

### Cattle and Sheep Labels

A cent spent now may be the means of saving you three calves next fall. Send your name and address for free sample and circular. It is no trouble, and you can judge them for yourself. Write to-day.

F. G. JAMES, Bowmanville, Ont.

**Farnham Oxfords and Hampshires.** The oldest established flock in America. Present offering: a few two-shear and older ewes of both breeds, bred to our imported champion ram. Also a few nice ewe lambs by imported sires. Prices reasonable. Henry Arkell & Sons, Arkell, Ont. L.-D. phone in house.

## Dorset Ewes

In lamb. Ewe lambs. Chester White Boars about five months old. One Holstein bull 15 months old. All of the choicest breeding, and will be sold at a bargain to make room.

R. H. HARDING, THORNDALE, ONTARIO  
Mapleview Farm.

### ALLOWAY LODGE

#### Southdown Sheep

**Aberdeen - Angus Cattle**  
A few young bulls and heifers that are right in breeding and quality, will go at farmer's prices.

ROBT. McEWEEN, Byron P.O.  
Phone. R.R. Stn. London.

**SPRINGBANK FIFTEEN EWE LAMBS**  
by imported sires. Prices right. Order quickly.  
**OXFORDS!**  
WILLIAM BARNET & SONS,  
LIVING SPRINGS, ONTARIO.

### Maple Grove Yorkshires & Holsteins

Eight young boars fit for use; good, long, straight, growthy ones, and young pigs of various ages and both sexes, sired by S. H. Jack (28315) (imp.), for three years champion at Toronto. A few beautiful sows, big enough to breed. One two-year-old Holstein bull—a show animal that has few equals—to be sold very cheaply; out of a heavy milking dam. One yearling Holstein bull, a good one, sired by Dutchland Olantha Sir Abbecker, and out of a grand young cow; also a heifer calf, just lately dropped, a beautiful, straight calf, out of the same dam; also grade heifer, calves and yearlings. All will be sold at bargain prices.

H. S. McDIARMID, Fingal, Ont.  
Long-distance phone. Shelton Station.

### Large White Yorkshires



Have a choice lot of sows in pig. Boars ready for service and young pigs of both sexes supplied at reasonable prices. All breeding stock imported, or from imported stock, from the best British herds. Write or call on:

H. J. Davis, Woodstock, Ont.  
C. P. R. and G. T. R. Long-distance phone

### Newcastle Tamworths and Shorthorns

Present offering: Seven boars from 6 to 10 months old; boars and sow pigs 6 weeks to 4 months; sows bred and others ready to breed, from such noted stock as Colville's Choice, Canada's champion boar, 1901, '02, '03 and '05, and Imp. Chelerton Golden Secret. Also a few choice Shorthorn heifers in calf; beef and milk combined. Show stock specialty. Prices right. L.-D. Phone. A. A. Colwill, Newcastle, Ont.

### Registered Tamworths.

We are offering boars ready for service, sows bred and ready to breed. Young pigs all ages, from six weeks up.

W. W. GEORGE, Crampton, Ont.

### Duroc Jersey Swine AND JERSEY CATTLE.

Grand stock, either sex, constantly for sale. Price reasonable. MAC CAMPBELL & SONS, Northwood, Ontario.

### "LACTOLINE" and "CEREALINE"

Best all round TONIC for every domestic animal. Have them direct from  
THE NATIONAL STOCK FOOD COMPANY,  
Ottawa, Ontario

### Cloverdale Berkshires

Present offering: Sows bred and others ready to breed. Choice boars ready for service, also younger stock of both sexes. Also stock boar. Prices reasonable. C. J. LANG, Hampton, Ont.

### Morrison Tamworths and Shorthorns

Present offering: Four dandy bull calves that will make show winners, from 6 to 10 months old. Choice Tamworths, both sexes.

Chas. Currie, Morrison, Ontario.

### HAMPSHIRE SWINE

Both sexes and all ages, from imported stock. Prices reasonable.  
C. A. POWELL, Arva, Ontario  
Four miles north of London.

**TAMWORTHES** A few sows bred to farrow in February and March; Also choice pigs from three to five months. Bell phone, HERBERT GERMAN, St. George, Ont.

above and set it aside for a week or so, you would find the top of the vessel covered with a white, powdery substance. The zinc chloride solution creeps up the wall of the vessel, and as the water evaporates the zinc chloride remains deposited on the wall. To prevent this creeping, it is necessary before putting anything into the vessel to thoroughly dry it, then turn it bottom upward, and dip the edge into some melted paraffine wax. If the edge of the vessel is warm before being dipped in the wax, or is left in the melted wax long enough to become warm, the wax forms a better bond and will adhere longer. The zinc chloride solution will not creep over this paraffine.

The same remark may be made as regarding the dry batteries, namely, that you will probably do better to buy these wet cells than to make them.

W. H. D.

### QUESTIONS AND ANSWERS. Miscellaneous.

#### LUMBER FOR THE WEST.

I am going West in the spring, and I would like if you could tell me how much building material I am allowed to take with me, such as lumber and felt paper.

WALTHAM.

Ans.—As settler's effects, you are allowed to take up to 2,000 feet of lumber. We presume you would be allowed to carry enough building paper to line it.

#### GROUNDHOGS AND FERTILIZER QUERIES.

1. We have a lot of woodchucks around fences. How would it do to sow rape in the grain and spray with some poison every few days? What would be the best poison to use? Would strong Paris green kill them? They like to eat turnips or rape. Would it do to put it on the clover in the early stages? Of course, I mean to use this where there would be no stock. I have tried smothering in the hole. Sometimes I would see nothing of them for two or three weeks, and then they would come out again.

2. What is the best kind of fertilizers to use on potatoes on a large scale? How would it do to throw a handful in each hill when planting, or would it be better to throw it on the hill after the potatoes come up? How is it usually done in parts where they grow a lot of potatoes?

3. Do potatoes do as well plowed in as put in with the hoe?

4. Will the potato digger work as well when they are plowed in? You can only go through them one way with the horse when they are plowed in.

5. Would the tubers be larger if put on the square, three feet each way, and then one could go through them both ways?

6. Is there a digger that bags them rightly?

Ans.—1. The most effective means of ridding the land of woodchucks is to use carbon bisulphide in each hole. Soak a small piece of rag with an ounce of this, put it down the hole as far as possible, and cover up the hole with sod and tramp solid. Be careful not to allow loose dirt to cover the soaked rag. If there are two holes leading to one nest, cover each. Properly done, the woodchucks are killed. We would not advise trying to poison by spraying poison on rape or clover.

2. Use a complete fertilizer where no manure is applied, of 150 to 200 lbs. of nitrate of soda, 300 to 400 lbs. of acid phosphate, and 150 to 250 lbs. of sulphate of potash per acre. Phosphates and potash could be applied in the working of the soil as early as the land will work well in the spring. The nitrogen might be half put on at time of planting, and the rest soon after the potatoes come up. Sow broadcast, and do not drop it in the hills.

3. Good results are obtained from plowing potatoes in from three to five inches deep.

4. The digger should work all right.

5. The only advantage would be in cultivation.

6. We do not know of any.

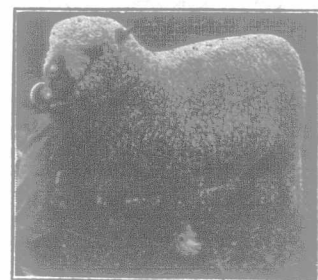
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75 Yearling Ewes, 40 Ewe Lambs and 20 Rams

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Auctioneer.

J. G. HANMER, Secretary,  
Burford, Ont.

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50 young Shropshire ewes of good size and quality, bred to the great breeding ram, Belvoir Sensation. 40 Cotswold ewes, from one to three shears, bred to choice rams. Also a few extra good ewe lambs. Get my prices before you buy, as I have never been able to offer such good value at a reasonable price.

Claremont Stn., C.P.R., 3 miles. JOHN MILLER, Brougham, Ont.  
Pickering, Stn., G.T.R., 7 miles.

## Belmont Shropshires and Southdowns

I have a grand lot of rams and ewes for sale, both breeds. Anyone wanting a good ram, or a few good breeding ewes, should write me at once and get the first choice.

## C. Hodgson, Brantford, Ont.

**COTSWOLDS AND SHROPSHIRE** At Toronto I won 1st on ram and ewe in Cotswolds. I have for sale a big lot of shearing rams and ewes, ram and ewe lambs of both breeds; strictly high-class.

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Present offering: Select sows. Choice boars ready for service; also younger stock, the get of Duke of Somerset, imp., and out of imported dams. Satisfaction and safe delivery guaranteed. H. M. VANDERLIP, Breeder and Importer, CAINSVILLE P. O. Langford station, Brantford and Hamilton Radial.