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Book tells all the facts—shows many photos and letters from owners—tells all about the many Hercules features. We'll also quote you a special money-saving price proposition that will interest you. Address
Hercules Mfg Co. 1136 2nd St., Centerville, Iowa



Alloway Lodge Stock Farm

Aberdeen-Angus Cattle, Southdown Sheep Collie Dogs.

Some right good young Angus bulls and heifers for sale.
ROBT. McEWEN, - - BYRON, ONT.
Near London

Sheep, Swine and Seed Corn—Young stock of both sexes in Dorset Horn and Shropshire sheep, and in Swine; Poland Chinas, Duroc Jerseys, Berkshires and Chester Whites. Also Seed Corn, all varieties. Consult me before buying. Cecil Stobbs, Leamington, Ont. Phone 284. M.C.R., P.M. and Electric Ry.

Tower Farm Oxfords—A choice lot of ram and ewe lambs, sired by Hamptonian, No. 279, imported prizewinner at the Royal; also a few yearling rams and ewes.
EPHRAIM BARBOUR, Erin, Ont.

OXFORD DOWN SHEEP

Shorthorn Cattle, Yorkshire Hogs—Present offering: Lambs of either sex. For prices, etc. Write to John Cousins & Sons "Buena Vista Farm," - - Harriston, Ont.

Maple Grove Yorkshires 200 Head

Are as good as the best, because they combine the bloods of the following noted sires:—M. G. Champion 20102, Champion boar at Toronto, 1906; S. H. Jack, Imp. 28515, Champion boar at Toronto, 1908, 1909, 1910; and S. H. Romeo 27th, 24653, is the peer of them all.

Our brood sows, in view of the above, could not but be of a very high class, combining great size, true type, and easy feeding qualities. For Sale—20 sows in farrow, 10 hours fit for use. A grand lot of young stock. Write us today.

H. S. McDIARMID, - - FINGAL, P.O., ONT.
Shedden Station, L.-D. Phone via St. Thomas

Am offering choice young stock in
Poland China and Chester White
and **Shorthorns**, many are winners and the produce of winners at Canada's best shows. Prices moderate. Geo. G. Gould, R.R. 4, Essex, Ont.

Pine Grove Yorkshires—Bred from prize-winning stock of England and Canada. Have a choice lot of young pigs of both sexes, puts not akin, to offer at reasonable prices. Guaranteed satisfaction. JOSEPH FEATHERSTON & SON, Streetsville, Ont.

TAMWORTHS

Boars ready for service. Sows and pigs of all ages for sale, registered. Write for prices before buying elsewhere.
John W. Todd, R. R. No. 1, Corinth, Ontario

Morrison Tamworths and Shorthorns
Bred from the prize-winning herds of England. A choice lot of young boars fit for service and also young sows bred, and also a choice lot of young bulls and heifers sired by Proud Loyalist (Imp.); from choice cows. Chas. Currie, Morrison, Ont.

Cloverdale Large English Berkshires
Sows bred, others ready to breed; boars ready for service: 200 from six to twelve weeks old, both sexes, pairs not akin. All breeding stock Imp. or from Imp. stock. Prices reasonable.
C. J. LANG, Hampton, Ont. R. R. No. 1

CHESTER WHITE SWINE
For Sale—High class sows from 9 to 18 months of age bred to farrow in March. Also my stock boar Nimble Sam, 21 months old, a right good hog. Another 6 months old. JOHN POLLARD, Norwich, Ont. R. R. No. 4

BERKSHIRES FOR SALE
Registered boars and sows weaned, straight and thrifty, from prize-winning stock on other side at Toronto, London and Guelph White shows, 1913, \$10 each. Ira Nichols, Box 988, Woodstock, Ont.

Please mention "The Farmer's Advocate."

Questions and Answers. Miscellaneous.

Veterinary Book.

1. Tell me where I could get the veterinary book that you recommended in your columns recently. The price of the book was \$5, postpaid, through your office; also all particulars about it.

2. Will you tell me what is the matter with a mare whose symptoms are the same as in a question asked this week in your paper, signed T. H., but the mare has not got worms? R. P.

Ans.—1. The book may be had through this office.
2. It is impossible to diagnose without further symptoms.

Pedigree Astray.

A and B are both subscribers of your paper. A sold two pure-bred heifers to B, for which B was to receive pedigrees for same. A made pedigrees out in C's name by mistake on A's part, and sent them to C, but C claims he never received them. Can B compel A to send new certificate made out in B's name, or will B have to accept duplicate of C's pedigrees? A. J. C.

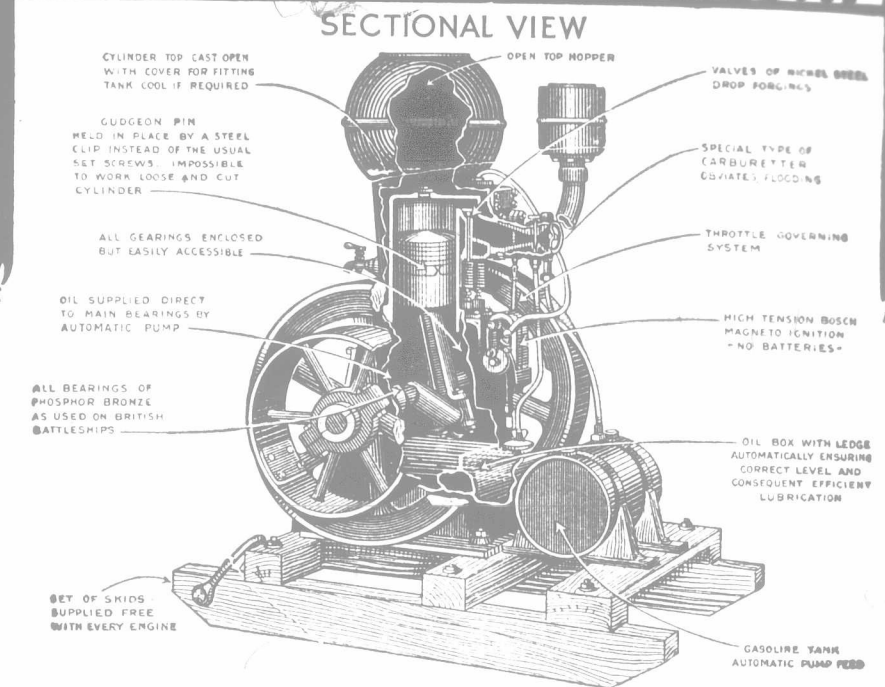
Ans.—First, recover letter sent with pedigrees to C. Then write the Accountant, National Live-stock Records, Ottawa, for information as to what to do.

A Home-made Power Sprayer.

I have met quite a number of fruit farmers who, like myself, are at present using a hand spraying outfit, but who would like to use a power outfit if it could be procured at a reasonable price. The power outfits cost from \$300 up, which is quite a large investment, and the engine is often useless for other purposes. I intend, if I can manage it, to set up one for myself. I would get a small gasoline engine, say, 1½ h.p. or less, a tank of 150 gallons with an agitator, a pump for two leads of hose, and a jack. The information I and others need is how best to assemble such an outfit for use on a farm truck; how best to connect the agitator with the pump so as to make it automatic, and what connection with the engine is best—belt, gear, or sprocket chain. The engine would be the only piece that need ever be removed from the frame, except for cleaning. It would also be nice to have the pump equipped so that it might fill the tank from a water-hole or cistern itself. A diagram or illustrations showing how all this could be managed by the farmer himself, would, I am sure, be useful to many, and it appears to me that it all might be done at a cost of \$100 to \$150. If you think this is of sufficient interest to your fruit-growing subscribers, you might have someone demonstrate the matter in your journal, to the excellence of which I would like to add my own tribute. R. B. K.

Ans.—When power sprayers were becoming common, growers often did as you suggest—they assembled their outfit. However, any power sprayer gives considerable trouble, and they cannot be put together or assembled too efficiently. In the first place, to carry two leads of hose, a 1½ h.p. engine is too small. We would advise buying nothing less than 2½ h.p. A smaller engine is sure to give trouble sooner or later, as they are not powerful enough to supply two lines of hose. They are best connected by a jack and gear rather than by a belt or chain drive. The agitator should consist of a shaft fastened to the jack and entering the tank near the bottom, and, of course, at that end near the engine, rather than have it move backwards and forwards across the bottom. There should be two or three fans on the end of the shaft which revolves. In this way the liquid is thoroughly stirred, and the power required to drive it much less than where the old-fashioned kind of agitator is used. We would advise you strongly to first inform yourself as to the actual cost of the assembled outfit, and then compare it with one you might buy complete. There will at first be a small difference in the actual cash outlay, but when you consider the efficiency of the different machines you will probably at last decide in favor of the outfit as manufactured by the leading manufacturing concerns. Information from anyone having had experience with such an outfit would be appreciated and given room in these columns.

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Labor saving, money saving and time saving features found in no other engine.

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58-60 Stewart Street, TORONTO, ONT.

Branches at Winnipeg, Man., and 82 Water St., St. John, N. B.

Farnham Farm Oxford Downs

"The Oldest Established Flock in America"

We are making a Special Offer for 30 days of 50 fine registered yearling ewes, bred to our imported ram to lamb in April. Also 50 ram lambs amongst them, a lot of big, strong fellows for flock-headers. Also a few nice ewe lambs, and a few good Hampshire ram lambs C.P.R. Guelph and Arkell. Phone: Guelph, 240 ring 2. G.T.R., Guelph St. and Telegraph
Henry Arkell & Son, Route 2, Guelph, Ontario

Shropshires and Cotswolds

I have now for sale 30 extra large, well covered shearing rams, 100 shearing ewes and a very fine lot of lambs from my JOHN MILLER, R.R. No. 2, CLAREMONT, ONT. Claremont Station, C.P.R., 3 miles Pickering Station, G.T.R., 7 miles. Greenburn Station, C.N.R., 4 miles

Newcastle Tamworths, Shorthorns and Clydesdales—For sale at once: Two choice sows bred and ready to breed; choice lot of pigs nearly ready to wean; all from the choicest stock on both sides; 3 choice young bulls 10 to 12 months old; several heifers bred to my present stock bull, Broadlands; all from splendid milking dams. One registered 3-year-old filly; 1 5-year-old and a 12-year-old brood mare; all of splendid quality; prices right. A. A. Colwill, Newcastle, Ont. L.-D. Phone

Large White Yorkshires

Have a choice lot of sows in pig. Boars ready for service and young pigs of both sexes supplied not akin at reasonable prices. All breeding stock imported or from imported stock from the best British herds. Write or call. H. J. Davis, Woodstock, Ont. Long-Distance Phone C.P.R. and G.T.R.

THE SPRUCEDALE STOCK FARM
Yorkshires and Berkshires of all ages, bred from show stock. Prices right for immediate sale.
A. WATSON & SONS R.R. No. 1 ST. THOMAS, ONT.
Phone Fingal Via St. Thomas

DUROC JERSEY SWINE, JERSEY CATTLE

In Duroc Jerseys we have either sex of any desired age, bred from winners and champions for generations back. In Jerseys we have young cows in calf, and young bulls, high in quality and high in producing blood.
MAC. CAMPBELL & SON NORTHWOOD, ONTARIO

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

Canada's Champion Herd of Registered Hampshire Swine

This herd has won over 90% of all prizes offered for the breed at leading Ontario Fairs. Write for particulars and prices.
HASTINGS BROS. Telephone CROSSHILL, ONT.

Sunnybrook Yorkshires

If you want good herd sires or dams, write or come and see those bred from Eldon Duke, who won five champion ships at Toronto and Ottawa exhibitions, 1913 and 1914, and junior champion sow. Pairs supplied not akin. Stock guaranteed as represented.
WM. MANNING & SONS, Woodville Ont.

Woodburn Stock Farms

We are offering for immediate sale: 25 choice boars ready for service, 25 young sows bred. These are of first quality from our prize-winning herd.
E. BRIEN & SONS, Proprietors RIDGETOWN, ONTARIO



BERKSHIRES

My Berkshires for many years have won the leading prizes at Toronto, London and Guelph Highcleres and Sallys the best strain of the breed, both sexes, any age.
ADAM THOMPSON, R.R. No. 1, STRATFORD, ONT.
SHAKESPEARE STATION, G.T.R.