

ALLOWAY LODGE STOCK FARM Angus, Southdowns, Collies

Special this month:
Yorkshires
ROBT. McEWEN, Byron, Ont.



SUMMER HILL OXFORDS

Flock established many years ago by the late Peter Arkell. Rams and ewes in any quantity for sale, all recorded. Positively no grades handled except by order.

PETER ARKELL & CO. Prop.
Teeswater P.O., C.P.R., Box 454.

150 Pure Shropshires For Sale—50 ram and ewe lambs, descendants from imported stock, sired by a Campbell ram, price from ten to twelve dollars each including pedigrees. Also twelve yearling rams, young and old ewes and pure bred Jerseys all ages, male or female all at moderate prices.
H. E. Williams, Sunnylea Farm Knowlton, P.Q.

Oxford Downs—We are in a particularly favorable position this year to supply Oxford Down breeders with a right choice Ram Lamb, also Ewe Lambs and Shearlings. WM. BARNET & SONS, R. R. No. 3, Fergus, Ont.

Shropshires and Shorthorns
Present offering shearlings, ram lambs, breeding ewes and young bulls.
E. E. LUTON, - ST. THOMAS, ONT.
Phone 704R4 R. R. No. 1

For Sale: Southdowns and Oxfords
Both sexes; all ages.
S. LEMON, POPLAR LODGE,
KETTLEBY, ONTARIO

Tower Farm Oxford Down Sheep—A choice lot of ram and ewe lambs, a few shearlings and two shear rams and shearling ewes.
E. BARBOUR, R.R. No. 2, Hillsburg, Ontario.
L.-D. Phone.

Leicesters For Sale—One aged ram, one shearling ram, also ram and ewe lambs, quality and covering the best; good flock headers and in show fit, also some very fine Emden Geese. Correspondence solicited or come and see.
Trout Creek Farm, Lucknow, Ontario

IMPROVED Yorkshires

FOR SALE—Young sows just being bred, also a few choice pigs, both sexes, 12 weeks old (only a few left). All will be registered.

WELD WOOD FARM
FARMER'S ADVOCATE
London, Ontario

Elmfield Yorkshires Four young sows about ready to breed, one boar farrowed in March, some young sows farrowed in April and May, and expect lots of young pigs for Sept. from good breeding stock on side of both dam and sire. G. B. Muma, R.R. No. 3, Ayr, Ont. Phone Ayr R.R. 55 ring 2. G.T.R., Paris or Drumbo; C.P.R. Ayr.

Poland-China Swine Duroc Jersey Berkshires and Chester Whites, also Dorset Horn sheep. Young stock of both sexes. Come and see, write or phone.
CECIL STOBBS, Leamington, Ontario
Phone 284.

SUNNYSIDE STOCK FARM
Chester White Swine Champion herd at Toronto and London Fairs; also Dorset Horn Sheep, young stock of both sexes for sale.
W. E. Wright & Son, Glanworth, Ontario

CLEARVIEW CHESTER WHITES
For many years my herd has won the highest honors at Toronto, London, Ottawa and Guelph. For sale are both sexes of any desired age, bred from winners and champions.
D. DeCoursey, R. R. No. 5, Mitchell, Ont.

Tamworths Young sows bred for fall farrow and some choice young boars. Registered.
Before buying write for prices
JOHN W. TODD, R. R. No. 1, Corlith, Ont.

Morrison TAMWORTHS & SHORTHORNS
Bred from the prize winning herds of England. Boars and sows all ages 150 head to choose from. Choice Shorthorns both sexes, good milking strain, one Clydesdale colt two-year-old bred from imp. stock. CHAS. CURRIE, Morrison, Ontario

IMPROVED YORKSHIRES—Overstocked. We offer one champion silver sweepstake sow coming two years old guaranteed in pig, one year-old boar extra type, and any number of young pigs, to be sold weaned three weeks hence and later.
POMONA FARM, COBBOURG, ONT.

Cloverdale Large English Berkshires
Sows bred, others ready to breed; boars ready for service; younger stock, both sexes, pairs not akin. All breeding, or for imp. or from imp. stock. Prices reasonable. C. J. Lang, Burketon, Ont. R.R. 3.

Please mention "The Farmer's Advocate."

Questions and Answers. Miscellaneous.

Bad Weed.

I found a thistle in my oat field when cutting. I would like to know whether it is a bad weed. I pulled out all that I found G. C. T.

Ans.—The weed is perennial sow thistle, a very noxious pest. See articles on sow thistle in earlier issues.

Pure-bred Stock.

Will you please tell me where to write to find out how to get a pure-bred Shorthorn bull? E. J. H.

Ans.—If you wish to purchase a bull consult our advertising columns. If you are desirous of obtaining a Government bull, write the Live Stock Branch, Department of Agriculture, Ottawa, for full particulars.

Expiration of Term.

A hires B for six months, to start work April 1st. When will B's time expire? B claims 26 days is one month. A claims time will not be out till night of Sept. 30th. B also claims he has every other Sunday free. A claims B has to do all regular chores every Sunday and the rest of the day is free.

SUBSCRIBER.

Ans.—If the man was hired for six months from April 1st, and started work that day, his time is not out until Sept. 30, at night. The man, unless otherwise mentioned in the agreement, is required to do necessary chores every Sunday. Agreements are generally made, however, to allow the man off every second Sunday. Supposing the hired man held to 26 days as a month's work, he would only gain one day in the entire six months, but this will not hold when hiring for six months.

Apple Refuse.

1. Of what value is apple refuse from evaporator as fertilizer, compared with barnyard manure? (Black, loamy soil, when not stirred for a while, and in spring before working crust, and looks as if particles of lime was scattered over it.)

2. Which is the better plan to grow strawberries, in matted rows four feet apart, or rows thirty inches, with runners kept cut off? NOVICE.

Ans.—1. Apparently there are no data on record as to the composition of "apple refuse from evaporators," but we may safely conclude, I think, that this material would have a very low fertilizing value, that is, as regards percentages of the essential elements of plant food: nitrogen, phosphoric acid, and potash. It could, of course, be considered, when composted, as a source of humus, and as such would be useful for all classes of soils deficient in vegetable matter. From an American source I quote the following for apple pomace (from cider mills) which possibly is somewhat similar, as regards its plant-food constituents, to the refuse under discussion:

ANALYSIS OF APPLE POMACE.

	Fresh.	Dried.
Water	80.5	10.0
Ash	.27	2.81
Organic matter	11.23	87.19
	100.00	100.00
Nitrogen	.23	.88
Phosphoric acid	.02	.36
Potash	.13	.09

We should not advise the direct application of the fresh refuse to the soil, as such would be apt to increase the soil's acidity. The better plan would be to compost it with muck peat or good soil, giving the mixture a heavy sprinkling of lime or wood ashes. If a representative sample of this refuse (say five pounds) were forwarded Frank T. Shutt, C.E.F., Ottawa, it would be analyzed.

F. T. S.

2. In practically all commercial plantations the matted-row system has been adopted. In this way growers claim to get the greatest quantities, the loss of a single plant makes no gap in the row, and protection is provided for the crowns of the plants during periods of drought. The labor involved in keeping the runners in check condemns other systems, except under special conditions.

Keep Your Cattle Disease-Proof

Disease must be prevented as well as cured.

Zenoleum does both. Used according to directions

it cures most animal diseases and destroys lice,

mites, and maggots. It is a powerful germicide for disinfecting barns, pens, henhouses and stables. Used

by 50 Canadian and United States Agricultural

Colleges and by Experimental Farms. You

will find Zenoleum reliable, safe; will not

burn or poison; always the same and

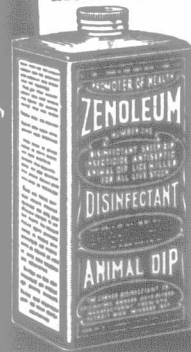
as sure as a shot every time. The

greatest breeders and live stock

authorities on the American

continent are continual

users of Zenoleum.



ZENOLEUM will do it!

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Zenoleum
Does

It cures sores, calf

cholera, cuts, galls, ring

worm, stomach and in-

testinal worms in cattle, hogs

and sheep and kills lice and

fleas and cures roup, diarrhoea

hen cholera, gapes, pip in poultry.

The International Live Stock Exhibition at

Chicago and the Canadian Live Stock Shows

at Guelph, Ottawa and Toronto have used Zen-

oleum as the only disinfectant with this result: "No

trace of disease." Stockmen and breeders pronounce it

"absolutely reliable" and cheaper than home-made mixtures.

Ask your dealer first or order direct. A trial tin enough for

80 gallons of "dip," express prepaid for \$1.50. Shipped in 5 gallon

and barrel lots. 64-page book on diseases of cattle and how to

use the n. FREE. Write now.

ZENNER DISINFECTANT CO.

332 Sandwich Street East - Windsor, Ont.

H. ARKELL

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Summer Hill Stock Farm

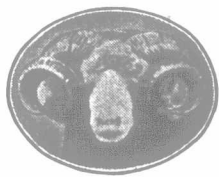
Largest and oldest importers and breeders of

OXFORDS

in Canada. Look up our show record, it will give you an idea of the kind of Oxfords we have for sale.

P. ARKELL & SONS, Proprietors, TEESWATER, ONT.

Customers, beware of imitations of this advertisement



Forster Farm Dorsets

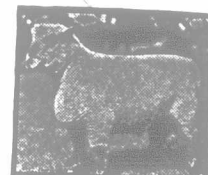
Sheep breeding was never so bright as now. Our large flock of Dorsets are this year stronger than ever in numbers and in quality. For sale are shearling rams and ram lambs, shearling ewes and ewe lambs, strictly high-class.

Forster Farm, - Oakville, Ont.

Maple Shade Shropshires

A few shearling rams and ram lambs are for sale. They are the right kind and out of imported ewes and sired by an imported "Buttar" ram. You may order any time now for delivery later.

WILL A. DRYDEN, :: Brooklin, Ontario



Farnham Farm Oxford and Hampshire Downs

Flock Established in 1881 from the best flocks in England. We are offering a splendid lot of yearling rams and ram lambs for flock headers or show purposes. We ourselves have retired from the show ring to hold nothing back. We are also offering 80 yearling Oxford ewes and ewe lambs; a few superior Hampshire yearlings and ram lambs. All registered. Prices reasonable.

HENRY ARKELL & SON, Route 2 GUELPH, ONT.

Guelph, G.T.R.; Arkell C.P.R. Telephone Guelph.

Long-distance phone in house.

Shropshires and Cotswolds for Sale—Yearling rams and yearling ewes, a few imported 3-shear ewes, an extra good lot of ram lambs from imported ewes. I expect an importation of rams of both breeds from England 1st of August. Prices very reasonable.

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

Greenburn, C.N.R., 4 miles.

SHROPSHIRE AND SHORTHORNS

Our Shropshire lambs this year by a Butter ram are an extra lot, well grown, well covered and well balanced. They are for sale, both sexes; also milking bred Shorthorns, young bulls, cows and heifers.

P. CHRISTIE & SON, Manchester, Station and P.O.

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 & SONS NORTHWOOD, ONT.

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, CAINSVILLE ONTARIO

Langford Station on Brantford & Hamilton Radial.

Newcastle Tamworths and Shorthorns Boars ready for service. Sows due and ready to breed and a lot of both sexes ready to wean. Descendants of imp. and championship stock. Several extra choice young bulls and heifer calves, recently dropped; grand milking strain, 2 bulls 5 and 8 months old. All at reasonable prices.

A. A. COLWILL, NEWCASTLE, ONTARIO

Long-Distance Telephone

Shropshires of superior quality; both rams and ewes. Special offering for 30 days in Shropshires, Welsh ponies and Berkshire pigs.

J. LLOYD-JONES, Burford, Ont.

Tamworths Buy your breeding stock now, as they will be very scarce this fall. I have a nice lot of boars ready for service, and sows ready to breed. Prices reasonable.

Herbert German, St. George, Ontario