

BREEDERS' DIRECTORY

CARDS under this head inserted at the rate of \$2.00 per line, per year. No card accepted under two lines, nor for less than six months.

HORSES

- S** **SMITH & RICHARDSON**, Columbus, Ont.
See large ad.
- S** **SOREY**, Guelph, Ont.
See large ad.
- J** **M. GARDHOUSE**, Weston, Ont.
See large ad.
- T** **HOS. MERCER**, Markdale, Ont.
See large ad.
- G** **MO. G. STEWART**, Howick, Que.
See large ad.
- R** **R. NESS**, Hawick, Que.
- G** **RAHMAN**, Clarendon, Ont.
See large ad.
- W** **H. PUGH**, Clarendon, Ont. Imported and Canadian-bred Clydesdale and Hackney.
- W** **COLOUCHMAN**, Mitchell, Ont., P.O. and sta., G.T.R., importer of Clydesdale and Hackney Horses.
- D** **DAVIS & GRAHAM**, Newburgh, Ont., Clydesdales, imported and Canadian-bred. A few good bargains on hand.
- W** **J. WELLS**, Temperanceville, Ont., mfr. from Bond Lake, Toronto and Metropolitan Railway. Some grand offerings in Canadian-bred Clydesdales, gets of Young McQueen and Laird of Argo.
- F** **RAKE RUSSELL**, Cedarville P.O., Ont., Two imported Clydesdale stallions for sale, five and seven years old.
- H** **MODGINKSON & TISDALE**, Beaverton, Ont.—Clydesdales—Stallions and fillies for sale.
- D** **DONALD GUNN & SON**, Beaverton, Ont., Clydesdales.—Choice young stock.
- L** **AVIN & RICHARDSON**, Hurstville, Ont., High-class Clydesdales for sale.

SHEEP

- J** **LLOYD JONES**, Burford, Ont. A fine selection of choice home-bred and imported Shropshire sheep.
- A** **J. JULL**, Burford, Ont., Oxford Down, etc. About 25 head of choice young lambs. Also a few breeding ewes. All by imported Rams.
- J** **C. ROSS**, Jarvis, Ont., Cotswold Sheep.
Prize winners at America's leading shows. Imported and home bred. Also some good Clydesdale Horses.
- T** **ELFER BROS.**, Paris, Ont., Hampshire and Southdown sheep.
- J** **JOHN GARDHOUSE & SONS**, Highfield, Ont.
See large ad.
- J** **M. GARDHOUSE**, Weston, Ont.
See large ad.
- J** **JOHN DRYDEN & SON**, Brooklin, Ont.
See large ad.
- G** **EO. B. ARMSTRONG**, Howell Stock Farm, Teeswater, Ont.—Choice Leicester sheep. Prize winners.
- P** **ETER ARKELL & SONS**, Teeswater P.O. and sta., C.P.R.; Midway, G.T.R., Oxford Down sheep, shoring and breeding stock, imported and home bred.
- T** **HOS. ARKELL**, Teeswater, Ont., sta. C.P.R.; Midway, G.T.R., Choice breeding stock, Oxford Down Sheep.
- G** **MO. SNELL**, Yeoville, Ont.—Shorthorns, etc., C.P.R.; Yorkshire Swine, breeding stock from imported sows and boars. Pairs not skin furnished. Write for prices.

SWINE

- J** **E. BETHUNE**, Burford, Ont.
See large ad.
- W** **H. DURIAM**, Toronto.
See large ad.
- H** **M. STOCKTON**, Redgrave P.O., Hurstville, Ont., C.P.R.; Yorkshire Swine, breeding stock from imported sows and boars. Pairs not skin furnished. Write for prices.
- J** **COWAN**, Donagat P.O., Atwood, sta., G.T.R., Choice breeding stock in Leicester Sheep and Berkshire Swine.
- D** **DONALD GUNN & SON**, Beaverton, Ont., Yorkshire swine.—Young sows and boars of approved bacon type.

CATTLE

- J** **D. MACARTHUR**, Paisley, Ont. Some good young Shorthorns.
- R** **J. MACKIE**, Oshawa, Ont., Registered Herefords for sale. Good stock, seven bulls and a few heifers. Low prices if taken soon.
- W** **J. THOMPSON**, Mitchell, Ont.
See large ad.
- J** **JOHN DRYDEN & SON**, Brooklin, Ont.
See large ad.
- W** **G. FETT & SONS**, Freeman, Ont.
See large ad.
- J** **JOHN GARDHOUSE & SONS**, Highfield, Ont.
See large ad.
- H** **SMITH**, Exeter, Ont.
See large ad.
- G** **EO. B. ARMSTRONG**, Teeswater, Ont.—One imported and two home-bred Shorthorn bulls for sale.
- W** **H. FORD**, Dutton, Ont., Shorthorn cattle, Scotch and Scotch-topped. Good individuals. Prices right.
- B** **BROWN BROS.**, Lyn P.O., Ont. A number of young Holstein stock of both sexes for sale from prize winning and advanced registry parents.
- D** **BIRRELL**, Greenwood, Ont.
See large ad.
- W** **SHERING**, Sebringville, G. T. R., Ont. Hosts of best milking strains. A number of young breeding stock to select from.
- M** **ACDONALD COLLEGE**, Ste. Anne de Bellevue, Que.—Ayrshires.—The famous Rufford herd at Ste. Anne de Bellevue Que., now owned by Sir William C. Macdonald. Seventy yearling bulls for sale; also a number of bull calves. Quality and appearance extra good; robust from the best milking strains, noted for robust constitution and large tests. Write for particulars.
- A** **OS SMITH**, Teeswater P.O., Ont. Short-horn Cattle—pure Scotch breeding from popular and prize-winning strains.
- W** **HAY**, Tara, Ont., Clydesdale Horses, Shorthorn cattle, best Scotch strains. Present offering some choice young bulls, also a number of females.
- W** **F. STEPHEN**—Box 163, Huntington, Que. Springbrook Ayrshires—for sale—some young stock, both sexes.
- J** **A. GOVERNLOCK**, Forest, Ont., Herefords, young stock from carefully selected imported and homebred cows, prizewinners at leading shows.
- H** **E. FAIRBAIRN**, Thedford, Ont., Shorthorns, some of the very finest of the breed. For sale, six heifers and two red bull calves.
- R** **J. PENHALL**, Naber, Ont., Hereford Cattle. Young bulls for sale.
- G** **OLVIE'S** Ayrshires—Lachine, Que.—Calves for sale, both sexes, also a few splendid cows. Bold Hunter, Manager, Phone M 226.
- R** **A. and J. A. WATT**, Salem, Ont., Shorthorn cattle, imported and home bred. A few choice herd leaders.
- D** **DE COURCY**, Berthelme P.O., Mitchell Sta., G.T.R., Improved Ohio Chester White Swine. Shorthorn Cattle. Leicester Sheep.
- J** **JOHN WATT & SON**, Salem P.O., Ont., Elora Sta., G.T.R., Pure bred Shorthorn Cattle. A few choice females.
- D** **DONALD GUNN & SON**, Beaverton, Ont., Shorthorns.—Young stock on hand.
- W** **CLARKSON**, Malton P.O. and Sta., G.T.R., Pure bred Scotch Shorthorn Cattle and Lin colters. Some choice young stock for sale.
- G** **LEN GLO SCOTCH SHORTHORNS**, from such choice strains as Imp. Wedding Gift, Young stock bred by Kilbenny beauty bull, Ben Leimond and Imp. Joy of Morning. Some fine young bulls from six months to nine age, some also pure bred females. Prices right. **Wm. Smith, Columbus, Ont.**
- W** **W. BALLANTYNE**, Stratford, Ont., Ayrshires of the best milking strains. Some choice young bulls for sale.

MISCELLANEOUS

- D** **GUNN & SON**, Clydesdale Horses, Shorthorn Cattle, Yorkshire Swine, Beaverton, Ont.
- J** **AMES DOUGLAS**, Caledonia, Ont. Short-horn Cattle, Leicester Sheep. Stock for sale.
- P** **ORT, NICHOL**, Brussels, Ont., P.O. and sta., G.T.R. A few good Shorthorns, also a limited supply of choice Yorkshire breeding stock.
- J** **T. GIBSON**, Denfield, Ont., sta. G.T.R. Imported and home-bred Scotch Shorthorn horses. Choice breeding stock in Lincoln Sheep.
- C** **HAS. CALDER**, Brooklin, Ont., Shorthorns and Shropshire sheep, selection in young bulls.
- G** **EO. A. BRODIE**, Methuen, Ont., Shorthorn cattle, Shropshire sheep, Clydesdale fillies, a few good imported and homebred ones at right prices.
- A** **ELLIOTT**, Pond Mills, Oxford Sheep, Collie Dogs and Narragansett Turkeys. London Station, Ont.
- S** **J. PEARSON & SONS**, Meadowdale, Ont., Shorthorn cattle and Clyde horses, Yorkshires. We guarantee satisfaction to all mail orders.
- R** **ICHARD GIBSON**, Delaware, Ont.,—Short-horn cattle and Clyde horses, Yorkshires. We guarantee satisfaction to all mail orders.
- F** **A. G. PARKIN**, Oxford Centre, Ont., Berkshire Swine, Barred Kok Poultry. Prices right.

from the municipalities and vesting the appointment of road superintendents and the expenditure of money in the hands of the Commissioner of Public Works. The experiment thus far has been a lamentable failure. The appointment of superintendents has apparently been more political than practical, and as a result, the expenditure instead of getting to the roads is sticking largely, by the way, in commissions and take-offs. Public opinion becomes more and more that the law will have to be amended, and the supervision of the roads placed back where it belongs, in the hands of the municipal councils.

Preparations are progressing for three large exhibitions in the Maritime Provinces this season. St. John leads off with an exhibition open to the world from September 1st to 7th. Halifax will hold a Dominion exhibition from September 22nd to October 4th, and Charlottetown an exhibition open to all Canada from October 8th to 12th.

In addition to this there will be county exhibitions in New Brunswick open to the province at Sussex, September 7th to 14th, and Chatham, September 14th to 21st.

A very successful series of field meetings addressed by Professor Longhead, late of the O.A.C., Guelph, has been held this month through the province. The attendance has been large, and Prof. Longhead's talks and illustrations upon injurious insects and fungi, etc., with practical remedies, has aroused a great deal of interest, and must help our farmers to take better care of their orchards and crops.

MCADAM.

Cut-Worms in Alberta

The farmers of Alberta are suffering a good deal from the ravages of the cut-worm. In some cases crops have been resown twice. The rains which have come rather heavily during the past month have checked the ravages somewhat. The worm is working both in the north and south, though some districts have escaped. In some places a third of the crop has been eaten off. The pest works most harm on summer fallow and on breaking. Where tamed land has been plowed late in the fall or early this spring there is little or no damage. It has worried some harm to the beets at Raymond, but it is being pretty successfully fought with the bran and paris green mixture sown along the drills.