



Lump Rock Salt, \$10 for ton lots, f.o.b. Terento. GFJ. CLIFF, Manager. Toronto, Ont.

PURE-BRED For sale, a

JERSEY BULL CALF eight months old

West Hill P.O., Ontario

American Shropshire Registry Association with its 25 volumes of record, 4,500 member-ships, 365,000 registrations.

Fit is the one for every farmer to join. Read the reports of sheep shows, the mutton and wool market, and judge for yourself. Even the U. S. Government has recognized its merits. It is the best general-purpose sheep. For information address: J. M. WADE, Secretary. LaFayette, Ind.

ALLOWAY LODGE

Southdown Sheep Aberdeen-Angus Cattle I will exhibit Southdowns at Toronto and South-downs and Angus at London shows this fall, and would like to meet anyone interested in either of these breeds. Write for circular to

ROBT. McEWEN, Byron, Ontario Tel. and railway station, London.

Farnham Oxfords and Hampshires 1

Our present offering is a number of superior O X F O R D DOWN YEARLING AND RAM LAMBS for flock headers, by our imported Royal winning rams. Also ninety field rams and eighty ewes, either by imported sires or g. sires imported. Also fifteen yearling HAMPSHIRE ewes. HENRY ARKELL & SON,

Phone Guelph 240-2. ARKELL, ONT.

A boy who had been absent from school several days, returned with his threat carefully swathed, and presented

this note to his teacher: "Please don't let my son learn any German to-day; his throat is so sore he can hardly speak English."-Everybody's Magazine.

ALL SHE WANTED.

Agant .- Madam, I'd like to show you one of the best cream separators on the

Farmer's Wife.-I don't want it; but if you have a coin separator that you can guarantee to work on my husband, I'll buy it.



Questions and Answers. Veterinary.

Rheumatism. Lamb has rheumatism.

Ans.-Keep dry and comfortable. Give 5 grains salycilic acid three times daily and rub the joints of the affected limbs well three times daily with hot camphorated oil.

Miscellaneous.

Turbine for Water Supply.

I am thinking of installing a 2-inch pipe and small turbine for a water supply from a spring two miles away and about 400 feet high. Would it generate 250 sixteen candle power tungsten lights? Would the ordinary galvanized pipe be strong enough? J. A. Ans.—The greatest amount of power which you could obtain from a 2-inch pipe line with a static head of 400 ft., length of pipe line being two miles, would be with sacrificing one-third of the static head by friction in the pipe. This would give you an effective head of 266 feet and a discharge of 2.6 cubic feet per minute, velocity about 2 feet per second and would enable you to develop only about 1 h.p. This would enable you to run about 20 tungsten This falls a long way short of the 250. To develop this number you

would require a much larger pipe. Ordinary galvanized pipe would be strong enough to withstand the pressure developed. W. H. D.

Gossip.

OLD MELDRUM SHORTHORNS.

Old Meldrum Stock Farm, situated about midway between Guelph and Rockwood stations, and connected with both places by long-distance 'phone, the property of A. F. & G. Auld, Eden Mills P. O., is the home of one of the most noted herds of Scotch Shorthorns in this country, numbering just now about 50 head. This great herd, formerly known as the "Pleasant Valley" herd, is noted for having produced within its ranks so many Toronto prize-winners, senior and junior champions and grand champions. It holds a record along these lines equalled by few other herds and excelled by none. Imported and Canadian-bred they represent on blood lines practically every tribe that has become famous, namely, Victorias, Secrets, Broadhooks, Orange Blossoms, Roan or English Ladys, Rosebuds, Kilblean Beautys, Cecelias, Wimples, Fragrances, Mysies, and Nonpareils, many of them daughters of the Toronto grand champion, Imp. Old Lancaster, a half brother to this year's champion at the Royal. This year's crop of calves, of which there are seveneen are sired by the present stock bull, Broadhooks Ringleader, winner of first prize at Toronto last year as a senior calf, a son of Imp. Newton Ringleader, and out of Imp. Penman Broadhooks. Others are by the Toronto and London second-prize yearling. Nonpareil Courtier a son of the great show bull and sire, Waverly, and out of Nonpareil 4th. Others again are by the proven sire, Scottish Signet. Among the dams of the half dozen young bulls on hand are such noted breeding cows as Rosebud 11th, dam of the Alaska-Yukon Exposition champion, Lancaster's Bud, Lancaster's Princess, dam of the Toronto junior champien, Lomand's Mysie, who sold at the West Toronto sale for \$2,-000.00, Mabel of Knockhead, Imp., whose calves have never been outside the money at Toronto, and others of equal repute. It is needless to say that among these youngsters are some choice coming herd Another choice yearling red hull is sired by a son of the famous show bull and sire, Imp. Jilt Victor, who had for dam the Toronto champion cow, Olga Stamford. This young bull, on his dam's side, traces to Beauty, Imp., by Snowball. Imp., by Snowball. He is a typical dairy bull, nice quality and level in his lines. In younger females, two-year-old and one year-old heifers, senior and junior calves, are many of high-class show caribre and in high-class show fit. large and representative exhibit from this herd will be at Toronto Exhibition, where the Messrs. Auld will be pleased to see all interested.

WERE YOU THINKING OF

ROOFING?

TELL, that's our own particular business. Galt Steel Shingles will make your buildings waterproof, windproof, weatherproof and fireproof.

What's more—they are cheaper in the long run than wood or slate, can be laid for one-half the cost of laying wood shingles, or one-sixth the cost of laying slate.

We have some intensely interesting and valuable information to send you regarding this subject of roofing. A post card request will bring it by return mail.

Simply scribble the one word, "Roofing" on the back of a post card, together with your name and address. If you haven't a post card handy, tie a string around your finger so you'll be sure to remember.

ADDRESS:

The Galt Art Metal Co., Limited 252 Stene Read, Galt, Ont.

The spring trade is on; we are doing the largest business we ever did, chelly with our old customers; young bulls and heifers from sires with tested daughters. B. H. Bull & Son, Brampton, Ont.



Shropshires and Cotswolds In my 1913 importation of 60 head just arrived are show rams and ewes, field rams and ewes of will be pleased to hear from you if interested in sheep as "No business no harm" is my motto 3 miles. Claremont Stn., C.P.R.

GLENALLAN SHROPSHIRES—We have something choice to offer in this year's crop of lambs, sired by a Cooper ram. Shearling and Ewe lambs.

Flock headers of highest quality a specialty Glenallan Farm, Allandale, Ont.

R. MOORE Manager SPRINGBANK OXFORD DOWNS
We never had as choice a lot of lambs as this year.
Our offering: Shearling ewes, ewe lambs, ram lambs and the stock ram Imp. Hamtonian 279th.
WM. BARNET & SONS,

'Phone

Clovedale Large English Berkshires may be, see Lang the live Berkshire man. He is always prepared to furnish anything in Berkshires. Write or come and inspect.

C. J. LANG,
Hampton. Ont., Durham Co-

Hampton, Ont., Durham Co. NEWCASTLE TAMWORTHS I am now offering young sows. bred, and young boars of breeding age, chuck full of of both sexes. A. A. Colwill, Newcastle, Ont., L.D.' Phone

DUROC JERSEY SWINE

Twenty-five sows bred for fall farrow; a few boars ready for service; also one Jersey bull, 11 months, and two bulls, 6 months old, out of high-producing dams.

Northwood, Ont.

TARIVI

We are sold out of Tamworths also females in Helsteins but still have some choice bulls for sale from 2 to 6 months, officially backed and right special cones.

R. O. MORROW & SON, Hilton, Ont.

Brighton Sta., phone

MINSTER FARM

Brighton Sta., 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,
best British herds. Write or call H. J. DAVIS, Woodstock, Ont.

Long-distance 'phone.

C.P.R. and G.T.R.



amworths A fine lot of young boars and sows.

HERBERT GERMAN, ST. GEORGE, ONT.

Morriston Tamworths and Shorthorns—bred from the prize-winning herds of England; have a choice lot of young pigs. both sexes, pairs not akin; and also the dual-purpose Shorthorns. Satisfaction guaranteed.

C. CURRIE, MORRISTON, 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 P.O. Langford Station on Brantford and Hamilton Radial