

Halladay Windmills was also shipped to Germany but a short while ago, and but last week they sent an expert to erect eleven 16 foot geared windmills, on the "Kaye Farm," in the North-West Territories. They also manufacture feed grinders, haying implements, and all kinds of pumps, which have all received almost as hearty a welcome as their windmills. Our readers will do well to consider their new advertisement which appears with this number and if seeking anything in their department should at once write them for particulars.

**Chatham Wagons.**—These are manufactured by the Chatham Manufacturing Co. As a criterion of the demand for them at present, we may say that they sold during the last year, over two thousand of them, and that there are something over eight thousand of these wagons in actual use all over the continent. The satisfaction they have given augurs well for a trade of vast proportions. They have met with ready sale in all the provinces, as many as 750 going to the North-West last year. The main feature of excellence in these wagons is the patent climax truss rod, which gives the wagon greater capacity than any wooden axles could stand, and this, coupled with great ease in running, has been the secret of their great success. See their advertisement in this number.

**Scalding and Soaking Butter Tubs.**—Is it necessary to scald or soak a new white ash butter tub before putting the butter in? If so, please state which is the better, scalding or soaking. —READER, Wilfred, Ont. Both are absolutely necessary for the keeping of the butter for any length of time. The scalding should be done first to remove any dust or dirt that may have found its way into the tub. Hot water should first be used, and then it should be rinsed out with cold and set to soak filled with water and a few handfuls of salt added. This will not only prevent the butter from absorbing the flavor of the wood, but will also keep the butter better, for being thoroughly soaked, it will not absorb any of the brine or moisture of the butter, and will also more effectually keep the air from coming in contact with it.

**Toronto Industrial Fair.**—This fair is to be held the coming fall, from Sept. 9th to 21st. The work of preparation is being pushed rapidly forward, and everything that enterprise and ability can do is being done to make this the most successful and largest exhibition yet held. The Industrial fair has a reputation not alone confined to Canada, and we are assured that under its present efficient management, the coming exhibition will add a brighter lustre to its past record. The prize list to hand strongly bears out in this, as it is very neatly gotten up, and shows that every inducement is being held out for exhibitors to make a good showing. By dropping a post card to the Manager, Mr. H. J. Hill, Toronto, it will be gladly sent to any address. For the accommodation of the large exhibit expected, many new buildings that shall meet as far as possible the wants of the exhibitors are being erected.

**Our Cattle Trade.**—That earnest friend and patron of our cattle interest, Ald. Frankland, of Toronto, in a recent letter to the *Globe* of June 25th, written from Liverpool, gives some good advice to our Canadian feeders. We are one with him in this, and always have been so, believing that the question of early maturity of our stores is a powerful means to reduce the cost of production. He shows that the Americans have adopted the idea, and the result is that their trade, though they only get \$3.85 to \$4.25 per hundred, and we \$4.50 to \$5.00 per hundred, is paying better than ours. He says that the fact has been demonstrated so plainly in many parts of America, that they can build up a two-year-old steer to weigh 1360 lbs. live weight, and when slaughtered produces 734 pounds of beef, the very weight sought after in every part of Great Britain, and not only in preference to larger carcasses, but sells at a slight advance. He noticed that in the Liverpool open markets, that the first-class purveyors, selecting 30 or 40 carcasses, generally marked well-developed carcasses of flesh that weighed from 690 to 740 pounds. This matter we have before emphasized, but Ald. Frankland has given it a new impetus, and we hope it will be well looked into by our stockmen.

**A Fraudulent Agent.**—We are asked by the publishers of *The Horseman* of Chicago, to warn our readers against doing any business with them through one J. W. Healey, who is falsely representing himself as their agent, and collecting money on subscriptions, etc. *The Horseman* will gladly make complaint against and prosecute him as soon as he can be found, and any one knowing of his whereabouts will oblige them by sending his address to their office. That others of their friends who have not been victimized by this man may be on their guard against him, his description is given herewith: Between fifty and fifty-five years of age; he is about five feet six inches tall and looks like a man who would weigh 140 pounds, but really is heavier; gray eyes, dark brown hair well tinged

with gray; moustache and whiskers of the same description, the latter worn short and close cut, in the form of side-burns. His hair is thin and he is bald on the top of his head. His complexion is sallow and features rather pinched. He was born in Quebec, can speak French, and for fifteen years was a commercial traveller for ready made clothing houses in Ham. ilton and Toronto. Almost every hotel man in Canada knows him. If any of our friends meet this man, they will confer a favor by telegraphing to *The Horseman* at once at that paper's expense.

#### Report of the Fruit Growers' Association.

The late report of this association is a publication of over one hundred and sixty pages, containing an abundance of horticultural information from the best authorities in Canada, if not in America. This volume contains many original papers that will pay every farmer in our Dominion to thoroughly peruse and think over, for with advancing years this industry will surely attain to an important position in our commonwealth if our conditions are interpreted rightly. This association has been hurrying on the improving of our fruit growing interests with commendable zeal, and the fruition of their toil is becoming apparent in many a garden, orchard and farm. The society has done well to leave some memento of their appreciation for the industry and enterprise of its president, Mr. A. McD. Allan, of Goderich, in the form of a frontispiece to the present volume. This gentleman has been strongly identified with this interest for years past, and has worked nobly to uplift one of the representative divisions of Canadian agriculture. No farmer should slight this branch of our husbandry, but all should show their appreciation of the work that is being done by at once becoming enrolled on its list of members. It would be impossible to review this report owing to the abundance of matter it contains, but we shall from time to time make draughts on its pages.

**Clydesdale Exportation.**—The exporting season of 1889 has begun in good earnest, upwards of forty head of pedigreed horses having left the Clyde for the United States and Canada during the past few days. The total number exported since 1st January is quite equal to the number exported during the corresponding period of the previous year. Half-a-dozen of those exported lately go to Winnipeg, and are the property of Messrs. J. & A. McHattie, Aberdeen. Mr. Jos. Vance, Hamburg, Ontario, purchased four well-bred horses from Mr. C. Lawson, Mains of Culter, which left the Clyde on Friday. Eight animals of approved breeding and good quality were shipped by Mr. Gilmour to Toronto at the same time. A first-class selection of eight well-bred horses was made by Tolbert W. Evans, Yelverton, Ont., from the studs of Mr. Walter Park, Hatton, and Mr. Arthur Lang, Garneyland, Paisley. Amongst these were two capital colts purchased from Mr. Lang, one of which was third at Barrhead, fifth at Maryhill, and fifth at Paisley, and both of which are well colored, highly bred animals, calculated to improve the native stock of Canada. Amongst those purchased from Mr. Park were several promising animals, got by Sir Hildebrand, 4024, which was first at the Royal in 1886, and Jordanshaw, 3343, the Kinross premium horse of this season. An outstanding filly in this lot was Paisley Gem, a beautiful yearling, which gained first prize in the Derby at Paisley last Thursday. This filly was bred by Mr. Love, Margaret's Mill, Kilmacool, and got by Jordanshaw, out of the mare Miss Lawrence, which in 1884 stood second to Edith Plantagenet at Glasgow summer show. The shipment made by Mr. Evans last year was one of the best that left Scotland, and the farmers of Canada have appreciated the service rendered by the importation of a better class of animals. Several of them were winners at the shows in autumn, and all of them have been sold to good advantage. —*North British Agriculturist.*

#### Stock Notes.

Parties forwarding stock notes for publication will please condense as much as possible. If written separate from other matter, it will save much labor in the office. No stock notes can be inserted that do not reach the office by the 23d of the month preceding the issue for which they are intended.

#### Horses.

A pure bred Clydesdale stallion is offered for sale by Messrs. Rathbun & Baikie, Deseronto, Ont. See their advt. appearing in this number.

Mr. James Henderson, of Belton P. O., Ont., informs us that his two pure bred Clydesdales, Lord Ullin, a 4-year-old by Darnley, and Day Wallace, also a yearling, have done good work this season, and are in excellent health.

#### Shorthorns.

Mr. J. E. Brethour, of Oak Lodge, Burford, Ont., who breeds Shorthorns and Berkshire pigs extensively, makes a change in his card in the Breeders' Directory.

Mr. John Dryden, of Brooklin, well known as a breeder of Shorthorns, Clydesdales and Shropshire sheep, makes a change in his advertisement with this number. He offers some choice rams and lambs. See advt.

Mr. George Ballachey, jr., of Brantford, Ont., places an advertisement with us, offering for sale a number of bull calves, Shropshire rams and Berkshire boars and sows. Intending purchasers should not fail to see this advertisement.

Mr. D. K. High, of Jordan P. O., Ont., writes us: "I am sorry to report the death of my yearling Shorthorn heifer which I have purchased from Arthur Johnston, Greenwood P. O., Ont., Nonpareil Duchess = 15065 =, got by Duke of Lavendar imp. = 1243 = (57135), dam Nonpareil 36th imp."

Mr. McHugh, proprietor of Kendallville herd, Cresco, Iowa, reports the following averages obtained at his recent annual sale: 35 females averaged \$116.30; 11 bulls averaged \$120; 46 animals aver ge \$117.15. The chief purchasers were farmers who were starting as breeders. The Cruikshank bull, Double Gloster, at present stands at the head of the herd. He elicited many compliments from the onlookers when he was led into the ring, just before the sale, with a number of his get.

Messrs. Green Bros., The Glen, Innerkip, report the following sales of Shorthorns: A roan yearling bull, sired to Mr. Robt. Scott, Blandford, and a red yearling bull, sired to Mr. Joseph Hill, Paris. Also the following consignment to an American purchaser for shipment to Buenos Ayres, South America: their imp stock bull, Eclipse; a four-year-old cow, Daphne, sire Earl of Mar, dam, Duchess of Springbrook, and a red heifer calf, Camellia. Included in this shipment was a very nice four-year-old bull, Premier, bred by Messrs. Green, and owned by Mr. Robert Scott, Blandford. This is, we believe, the first shipment of Shorthorns to South America from Canada.

J. E. Brethour, Oak Lodge, Burford, Ont., writes: "I beg to report the sale of the following Shorthorns and Berkshires: Chas. H. Robertson, Paris, 1 bull and 2 year heifer; Messrs. Green Bros., The Glen, Innerkip, 1 bull; Lewis Hand, Burford, cow and 2 year heifer; H. G. Roy, Mt. Vernon, 2 cows; W. G. Cavan, Alden, New York State, 3 sows; J. G. Bechtell, Burford, 1 sow; Wm. Penn King, Oak Wood, 1 boar; C. R. Decker, Chesterfield, 1 boar; W. F. Mallory, Burford, 1 sow; John Husband, Bronte, 2 sows; V. R. Adams, Dayton, 1 boar; T. & J. McKenzie, Scotch Block, 1 boar and sow; W. C. Burn, Princeton, 1 sow; Messrs. Green Bros., Innerkip, 1 sow; Hugh C. Hammer, New Durham, 1 boar; Jas. Howsells, Gleneshee, 1 boar; Lewis Bond, Burford, 1 sow; J. R. Martin, Cayuga, 1 sow; Wm. Thirlwall, Kentville, N. S., 1 sow and boar; Dugald Campbell, St. Thomas, 1 boar; C. Edgar Whidden, Antigonish, N. S., 1 boar; W. G. Cavan, Alden, New York State, 1 imported boar, 7 breeding sows, and 8 boars, 3 to 8 months old; James Playfair, Sturgeon Bay, 1 boar; Jas. Gibbs, Brookside, 1 sow; Chas. Young, Brookside, 1 sow and boar; Ed. Gage, Hamilton, 1 sow. The demand for Berkshires, possessing good bone and size, has been very active this season. I have yet about thirty boars and sows of different ages which I will sell at farmers' prices to make room for a fresh importation that I am expecting in June. I find the *JOURNAL* an excellent medium to reach intending purchasers."

#### Holsteins.

Messrs. J. & W. Sangster, Ormstown, Que., breeders and importers of Holsteins, place their card in our breeders' directory.

Mr. John Leys, M.P.P. of Toronto, Ont., reports the sale of eight head of Holsteins, seven cows and a bull, to Mr. C. E. Geddes, Pincher Creek, N. W. T. They are credited with being an extra fine lot and will no doubt do much to widen and extend the field of this useful breed.

Messrs. J. E. Page & Son write us as follows: "The value of our grand bull Clothilde and his Artis is being appreciated. We have sold all our bull calves at good prices. Sales this spring and summer number 21 animals. The milk and butter records of Clothilde and his Artis' dam and grand dam is without an equal—namely, an average annual milk record of 24,811½ lbs. at an average age of five years, and 26 lbs. 12 ozs. of butter in 7 days. His heifer calves are wonderfully developed, among which is Carline, dam, Carlotte, H. H. B. 1266. A. R. 164, butter record, 23 lbs. 1½ ozs. of butter in 7 days, and 91 lbs. 2¼ ozs. in 30 days, 18 18 lbs. of milk being required to make a pound of butter. She is one of the most noted breeders living. Five of her calves sold for \$1000 each. Our herd contains Carlotte's Netherlands, a son of Carlotte and Netherlands Prince, and is the handsomest and best developed yearling bull we ever saw."

Mr. R. S. Stephenson, of Ancaster, Ont., who has a fine herd of Holsteins, writes us: "Johanna Tensen, one of our cows, has milked 71 lbs. of milk in one day on grass alone, and without any previous preparation. Her daughter, Catharine Tensen, now three-years-old, gave 66 lbs. in a day. These records are not anything very unusual for Holsteins, but they show what they are capable of doing in the hands of ordinary farmers. Our young bull, Netherlands Romulus, is developing into a very fine animal, and is pronounced by every one who has seen him, as being a magnificent bull, and from his excellent breeding he must leave the impress of his stock in the herds of the farmers who use him. Our old stock bull we have been obliged to fatten. He weighed a short time ago 2600 lbs., and is still gaining. When we first began feeding him he gained for one month nearly four lbs. per day."

Messrs. A. C. Hallman, New Dundee, Ont., write us: "Since our last report we made the following sales: A very choice yearling heifer, sired by our famous Aggie bull, to Isaac Hallman, Listowell, Ont. Mr. Hallman purchased a thoroughbred bull several years ago from us, and was so well pleased with the improvement, that it encouraged him to invest in a thoroughbred female, adding another proof where Holsteins have once gained a foot-hold, they are bound to stay. A bull calf to Jacob Wager, Wellesley. Mr. Wager is a dairy farmer, and has considerable experience with grades, and is so well pleased that he still intends to further improve his herd. Owing to the very