

A Quality Combination

THE International 8-16 Kerosene Tractor is a tractor of character and personality. The first note of appeal is the graceful, trim design, the general compactness and the good balance of the tractor, with just the right distribution of weight on the front trucks and drive wheels. The next thing that strikes you is the absence of exposed working parts; everything is enclosed as protection against the grinding action of dust and dirt.

And you are impressed by the flexible range of the drawbar, making it possible to pull a harrow, plow, binder or wagon with equal advantage and by the convenient pulley so placed

that the tractor can be backed into the belt in a hurry, with no chance for the belt to drag on the ground or rub against any part of the tractor. Coming down now to more technical but nevertheless very important details—there is the throttle governor that regulates the fuel to the load; removable cylinder sleeves in the engine so that if a cylinder should become scored through the use of poor lubricating oil, for instance, a new lining can be put in at once, renewing the cylinder; centralized auto-type control, making this tractor as easy to handle as an automobile.

These are only a few of the desirable characteristics of the **International 8-16 Kerosene Tractor**. The catalog that we have ready to mail you will give you the rest. Or, see your International agent and examine his sample 8-16 for yourself.

INTERNATIONAL HARVESTER COMPANY OF CANADA, Ltd.

Eastern Branches:
Hamilton, London, Ottawa, Ont.; Montreal, Quebec, Que.; St. John, N. B.

Maple Shade Farm

Imported Shropshire ewes served by best imported rams, very desirable for foundation flocks.

W. A. DRYDEN

Brooklin - - - Ontario

Shropshire Yearling Ewes bred to Bibby's 84 (imp.) ram and two Clydesdale stallions.

W. H. PUGH, Myrtle Station, Ont.

YORKSHIRES

Pigs of different ages, both sexes, from large litters.

WELWOOD FARM

Farmer's Advocate, London, Ontario

Berkshires—Boars ready for service and boar pigs, rich in the blood of Lord Premier's Successor 161500, Grand Champion, 1914, Champion Sire of 1915, 1916, 1917. His descendants have won Grand Champion honors at the largest and strongest shows of 1919. The Champion Berkshire barrows of 1918 International were double grandsons of Lord Premier's Successor. We have shipped many Berkshires to Canada with satisfaction to customers. Prices on request.

HOOD FARM, INC., Lowell, Mass.

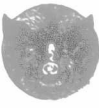
Berkshires—At the great Smithfield Show, London, England, in December, the Berkshires won the Grand Championship for fairs, and made the remarkable showing in the four classes sixteen pigs being pure-bred except one. We have over eighty head of splendid stock. Come and see them, or send for our breeding list.

J. B. PEARSON, Manager.

CREDIT GRANGE FARM, Meadowvale, Ont.

Inverurie Tamworths—Sows carrying second litters for March farrow, a few choice 200-lb. boars, gilts bred for April farrow; a splendid lot, either sex, 3 to 5 months old. Wee lads and lassies just weaned.

L. Hadden, Box 264, Sunderland, Ont.



ELMHURST LARGE ENGLISH BERKSHIRES
From our recent importation of sows, together with the stock boar, Sudden Torredor, we can supply select breeding stock, all ages. Satisfaction and safe delivery guaranteed.
H. M. VANDERLIP, Breeder and Importer, R. R. 1, BRANTFORD, ONTARIO
Langford Station on Brantford and Hamilton Radial.

Sunnyside Chester Whites and Dorsets—In Chester Whites, both sexes, any age, bred from our champions. In Dorset ram and ewe lambs, by our Toronto and Ottawa champions, and out of Toronto, London and Guelph winners.

W. E. Wright & Son, Guelph, Ont.

Prospect Hill Berkshires—Young stock, either sex, for sale, from our imported headed by our stock boar, Ringleader. Terms and prices right.

JOHN WEIR & SON, R. R. 1, Paris, Ont.

When writing advertisers will you kindly mention The Farmer's Advocate.

Questions and Answers. Miscellaneous.

Mail Carrier.

Is a rural mail carrier allowed to carry and deliver along his route any article of any kind except the mail?
Ans.—We understand that he is not.

Scaly Legs.

What is a cure for scaly legs in fowl?
Ans.—Soften the scales by soaking in warm soapy water, then remove them so far as possible by the use of a nail brush. Apply sulphur ointment, or kerosene and kerosene.

Polled Herefords.

Our neighbor purchased a bull which he says is a Polled Hereford. I would like to know if there is such a breed of cattle.
J. J. M.

Ans.—Yes, there are a number of large herds of this breed, and prices across the line are high.

Material for Wall.

How many barrels of cement and how many cords of gravel will it take for a barn 36 by 70 feet, 8 feet high and 12 inches thick? Also, for a root cellar under the driveway, 11 by 16 feet.
R. W.

Ans.—It will require approximately 16 cords of gravel and 65 barrels of cement.

Lightning Protection.

Which is the better from every standpoint as protection against lightning, steel shingles alone, or wood shingles with lightning rods?
G. G.

Ans.—A building with a metal roof should have conductor wires from each corner to the ground; with lightning rods, protection will be afforded, but they, too, must be grounded.

Material for Wall.

How many cubic yards of gravel and barrels of cement will be required to build a wall under a barn 36 by 80 by 9 feet, the wall to be 12 inches thick? Should the wall be reinforced?
A. A.

Ans.—It will require approximately 80 cubic yards of gravel and 65 barrels of cement. It might be advisable to use wire or angle iron to reinforce the wall.

Price of Seeds.

What is the price of alfalfa seed at present? How many pounds are there to a bushel? Where is the best market?
A. S.

Ans.—Alfalfa is quoted at various prices, according to the quality. Number 1 Canadian seed is quoted by some firms at 70 cents a pound. There are 60 pounds to the bushel. The seed firms handle considerable of this seed.

Willing Property.

A father has three sons, and one has remained on the farm all his life. The father wishes to leave all his property to this son. Can the other sons break the will and secure their share?
E. A. C.

Ans.—If the father makes a will, which is duly witnessed, the other boys are not in a position to have it annulled unless they can prove that their father was not responsible for his actions at the time the will was made.

Sliding Hay Rack.

How much material is required to make a sliding hay rack?
W. K.

Ans.—For a 16-foot rack, one would require two 2 by 8 sills 16 feet long. It would be necessary to have four cross pieces 8 feet long, then it would require sufficient inch and a half lumber to cover the bottom, and six pieces 5 inches wide and 16 feet long for the sides. A track could be made on which to run the sliding table. The table would require three 2 by 4's and about 64 feet of inch lumber. A very convenient way is to have the cross pieces about 3 inches below the top of the sills, and then the sills are used for a track for the sliding part of the rack. Two iron axles the width of the wagon and four flange pulleys would be needed. It would be necessary to put uprights to form a ladder in the front of the sliding portion, and it is not absolutely necessary to have any ladder at the back. A combined sliding hay rack, stock rack and wagon box is on the market.