

## Summer Hill Oxfords



The Sheep for the Producer, Butcher and Consumer.

**Our Oxfords Hold an Unbeaten Record for America.**

We have at present a choice offering of yearling ewes and rams, as well as a lot of good ram and ewe lambs—the choicest selection of flock-heads and breeding stock we have ever offered.

## PETER ARKELL &amp; SONS

R. R. No. 1 Teeswater, Ontario  
H. C. Arkell W. J. Arkell F. S. Arkell

## Increase Your Wool Clip

Shear with a machine, and not only get 15% more wool the first season, but leave a smooth, even stubble that grows more wool the next year. You lose money by shearing with hand shears. Machine shearing is easier and doesn't scar the sheep. Get a Stewart No. 9 Ball Bearing Shearing Machine. Soon pays for itself. If dealer can't supply you send us his name. Write for catalogue.

CHICAGO FLEXIBLE SHAFT COMPANY  
Dept. B 761, 12th St. and Central Avenue, Chicago, Ill.

## SHROPSHIRE SHEEP

Breeding ewes of Kellogg and Campbell breeding; bred to lamb in March and April, also ram and ewe lambs. C. H. SCOTT, Hampton, P. O. Oshawa, Station, all Railways. Bell 'Phone.

## FOR SALE

Shropshire ewe lambs and young ewes, two Clydesdale Stallions, four Shorthorn bulls.  
W. H. Pugh - Myrtle Station, Ont.

Shropshires and Cotswolds—A lot of young ewes in lamb to imp. ram, and ewe lambs, good size and quality, at reasonable prices.  
JOHN MILLER, Claremont, Ont.

## Boar for Sale

Pedigree Yorkshire, Oak Park  
King No. 2—50330  
Farrowed 1915. In good breeding condition; has proved a good sire. For price and particulars apply to

Manager, Southern Ontario Land Co., Ltd.  
Wheatley, Ontario

## Yorkshires

We are now booking orders for our spring pigs. Write for prices.

## WELWOOD FARM

Farmer's Advocate, London, Ontario

## TAMWORTHS

Boars ready for service—a choice lot to select from; also young sows bred for spring farrow. Write:  
JOHN W. TODD, R.R. No. 1, Corinth, Ont.

## FOR SALE

Litter of Pure-bred YORKSHIRE PIGS. Apply  
E. GOFF PENNY  
P.O. Box 1635 Montreal

## Inverugie Tamworths

Still to the fore, w' a bonny bunch o' gilts, bred ready to breed; a few weaned laddies. Ca' in as ye're passin' or write me a bit note. Leslie Hadden, Pefferlaw, Ont., R.R. No. 2.

**Champion Duroc Jerseys**—Herd headed by two champion boars: Campbell 46, 3941, Toronto and London champion, 1916, 1917; Brookwater Ontario Principal 9735 (imported), champion Toronto and London, 1918. Write, or come and see my herd. Satisfaction guaranteed.  
CULBERT MALOTT, R.R. 3, Wheatley, Ont.

**Sunnyside Chester Whites and Dorsets.** In Chester Whites both sexes, any age, bred from our champions. In Dorsets ram and ewe lambs by our Toronto and Ottawa champions, and out of Toronto, London and Guelph winners.  
W. E. Wright & Son, Glanworth, Ont.

## Lakeview Yorkshires

If you want a blood sow or a stock boar of the greatest strain of the breed (Cinderella), bred from prize-winning generations back, write me.  
JOHN DICK - PORT CREDIT, ONT.

Questions and Answers.  
Miscellaneous.

## Vermin on Cat.

I have a pet cat that is not well. He scratches himself a good deal around his head. What treatment would you suggest?  
J. F.

Ans.—It is possible that the cat is suffering from the attacks of vermin. Giving it a thorough washing in kerosene emulsion, or in soap suds to which a little coal oil has been added, should bring relief.

## Lump in Teat.

I have a fresh cow that has a lump in each of her hind teats. What is the cause, and what treatment would you advise?  
F. J. B.

Ans.—If the lump is not too far up in the teat a veterinarian might operate successfully. The cause of such lumps forming is more or less obscure. They may be caused by an injury. If the lumps are very far up in the teat it might be advisable to dry the cow and fatten her.

## Bull Not Sure.

I have a pure-bred herd sire rising two years old. During the past three months he has not proven sure. He is in good condition and is fed on hay and chopped oats. Would you advise keeping him any longer?  
M. W.

Ans.—As a few cows get in calf, it is possible that the sterility is due to too high condition. Give him plenty of exercise. There is a possibility that he may be diseased. If this is the case, it would be better to get rid of him, however, if such were the case it is not likely that he would stop any cows. If he is a valuable animal treatment should be applied for a time at least before sending him to the block. Reduce his flesh and wash out the sheath with a weak disinfectant solution. Also wash out the cow and apply the disinfectant over the hind quarters.

## Pasture Crop.

1. What is a good mixture to sow in the orchard to provide pasture for young calves?

2. Would it obstruct a tile drain in any way to run a pipe from the kitchen sink into it? There is a good fall from the house.  
W. C. D.

Ans.—1. If early pasture is wanted, it could be secured by sowing either rape or oats. We would prefer the oats for young calves. If fall pasture was required, red clover, alfalfa, or sweet clover might be sown in the spring, without a nurse crop.

2. If the drain had satisfactory fall it is not likely that connecting the kitchen sink with it would obstruct it very much. There is a possibility, however, that where there would be more or less of a constant stream of water the tile might be blocked with the roots of whatever crop was grown on the land through which the tile passed. Where the stream is intermittent the roots seldom bother the tile. However, we have seen a 4-inch tile completely blocked with the fibrous roots of mangels; the tile was taking the water away from a spring and was down three feet.

## Water Supply.

I intend building a bank barn on land 100 feet above water level. Could I pump the water from the river to a tank at the barn by using a gasoline engine? There is a small creek running on a level with the barn. Could I pipe water from this to the building? Would it be necessary to have two tanks?

2. If sweet clover were sown this year would it make pasture next year?

3. What dose of Epsom salts would be sufficient?  
T. K.

Ans.—1. It is quite possible to pump the water that height with a three or four-horsepower gasoline engine. The water could be pumped into one large tank and the flow from that to the watering-troughs regulated by a float. If the creek is located sufficiently high above the buildings, the water might be piped from it to the barn. It would flow by gravity and would save the expense of a pumping outfit. The one tank would then be sufficient.

2. Yes.  
3. It depends somewhat on the condition of the animal. From 1 to 2 lbs. is the dose for a cow?

LANDS  
WANTEDFOR...  
SOLDIER  
SETTLERS

**POWERS** have been granted to the Soldier Settlement Board of Canada by Order in Council of the 11th of February, 1919, to purchase land to be re-sold to qualified returned soldiers who desire to make farming their permanent vocation.

To assist soldiers in settling in any suitable district in which they may wish to locate, the Soldier Settlement Board desires to have filed in each of their Provincial Offices a select list of farm lands available for purchase in each district of the Eastern Provinces, with full description and lowest cash prices of the same. Purchases by the Board will be paid for in cash.

The public are informed that this land is for purchase by returned soldiers, and must be of good agricultural quality, and reasonable price, making possible the success of the soldier as a farmer. It should be within seven miles of a railway, open, free from weeds, water supply assured, and of moderate price. In giving particulars, mention number of farms immediately required will be very limited. Owners, therefore, will kindly assist the Board by offering for the present only land which fills the above requirements.

No commission will be charged or paid. No offers to sell will be binding on the person offering, unless a sale is effected, and no obligation will be on the Board to accept any offer.

If application from a returned soldier be received for the purchase of land, an inspection and valuation of such land may be made by the Board, as soon as free from snow. If approved, negotiations may be entered into for the purchase and sale thereof. An approved list is desired for each suitable district throughout Canada.

All communications concerning land in the Eastern Provinces should be addressed to the Provincial Supervisor of the Soldier Settlement Board for the province in which the land offered for sale is situated, a list of whom is given below:—

## ONTARIO:

Mr. W. M. Jones, 32 Adelaide St. E., Toronto.

## QUEBEC:

Lt.-Col. Bruce F. Campbell, Drummond Bldg., Montreal.

## NEW BRUNSWICK:

Mr. Wm. Kerr, Post Office Bldg., St. John.

## NOVA SCOTIA:

Mr. R. H. Congdon, 529 Barrington St., Halifax.

## PRINCE EDWARD ISLAND:

Soldier Settlement Board, Riley Bldg., Charlottetown.

## SOLDIER SETTLEMENT BOARD, Canada.

## Shorten Piggy's Growing Stage

—prevent him from getting a set-back at weaning—get him in the habit of putting on weight fast—and have him ready for market weeks earlier by feeding him

## GARDINER'S PIG MEAL

This is the greatest feed you can get for pigs at the weaning period. It gives them just the right start for that quick growth that spells profit.



Gardiner's Pig Meal is put up in 25, 50 and 100-lb. bags. If your dealer hasn't it, write us for prices—and for particulars about Gardiner's Calf Meal, Oatmeal, Suet-fat and Cotton Seed Meal.

**GARDINER BROS.,**  
Feed Specialists,  
SARNIA, Ontario. 13

## Cane Feeding Molasses

A wonderful fattening ingredient containing all the elements necessary to finish your stock. Used by the most scientific stock feeders in Canada. Don't delay—write for particulars immediately.

## Dominion Sugar Co., Limited

Head Office: Chatham, Ontario

## BERKSHIRES

Large stock; all ages; two imported herd sires; English, American and Canadian strains. Send for breeding list.  
CREDIT GRANGE FARM, MEADOWVALE, ONTARIO

## ELMHURST LARGE ENGLISH BERKSHIRES

From our recent importation of sows, together with the stock boar, Suddon 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.

## Prospect Hill Berkshires

Young stock, either sex, for sale, from our imported sows and boars; also some from our show herd, headed by our stock boar, Ringleader. Terms and prices right.  
JOHN WEIR & SON - Paris, Ont. R.R. 1

## Big Type Chester Whites

Our fourth importation has just arrived, including an 800-lb. sow with litter at side, sired by the 1,000-lb. Champion of the National O. I. C. Show. Ten litters March and April pigs for sale. John G. Annesser, Tilbury, Ont.

## Oak Lodge Yorkshires, Shorthorns

Write us also regarding your next herd sire. We have them from great milking dams—all good families  
J. E. BRETHOUR & NEPHEWS, Burford, Ont.

## Meadow Brook Yorkshires

Sows bred, others ready to breed. Six large litters ready to wean. All choicely bred and excellent type.  
G. W. MINERS, R.R. No. 3, Exeter, Ont.

## PIG FOR SALE

A Berkshire boar 6½ months old, bred from Toronto and London prize winning stock. A bargain at \$30.00.  
ALVIN ANDERSON, Hawkstone, R.R. 1, Ont.