L DRILLING MACHINES

WILLIAMS BROS., Ithaea, N. Y.

AUCTIONEERS

T. E. ROBSON LIVE STOCK AUCTIONEER LONDON, ONT. 2 Belcher Street

GEO. JACKSON, Port Perry, Ont. PROVINCIAL AUCTIONEER Pure Bred Stock a Specialty.

LEVI A. W. TOLE LIVE STOCK AUCTIONEER Bowmanville, Ont.



SMITH & RICHARDSON

IMPORTERS OF

HIGH CLASS CLYDESDALE HORSES

We have now on hand only the choice imported colts Dashing King 3 years old, and Baron Columbus, the Toronto winner, as a 2 year old, Also a couple of good Canadian 7 and Come and see them at their stables at

COLUMBUS, ONTARIO

Oshawa Station, G.T.R. Myrtle Station, C.P.R.



LISTOWEL, ONT W. C. KIDD.

Importer of Clydesdales, Shires, Percherons Belgians, Hackneys, Standard-breds and Thoroughbreds

of highest possible quality and richest breeding. Have sold as many stallions the last year as any man in the business, with complete satisfaction in every case. I have always a largo number of high-class horses on hand. My motto: "None but the best and a straight deal." Will be pleased to hear from any one wanting a rare good one. Terms to suit. Long distance phone.

LISTOWELL P.O. AND STATION

Graham & Renfrew's

CLYDESDALES and HACKNEYS

Our Clydes now on hand are all prizewinners, their breeding is gilt-edged. Our Hackneys, both stallions and mares, are an exceedingly high-class lot. We also have a few high-steppers and carriage horses. Yonge Street cars pass the door every hour.

'PHONE NORTH 4483.

GRAHAM & RENFREW, Bedford Park, Ont.



Simcoe Lodge CLYDESDALES and HACKNEYS

Imported and Canadian Bred Clydesdales and Hackneys For Sale

Our stables have won Firsts and Championships at America's leading Shows, and a few individuals of the show-ring kind are always on hand. Come and see them.

Messrs. Hodgkinson & Tisdale, Beaverton, Ont.

YORKSHIRES of Choicest Type and Breeding



I have on hand 75 brood sows of Princess Fame, Cinderella, Clara, Minnie, Lady Frost and Queen Bess strains. My stock boars are true to type and of richest breeding. For sale are a large number of sows bred and ready to breed, boars fit for service, and younger ones of both scare. Pairs and trios

J. W. BOYLE, Woodstock, Ont

Oak Lodge Yorkshires

A large herd of choice Pigs of all ages on hand, quality guaranteed. No other herd has such a record in the show-ring, covering several years. Oak Lodge type of hogs are profitable breeders and ideal bacon hogs. Correspondence solicited.

J. E. BRETHOUR, Burford, Ont.

It is desirable to mention the name of this publication when writing to advertisers.

Feeding Live Stock

Prof. Cumming Before Nova Scotia Far

The view that it pays to feed stock liberally, does not always suit the idea of many farmers. I can illustrate this by the comments of a farmer who, with me, examined our cattle at Truro. I showed him the 1,800 lb. cow which has cost us about \$80 for feed during the year, about \$80 for feed during the year, an enormous amount as compared with the \$40 to \$45 he spent on feeding each of his cows. His cows would produce, to give them every advantage, about 5,000 pounds of milk each per annum, at which rate it would take 9½ cows such as his to do the same work as we were doing with one cow and \$80. If these arguments are valid then our best outlook is along dairying lines. There are whole sections and parts of every section, however, where beef-raising ought to be and can be carried on at profit.

FEED, ETC.

"Nova Scotia is essentially adapted to the raising of hay, grain, fodder, and roots, and I have yet to visit the really successful farmer with the avereally successful farmer with the average market, who does not aim to make the most out of these feeds. With exceptions, we do not produce grain as cheaply as parts farther west and we should manage our farms so as to feed and get the greatest profit from these sort of products.

"We can compare with any part of America in hay production, hence we should try to raise the best quality. Whether it is for dairy cattle or beef cattle, clover hay is more efficient whether it is for dairy cattle of section cattle, clover hay is more efficient than any other kind, also it will help to save the grain bill, and at less expense to the fertility of the soil. Especially is this true of dairy cattle.

"Feed roots effect a cheapness of fattening cattle and also of increasing milk-flow. With them you can use cheaper and coarser feeds and they minister to the health of all sorts of

stock.
"Peas, oats and vegetables, corn, flat turnips and clovers, may not have so effected a place on moist farms but have an undurable place on all other farms. If cows are milking, these feeds will maintain a milk-flow. If dry, they will promote their condition and help the milk-flow.

Are the Horse Interests Neglected?

"While all other branches of live stock have been helped in many ways by the governments of the day, both Dominion and Provincial, the horsemen to a large extent, have been left to shift for themselves." These to shift for themselves." These words, spoken by the Hon. Mr. Beck, in his address to the horsemen at their annual banquet in Toronto, last week, summarizes the opinion of an expert on the horse situation in Can-

as, exper on the horse studious in Casa and a.

Mr. Beck said that there was great danger of depreciation in the quality of light horses in the same of the same o

good foundation stock to breed good stallions to.

Mr. Robert Miller took issue with Mr. Beck, on the question of mili-tary horses. Judging from the ex-perience of the past, he did not think that it was profitable for farmers to-engage in the production of remounts.

There were other lines of breeding, such as the heavy draft, the high-class carriage, and hunter, that would

pay better.
Mr. John Graham, of Manitoba,
stated that some eight or ten years
ago, breeders in the west had been
able to get splendid foundation stock
in Ontario. To-day this stock was
not so plentiful.

HAS TORONTO BEEN NEGLIGENT? HAS TORONTO BEEN NEGLIGENT?

Mr. Wm. Smith, president of the
Ontario Horse Breeders' Association,
who presided at the banquet, in a
splendid address presented the claims
of the horsemen for better recognition, not only from the Government,
but from the city of Toronto. The
city, in his opinion, had not given the
encouragement to the horsemen and
encouragement to the horsemen and
the special control of the stallion
had been applied to the stallion
how being moved to Guelph, and
unless Toronto showed a more generous spirit in providing adequate acrous spirit in providing adequate ac-commodation for the show, it would probably go elsewhere.

other speakers, including Constable Harrison and W. K. McNaught, M.P.P., took the view that if there had been any negligence on the part of the city, it was due to some understanding.

690,000 HORSES IN ONTARIO.

The Hon. Mr. Monteith, Minister of Agriculture, placed the value of the horses of Ontario at \$80,000,000 and the number at 690,000. There too much haphazard breeding. too much haphazard breeding. In some counties, such as Perth and Huron, where line breeding had been followed, the highest average prize for horses had been obtained. Some horse shows, of which there are 400 held annually in Ontario, including those of the Agricultural Societies, were doing excellent work, while others were not, all depending upon the enthusiasm of the men controlling them. The fifty string realling shows. the enthusiasm of the men controlling them. The fifty spring stallion shows held last spring, did excellent work. Then came the harness and light horse shows, which set up high stan-dards for the people to follow. And last, but not least, came the Ontario Spring Stallion Show, which was ren-dering excellent service to the coun-liberal policy on the part of the Gov-ernment towards the horse industry, provided those interested in making requests for public monies had de-finite ideas and plans to present. One finite ideas and plans to present. One reason why Governments in the past had not dealt more liberally with the horsemen, was perhaps because the latter had not had a definite, well-thought out policy for the Government to follow.

ment to follow.

The banquet throughout was a most enjoyable one. Others who responded to toasts were: Mr. John Turner, Calgary; Mr. Robert Ness, Howick, Que; Mr. W. Hughes, M.P.P.; Dr. Andrew Smith, and Dr. Young. Messrs. W. E. Briggs, W. E. Wellington, and Noel Marshall Young. Messrs. W. I E. Wellington, and lacted as vice-chairmen.

We Must Aim Higher

C. F. W.

C. F. W.

The records of two cow testing associations in the Province of Quebec are full of interest. In one association, the highest yield of any cow in a certain herd during six months, June to November, was 132 lbs. fat. In a neighbouring herd the best yield was 250 lbs. fat. This is a difference like the company of This is not a contrast between a good and a poor cow, but between the best cow in each herd. In this case 20 cows of the one kind equal 44 of the other as regards value of product. Why should not the returns from socres, yes hundreds, of our dairy cows be increased by \$17 each. They could be, were farmers fully alive to the possibilities of systematic improvement.

In another association a more start.

In another association a more start-