

and thrift, and, unless extraordinary care be exercised, it is best not to attempt to bring up a lot of poor, starved, worthless brutes, that no amount of after care and feed can ever make profitable or saleable. They never have their digestive organs developed sufficiently to allow any kind of after feeding to prove of much benefit in bringing them into shape for future usefulness; their forms are stunted, their coats are staring, and their whole appearance is just what will disgust a man that is trying his first experiment in cattle feeding.

Feeders will find that they must get down in sober earnest and make a special business of producing the sort of cattle that are required for export, or rather the sort of cattle that will, first of all, pay a profit for the breeder, the feeder, the exporter and the English butcher. No amount of clever dealing can possibly make a steer that has been four years in making 1,400 pounds a good steer for the producer, and this sort is generally a loss to all concerned. It is only a question of time when all that are on the higher-priced lands will have to adopt better systems of beef production, and by the manner in which experiments of the different stations and the experience of those that have already tried it, the silo will make a great revolution in the storing of large quantities of food supply. We are sure that for feeding for beef this should take the place of roots, as corn, which is much used for this purpose, is a much more certain crop in our dry climate, and will yield an immense weight per acre, and horse labor and machinery can also be used to better advantage in its production. Other crops can also be used, such as oats, and rye, and the latter can be cut in time to grow another crop, such as hungarian millet, or turnips, or for corn for late soiling, rape, etc. By this means many of the foul weeds could be got rid of.

Holstein-Friesians at "The Waldrons."

Within a few minutes drive from the northern boundary of London, Ont., Mr. R. Howes Crump, proprietor of "The Waldrons Stock Farm," Masonville P. O., has for the past few years been breeding Holstein-Friesian cattle. Mr. Crump has had considerable practical experience in handling this esteemed dairy sort, having been intimately connected with their breeding and management, as he for many years managed a farm in East Prussia, where a pedigree herd of over a hundred head were kept. This breed were almost exclusively kept in that locality, which quite closely adjoins the section of country where they were first originated. Having thus learned their good dairy qualities, and obtained the knowledge of how to handle them, very soon after commencing farming on his own account, he decided to stock his farm with this sort. With this end in view Mr. Crump visited the herd of M. Cook & Sons, Aultsville, Ont., late Lord, Cook & Sen, which were among the first to bring these cattle into Ontario. From them he selected five heifers of exceptionally good breeding, to form the foundation of his new herd. To mate with these he purchased, of the Wyton Stock Breeders' Association, Sir Archibald Aaggie of the far famed Aaggie family, and belonging to especially good performing strains, his dam Aaggie Ida having a milk record of seventy-five pounds per day, and a butter record of twenty pounds per week on grass, while his sire's dam Bles, has a milk record of sixty-four pounds per day on grass. Of two imported cows in The Waldrons herd, Lady Zantha, im-

ported by B. B. Lord & Sons, Sinclairville, N. Y., sired by William III., whose dam has a milk record of eighty-two pounds per day. Doralise 2nd, also imported by the same firm, and got by Jacob 2nd, whose dam has a milk record of 82½ pounds per day, Doralise herself having a record of 50½ pounds per day, as a two-year-old. Millicent, by Lord Byron, whose dam Sneeker, has a milk record of 86½ pounds per day, and a butter record of 19 lbs. 8 oz. per week. For three consecutive years Mr. Crump showed his cattle at the Western Fair, London, winning quite a number of prizes in the highest company, and he has had a fair share of patronage, having found ready sale for them. He is in favor of assisting the tendency to early maturity, by developing their milking qualities as early as possible, he therefore breeds his heifers to have their first calves at two years old, and believes the best results are thereby obtained.

Our Scottish Letter.

CLYDESDALES.

The year 1890 was one in which a good trade was done in Clydesdales with Canada, but there are indications that some causes may operate adversely against it in 1891. It is to be hoped that the effect of the operation of the McKinley Act, in curtailing the trade in Canadian work horses with the United States, may not be so disastrous as some of our friends anticipate, as, of course, in that case it can hardly be expected that Canadians will be very lively in their demand for breeding horses.

Our local horse breeding associations have been very active during the past few weeks, and many first-rate horses are now under hire for 1891. I incline to think that terms are probably easier than they were a year ago, but the demand seems to be quite as great as ever. Upwards of thirty well-bred registered Clydesdale stallions have been arranged for, and the demand is likely to go on until the date of the Stallion Show, which this year is to be held on Friday, March 6th. Mr. Peter Crawford, Eastfield House, Dumfries, has let not less than ten stallions, including, in addition to those formerly named, Darnley's Hero, which he purchased a few months ago, to the Clackmannanshire Society; Lawrence Agani, the third prize two-year-old colt at Dundee, to Lady Ossington's tenantry in Ayrshire; Eastfield King, second prize two-year-old colt at Kilmarnock in 1890, to the Strathearn Society for Crieff District of Perthshire; Prince of Galdenoch to the Dumbartonshire Society, and the exceptionally good horse Eastfield Prince, first prize two-year-old horse at Melrose, to the Rhins of Galloway Horse Breeding Association. Mr. William Montgomery, Banks, Kirkcudbright, has hired the Dalbeattie premium horse of last year, the Mackinlay, to the newly-formed Horse Breeding Association for Stirling District, and a fine young horse named Patrician, got by Prince of Wales, to the Renwick Horse Breeding Society, in Kirkcudbright. He has sold the promising young horse the Macian to Sir Richard Graham, Bart., the Laird of that famous estate of Netherby, in Cumberland, for the service of mares owned by his tenantry. Mr. William Taylor's great horse Sir Everard (5353,) three years in succession winner of first prize at Glasgow Stallion Show, has been hired by a new horse breeding association organized in Kintyre, where he ought to do excellent service.

SCOTLAND YET.

Shorthorns at Auction.

The fact that long prices are not looked for at present for Shorthorns, or, in fact, any of the pure-breeds of cattle, and that only the best quality of milking and feeding stock pays to breed, should be an inducement for those that are breeding any kind of cattle on their farms to invest now. Less than three years ago a sheep could scarcely be sold at any price, except to butchers and shippers. Now buyers are scouring every district to purchase breeding sheep of any of the improved sorts; so it will be with cattle in the near future. Numbers of good, pure-bred cattle have been slaughtered for beef, and many herds have been reduced. We have not enough improved cattle to go round if the demand we had a few years back returns, which is as sure as the swinging of the pendulum of a clock.

THE BOW PARK SALE.

The ball opens with the Bow Park sale, on the Brantford Fair Grounds, on the 18th of this month. Any words we can say as to the standing of this well-known herd is almost out of place here. The high honors won all over this continent, thereby upholding Canada's supremacy as a breeding ground, should bespeak plenty of patronage for this sale. The herd has had the advantage of the best possible selections of bulls. This fact, together with the well-known ability of the Manager, Mr. John Hope, in directing how to mate them, should go a long way towards deciding where purchases should be made.

MR. JOHN ISAAC'S SALE.

which is called for the 25th of February—if our memory serves us, is the first public sale held by him. Cattle bred and imported by him are familiar to those who have frequented the show rings for the last twenty-five years. The Campbell or Kinellar cattle, of which Mr. Isaac's uncle, Mr. Sylvester Campbell, was the founder, are a fine fleshed sort. Mr. Isaac has long been very closely identified with this strain. The present lot consists of twelve imported cows from the Kinellar herd and their produce, and is, as we understand it, a clearing out sale, which will be held at his farm, about a mile from Markham on the Midland railway.

MESSRS. NICHOLSON BROS.' SALE

is fixed for the 4th day of March, and will be held at their farm four and a-half miles south of Parkhill station, on the G. T. R. They have obtained quite a reputation of late for the excellent cattle they are breeding. They have been especially successful in showing calves. Apart from their knowledge of how to bring out their animals in good form, much credit is due to the last bulls used in their herd, Prince Albert and Imported Warrior, both of which are well known in the show ring. In addition to this Messrs. Nicholson are most painstaking and successful breeders. Their sale catalogue contains the pedigrees of twenty-six animals, all of which are offered for sale.

MR. ROBERT BALLANTYNE'S SALE.

We have also received the announcement of the sale to be held by Mr. Robert Ballantyne, Sebringville, further particulars of which will be given in our next issue. In the meantime see advertisement in another column.

THE HON. M. H. COCHRANE, HILLHURST, P. Q., has decided to close out all his Hereford cattle, eighty in number, and will sell in lots to suit the purchasers.

MR. JOS. B. THORNTON'S SALE

of imported Clydesdale mares and mares bred from imported dam and sire. All registered and in foal. Six in all. His post office is Sweaburg, Ont.

All interested parties are invited to write for the catalogue issued by any or all of the above named parties.