. Limited

Do A Bigger Day's Work With Champion Side Delivery Rake and Champion Hay Loader

Sulky rakes are all right as far as they go, but you can do a far bigger day's work in the hay field by using the "Champion" Side Delivery Rake and the "Champion" Hay Loader. The Side Delivery Rake shakes up the hay so it will be in best condition for curing and leaves it in a continuous windrow ready for the "Champion" Hay Loader. This machine then follows along and loads the hay just as fast as you please—two tons in ten minutes. Just let us send you catalogue F 41 so you can see for yourself how much you require these machines.

Frost & Wood Co., Limited
Smith's Falls - Canada



Shorthorns

FOR SALE! Several choice Canadian-bred bulls ready for service; also a good imp. two-year-old bull, of the Braith Bud family. A number of cows and heifers of different ages of right type and quality. Write or call on
H. J. DAVIS,
Woodstock, Ontario.
Long-distance Bell phone. C. P. R., G. T. R. main lines.

Willow Bank Stock Farm
SHORTHORNS AND LEICESTERS.
Herd established 1855; flock, 1248. The great Dutch-bred bull, Imp. Joy of Morning = 32079, and the Missie bull, Royal Star = 72502, heads my herd. Choice selections to offer at all times in both bulls and females.
JAMES DOUGLAS, CALEDONIA, ONTARIO

HAWTHORN HERD

OF DUAL-PURPOSE
Shorthorns
15 heifers, 6 bulls present offering; bred right; priced right. Come early and get a choice.
WM. GRAINGER & SON, London, Ont.

SHORTHORN BULLS

I have some choice young bulls, from imp. sire and dams. Good ones at reasonable rates. Come and see them. Prices right. Also some choice heifers.
J. Brydone,
MILVERTON, ONTARIO.
G. T. R. and C. P. R. Station.

GEO. AMOS & SONS

MOFFAT, ONTARIO.
Herd headed by Lancaster Floral, by Old Lancaster (Imp.), Scotland's Crown, by Ben. Lomond (Imp.) and Waverly, by Mildred Royal. Write, or come and see us. **White Wyandotte Eggs**, good strains, \$1.50 per 15.

Farm 11 Miles East of Guelph C. P. R.

SHORTHORNS
Choice young bulls and heifers, dark roans and reds. One white bull calf at a bargain. Dams all from a milking strain. A few **Shropshire** ewe lambs. Write for prices.
JOHN RACEY, Lennoxville, Que.

SHORTHORNS BERKSHIRES
One choice young Lady Fanny bull for sale—good herd header; also several young heifers. A few prize-winning Berkshires, both sexes. Write or come and see them. Prices moderate. **ISRAEL GROFF, ELMIRA, ONTARIO.**

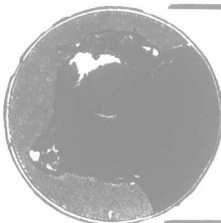
Bud's Emblem = 63860 = (284905) A. H. B.
First-prize aged bull C. N. E., 1909, by that famous champion and sire of champions, Old Lancaster, imp. = 50068, heads the Old Meldrum herd of SHORTHORNS, near Guelph. **A. F. & G. Auld, Eden Mills P. O., Ont.**

Shorthorns and Leicesters. For sale: a number of 1 and 2 year-old heifers. All got by imp. sires, and out of grand milking dams. And Leicester rams and ewes of all ages. **W. A. Douglas, Tuscarora, Ont., Caledonia Station.**

A BOON TO FARMERS
—a fence that won't break, and a post that won't rot.
Standard Woven Wire Fence
Is heavy steel wire, well galvanized, and locked with the "Tie That Binds"—our exclusive invention, which being an oval loop allows a long bend in the running wires.
STANDARD STEEL FENCE POST is No. 12 gauge steel, bent at right angle, and punched so that the fence is held secure without staples.
Lots of fence facts in our book that you ought to know. Write for free copy and sample lock.
The Standard Wire Fence Co. of Woodstock Limited, Woodstock, Ont. and Brandon, Man. 15

Caldwell's Meal

No stockman or dairyman should be without it. With the meal forming part of the daily food, your stock will rapidly take on flesh and grow glossy coats; from coughs and colds—worms will be eradicated; your sheep will give more and better milk, and your animals will get the full benefit of all the nutriment contained in the entire feed. Costs nothing extra to use, as it is substituted for an equal quantity of ordinary food. A ton will last 20 cows a month. Price, freight prepaid, \$34 per ton. Manufactured by
A. C. CALDWELL, East Toronto, Ont.



30 HEIFERS AND 29 BULLS

PRESENT OFFERING.
Bred right, made right and at prices to make you feel right. Come early and get your choice. List of these, with catalogue, will be mailed to those who ask for them.
H. CARGILL & SON, CARGILL, ONT.

Maple Hall Shorthorns

Are bred on most fashionable Scotch lines, and are of high-class individuality. For sale are 6 young bulls from 6 to 10 months of age. A low, thick, sappy lot. Also 10 yearlings and 10 two-year-old heifers. Show material in this lot. Telephone connection.
DAVID BIRRELL & SON, GREENWOOD P. O., ONT., CLAREMONT STATION.



Choice Scotch Shorthorns

We are offering several very choice heifers: **Duchess of Glosters, High-class** show heifers among them. Also a few extra good young bulls.
S. F. Johnston & Son, Ashburn P. O., Myrtle Station.

ROWAN HILL SHORTHORNS

I am offering 5 young bulls of choice breeding and color, all sired by the champion bull, Royal Chief 65495.
R. F. Duncan, Carluke P. O., Ont.

SALEM SHORTHORNS!

Young bulls and heifers, sired by the great show and breeding bull, Jilt Victor (imp.) at **J. A. WATT, SALEM, Long-distance Telephone.**



VALLEY HOME SHORTHORNS AND BERKSHIRES

If you want a first class Shorthorn bull or heifer come and see what we have, or if you want a show animal with a choice pedigree we have them. For description of herd see Xmas Number of The Farmer's Advocate, on last page. **S. J. PEARSON, SON & CO., MEADOWVALE, ONT., P. O. AND STATION, C. P. R.**

QUESTIONS AND ANSWERS. Miscellaneous.

PERMANENT PASTURE.

What kind of grass seed would you advise me to sow on a high field for permanent pasture, to be sown with a nurse crop? The land is clay loam, and not too rich, having grown peas in 1909.
Perth Co., Ont.

W. A. V.
Ans.—Try the Zavitz mixture, modified by the inclusion of an extra amount of alfalfa seed, in place of a corresponding weight of the other seeds. His mixture is: Orchard grass, 4 pounds; meadow fescue, 4 pounds; tall oat grass, 3 pounds; timothy, 2 pounds; meadow foxtail, 2 pounds; alfalfa, 5 pounds; alsike clover, 2 pounds; white clover, 2 pounds. We would add to the above, 5 pounds more alfalfa seed, and, of the whole mixture, sow 24 pounds per acre. For nurse crop, use not over a bushel of barley per acre.

DARK-NOSED SHORTHORNS.

I would like if you, or someone who understands Shorthorn cattle, would explain why a black, or grayish-black nose, will sometimes appear amongst the very best of the breed. A gentleman told me if a beast had a black nose, it could not be pure-bred. I thought he was mistaken, but could not explain why.
J. W. H.

Ans.—While a dark nose is an undesirable feature in Shorthorns, it is not a disqualification for registration in the Herdbook, and is not evidence of impure breeding. It is supposed to be an accident, which, fortunately, does not often occur. Dark noses occasionally occurred in the celebrated Bates tribes, which commanded the highest prices ever realized for Shorthorns in the history of the breed.

GOSSIP.

Chas. E. Rodgers, Rochester, Ont., ordering a change in his advertisement, offers for sale choice young Jersey bulls, sired by Brampton's Blucher, winner of first prize in Toronto and Winnipeg, a son of the Toronto champion, Brampton's Monarch, and of the deep-milking cow, Una Messina. In Chester White pigs, he has for sale young stock, three to four months old, which, owing to having a number of sows due to farrow in this and next month, will be sold at special prices. Mr. Rodgers reports an active demand for Chesters, and has sold most of the young sows in farrow that he can spare.

O. Sorby, Guelph, Ont., writes: I have sold to Charles Creech, of Pine River, Ont., the imported two-year-old Clydesdale stallion, Duke of Queensberry. This colt is full of size and quality, combined with a No. 1 pedigree, and he will mature into a horse a ton in weight. He should leave the kind of draft horses that bring the very top prices. The imported Hackney stallion, Scotch Hazel, goes to Atermann & Ballagh, of Elkhon, Michigan. Scotch Hazel is a typical Hackney, full of size and quality, and can go very fast and high, and his pedigree traces to the very best of the Hackney race. He won second prize at Toronto the year he was imported, and third prize at the recent Stockbreeders' Show at Guelph, in a very strong class. He has also won numerous first prizes at local shows. Warwick Princess also goes to Michigan, to Mr. Atermann. She is a beautiful filly, by Warwick Model, and out of the prize-winning mare, Brentwood Lily, by the twice champion Hackney at London, England, Diplomatist.

TRADE TOPIC.

On another page will be found the advertisement of Blackie Bros., agents for Campbell's, Manchester, England. This firm offer to the fruit-grower, no matter if he be in a small or large way, preparations which, they claim, are not only thoroughly reliable, but have the endorsement of the leading growers and agricultural colleges throughout Canada. With these preparations, spraying becomes as child's play. Write for their booklet on "How to Make Fruit-growing Profitable." A post card from you will bring this valuable information.