

DREADNAUGHT TWO-PIECE STEEL HAMES



FOR HARD ROUGH WORK THEY STAND PRE-EMINENT

There is no load too heavy or strain too great for these all-steel hames. Two-piece, doubly reinforced at points of greatest strain.

15% Stronger Than Any Other Hame Draft studs, forged steel. Rings electrically welded—will not break; will not buckle or bend, anti-rust treated.

Write for Our Descriptive Folder

We can furnish low tops and high tops; light hames and heavy hames in all kinds of finishes and designs for every hame requirement. DEALERS: Write for our dealer proposition and selling helps.

McKINNON DASH COMPANY
Dept. D. St. Catharines, Ontario, Canada

Flintstone Farm

Breeders of—

Milking Shorthorn Cattle
Belgian Draft Horses
Berkshire Swine
Rhode Island Red Poultry

Our winnings at the Eastern States Exposition speak for the type of our animals—
Our official production Records are equally superior—

The great size of our herds offers unusual opportunities for selection—

We would like to send you our catalogues and production records—

Dalton
Massachusetts

Dual-Purpose Shorthorns

Herd headed by Dominator No. 106224

whose grandam on his mother's side has an R. O. P. record of 13,535 lbs. milk, testing 3.99, and whose dam has an R. O. P. record of 10,689 lbs. milk, testing 3.88. Cows, heifers and young bulls for sale; some of the latter are out of cows in the herd which have given between 10,000 and 11,000 lbs. of milk each in one lactation period.

WELLDWOOD FARM
FARMER'S ADVOCATE, LONDON, ONTARIO

FOR SALE

Two Dual-Purpose Shorthorn Bulls

One two-year-old. Dam, officially tested gave as a four-year-old, 11,498 lbs. milk and 434 lbs. butter fat. One year-old, whose dam as a three-year-old also officially tested, gave 8,057 lbs. milk and 340 lbs. butter fat in 296 days.

D. Z. GIBSON Caledonia, Ont.

Mardella Shorthorns

Dual-purpose bulls, 20 young cows and heifers—bred, some calves by side. Size, type, quality; some full of Scotch. The great massive Duke—dam gave 13,599 lbs. milk, 474 lbs. butter-fat—at the head.

Thomas Graham, Port Perry, R. 3, Ont.

Glenfoyle Dual - Purpose Shorthorns

Herd bull College Duke 4th, 95430, big, thick young cows and heifers for sale; 8 young bulls, some herd headers. Also a yearling Clyde, stallion

STEWART M. GRAHAM, LINDSAY, ONT.

Evergreen Hill R. O. P. Shorthorns

Offering sons of St. Clare 84598 R.O.P. No. 5, who sired the 1917 champion fat steer at Toronto Exhibition. Also offering Berkshires 2 months old.

S. W. Jackson, R.R. No. 4, Woodstock, Ont.

Gossip.

Richardson Shorthorns at Columbus.

There is no better evidence of the worth of an aged bull than that which can be seen in the get of the good old sire, Proud Monarch, in the herd of Richardson Bros. of Columbus, Ont. Proud Monarch is a Brawith Bud-bred bull by Blood Royal (imp.), and came to the Richardson herd only three years ago, but one needs only to glance over the score or more young things now in the stables by this noted bull to know that he is easily one of the country's best breeding sires. The 1916, 1917 and 1918 calves are all by him and among the 1917 calves are a half dozen choice young bulls, almost any one of which will make a sire worthy of a place in any herd. Next in service and the sire to which the daughters of the senior sire are being bred is the young imported bull, Ardlethen Clarence, a Marr-Clara two-year-old that should have exceptional promise when crossed with Messrs. Richardson's excellent heifers. In summing up the breeding herd it is also pleasing to note the splendid pedigrees attached to each of the good breeding matrons throughout the herd. There are three Duchesses of Glsters all of the true thick stamp, and each with a bull calf at foot by the senior sire. The Wedding Gifts are also three in number to which are added a couple of extra good heifers freshening this spring with their first calves. The Rosemarys and Crimson Flowers are each represented by two, the Marr Missies by three, the Rosebuds by one, and the Louisas by two, making in all a herd of 65 head from which there are offered at present as nice a lot of young two and three year heifers as we have seen priced for sale for some time, to say nothing of the bulls mentioned.

Questions and Answers. Miscellaneous.

Self Feeder for Hogs.

Can you give me the plan of a self-feeder for hogs? What feed do you recommend for pigs of 100 lbs. to be put on pasture? Do you recommend tankage? A. F.

Ans.—The plan and description of a self-feeder for hogs was published in the January 17 issue of the Farmer's Advocate. Oats and barley make very good hog feed. Shorts may be used to advantage. We would advise feeding roots to growing hogs. Tankage has been found to give good results, especially where skim milk is not available.

Farming on Shares.

What is the customary way to work a farm on shares, the owner having the plowing all done and furnishing the seed? 2. How should alsike clover be taken off on shares? 3. What will clean black silk poplin? E. G.

Ans.—1. There are a number of ways of renting a farm on shares, depending on the nature of farming, the quality of the soil, and the amount of material furnished by the owner. In working farms on shares, the apportionment of expenses borne and proceeds received by the tenant commonly runs from one-third to forty per cent.; thirty-five per cent. being a fair average. This would be where the owner would furnish the land, buildings, live stock and implements. He would receive sixty-five per cent. of the proceeds and pay sixty-five per cent. of taxes, repairs, etc. Where the tenant furnishes implements, live stock, and does all the work, except furnishing the seed, the apportionment would be on more of an equal basis.

2. In harvesting the clover on shares, it is advisable to work on a cash basis for labor, etc. The amount which each should receive will depend on the stand of clover or the yield of seed, consequently it is very difficult to give a division that would be equitable under all conditions.

3. If the silk is only slightly soiled, soap bark may be used satisfactorily. The directions for using same are usually on the package. If badly soiled, gasoline should be used, but if so, care would have to be taken to keep it away from fire.

The Feed for Hungry Calves

Conserve the milk and help the nation. You do not need to feed milk to your calves if you use Royal Purple Calf Meal. It is a perfect substitute for milk. It is partially cooked, and the pure ingredients are so combined that the meal will not injure or derange the digestive organs of even the youngest calf. If you want rapid development and healthy calves, feed



Royal Purple Calf Meal

Let the following unsolicited testimonial letters convince you of the sterling qualities of our calf meal.

John D. Hamilton, Port Hope, Ont., writes: "I have used Royal Purple Calf Meal and find it perfectly satisfactory, and I am recommending to my friends. I might add that I find no trouble with the calves scouring while using this meal. I have tried many other calf meals, but never found one that proved satisfactory until I got Royal Purple."

S. M. Osborne, Maxwell, Ont., writes: "We have a pretty good calf which is now four months old and weighs 400 lbs. I think your calf meal is fine. I have never fed anything that will make a calf grow as fast as this meal." Order Royal Purple from your feedman. It is sold in 25, 50 and 100-lb. bags.

W. A. Jenkins Mfg. Co., Limited
London, Canada

Springhurst Scotch Shorthorns

Four Bull Calves Fit for Service, a choice lot of thick, well-grown fellows, just the right age for heavy service. One is by our present sire, Volunteer, another is by the great sire Blaney Stone, while a third is by the Roan Lady bull, Refiner. If looking for a herd sire, write about these.

Harry Smith, (Exeter Station, Huron Co.,) Hay P.O., Ontario

SALEM SHORTHORNS

Herd headed by Gainford Marquis (Imp.), undefeated in England and Canada. Sire of the winning group at Canadian National, 1914, 1915, 1916. Can supply cattle, both sexes, at all times. J. A. WATT, ELORA, ONTARIO

Robert Miller, Stouffville, Ont.

still has a few Shorthorn bulls, fit for service, and some females that are as good as can be found for the man that wants to start right in Scotch Shorthorns. They will be sold for a low price, considering the quality, and the freight will be paid.

Write for anything in Shorthorns One hour from Toronto

Imported SCOTCH SHORTHORNS

Our present offering includes 100 imported females and 12 young imported bulls, representing the most desirable lines of breeding. If interested come and see them. Burlington Jct., G.T.R. is only half mile from farm. J. A. & H. M. PETTIT, FREEMAN, ONTARIO.

OAKLAND 60 SHORTHORNS

Present offering is 7 bulls from 10 to 20 months of age; also a few cows with calves at foot, all choicely bred dual-purpose animals, and priced below their value. Crown Jewel 42nd still heads this herd. JOHN ELDER & SONS, HENSALL, ONTARIO.

Blairgowrie Shorthorns and Shropshires

20 imported cattle, cows and heifers; all have calves at foot or are in calf to British service. Bulls for breeders wanting herd headers. Also home-bred bulls and females. Prices right. Rams and ewes in any numbers. JOHN MILLER, Myrtle Station, C. P. R., G. T. R. ASHBURN, ONTARIO.

SPRING VALLEY SHORTHORNS

Herd of seventy head, straight Scotch, good individuals. Headed by the great show and breeding bull, Sea Gem's Pride 96365, and Nonpareil Ramsden 83422. We have for sale four as good young bulls as we ever had, and a few females. KYLE BROS., Drumbo, Ont. (Phone and telegraph via Ayr.)

FIFTY IMPORTED SHORTHORNS

I have fifty head of newly imported Shorthorns (42 females, 8 bulls) which are acknowledged to be one of the strongest lots that have left Britain this season. You should see these if you are wanting something choice. George Isaac, (All Railroads; Bell Phone) Cobourg, Ontario.

PLEASANT VALLEY FARMS

Herd headed by (Imp.) Newton Grand Champion and Belmont Beau. We have for sale a goodly number of real good young bulls that will suit the most exacting; also females. Inspection invited. Geo. Amos & Sons C. P. R., 11 miles east of Guelph Moffat, Ontario.

FAIRVIEW SHORTHORNS AND CLYDESDALES

In Shorthorns we can offer you a choice, from 60 head, including both bulls and females, of Lavender, Missie, Augusta, Duchess of Glaston, Village Girl, Miss Ramsden and Clara breeding—the best of cattle and the best of pedigrees. In Clydesdales, write for our list of winnings at Toronto, London and Guelph 1917 shows, Canadian-bred classes. We also have a nice offering in Shropshires.

ROBERT DUFF & SONS Myrtle Station, C.P.R., and G.T.R. MYRTLE, ONTARIO

A.G. Farrow, Oakville--SHORTHORNS

Herd headed by Proud Lancer (Imp.) and Pride of Escana, a great son of the great Right Sort Imp. I have a few bull calves of the better sort. Three imported ones left. Prices right. Farm one mile from station. Trains every couple of hours each way.

SHORTHORNS CLYDESDALES

Will price 4 richly-bred Lavender heifers, 5 to 27 months, oldest one due to calf to Lochiel (Imp.). Still have stallion rising 2 years old, rich in Blood's Pride blood; size and quality combined; gelding price. Wm. D. Dyer, R.R. No. 3, Oshawa, Ont. 4 1/2 miles to Brooklin, C.N.R., or Myrtle, C.P.R. 2 1/2 miles to Brooklin, G.T.R.

ENGLISH DUAL-PURPOSE SHORTHORNS

My present offering, 50 dual-purpose bulls, all from imported stock, bred for milk through many generations. Price of the first and best of the lot. F. WALLACE COCKSHILL, LYNMORE STOCK FARM, BRANTFORD, ONTARIO

MAPLE HALL SHORTHORNS

One Crickbank Duke 95430, 7 yearling bulls: All pure Scotch, in Extra good blood. One Shepherd Rosemary. D. BIRRELL & SON, CLAREMONT, ONT.

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