

all at the same time. The maker claims that this mill separates and grades oats, barley, wheat, rye, buckwheat, peas, beans, corn, clover and timothy. It takes out every grain of cockle, chess, rye, oats, pigeon-weed, mustard, plantain, and all foul seeds and broken grains of wheat, and at the same time makes the second class or market wheat perfectly merchantable.

E. L. Gould & Co., Brantford, Ont., showed a very serviceable and exceedingly light running mill, made of good material and well put together.

Manson Campbell, Chatham, Ont., showed a full line of his Chatham Fanning Mills, 30,000 of which are now in use. In speaking of his mills Mr. Campbell said:—I wish to draw the attention of the farmers to the superiority of the Chatham Fanning Mill, and when I state as a fact that I have sold on an average 16 mills every working day for two years in the Province of Ontario, it speaks in louder terms than any words I can use. In 1890 I sold over 4,300 mills, and in 1891 I went over the same ground and sold nearly 5,000 mills—9,000 in the two years. There must be merit to back up the mill, or it could not be done. The bagging attachment is also fast growing in favor. I only started to manufacture baggers four years ago. The first year I made 25; the next year 600; the following year 1,600, and in 1891 I sold over 3,000.

Fencing is always a subject which interests agriculturalists. At Toronto this year several patent wire fences were exhibited. None, however, seemed to us of practical value except the dead lock, manufactured by the Jones National Fence Co., of Columbus, Ohio, U.S. This, in our judgment, was by far the best patent fence ever shown in Ontario—cheap, durable and easily constructed. It doubtless will revolutionize fence building. We hope at a future date to write more fully of it.

Among the windmills nothing specially new was shown. Several firms, whose advertisements will be found in our columns, made displays.

The Pedlar Metal Roofing Co., of Oshawa, showed several different styles of their patent steel shingles.

The Metallic Roofing Co., of Toronto, have a small office on the grounds built entirely of sheet steel siding and Eastlake steel shingles.

The Mica Roofing Co., of Hamilton, also exhibited mica roofing, which they claim to be fire and water proof.

#### Fruit in Manitoba.

Let the skeptics who say that apples will not grow in this country put this in their pipes and smoke it! Mr. J. F. Rowe, photographer, showed us two large, fine looking apples that he had taken from a tree in his garden. The tree is a Duchess of Oldenburg, and was set out a year ago last spring. Early this season it was covered with blossoms, and fifteen apples formed on it. The tree is not large, and, fearing that so many would injure it, Mr. Rowe allowed only two to come to maturity, but they are beauties, and should convince the most skeptical that apples will grow in Manitoba as well as Ontario. Mr. Rowe has the apples on exhibition in his window.—[Portage la Prairie Review.]

The following varieties of fruits, grown in the garden of Mr. Thomas Frankland, Stonewall, have been on view at the provincial immigration office, Winnipeg:—Seedling crabs, Russian apples, six varieties of plums, vegetable peach, garden lemon, ground cherries, nest-egg gourds and peanuts. We might add that Agent Smith's display of fruits, vegetables, etc., was one of the finest ever seen in the province, and was witnessed by hundreds of citizens as well as visitors in this country.

A special feature of the fall fair at Austin Man., was the native apples grown by Mr. David Hall. There were ten perfectly mature apples, grown on two trees that had survived the severity of last winter.

#### P. E. I. Provincial Exhibition.

(From our Special Correspondent.)

The annual P. E. Island Provincial Exhibition of 1892 was a grand success. The number of entries in nearly all the classes for live stock, and in the other main departments of the show, was most gratifying. The weather during the four days of the show was all that could be desired, while the number of visitors attending the fair was the largest that ever attended a Provincial Exhibition in this province. On the third day, which was announced to be the best attended, it was estimated that there was fully ten thousand people on the ground. This is quite a large gathering for this small province, and will give an idea of the interest taken in the exhibition. As the admission tickets were 25 cents for ladies and 50 cents for gentlemen, the gate receipts footed up quite a snug sum, and will doubtless give the shareholders a dividend for which they have waited in vain for several years, and should enable the directors to enlarge the prize list next year. The exhibition this year was held from Sept. 27th to 30th, a week earlier than previous years, and it was contended by some to be a fortnight too early, but we got through our harvest unusually early this year, and the time proved to be well chosen. The number of entries of horses was somewhat over 200, standard-breds and carriage horses predominating. In these classes there was very strong competition, and there was a decided improvement over the exhibit of former years. In the classes for Heavy Draught, Shire, Clydesdales and Percherons the competition was meagre, and the quality of those shown was hardly up to former years. There seems to be a lack of enthusiasm in the breeding and feeding of heavy horses just now, owing to the depression in prices for this class. The show of cattle was quite up to, if not excelling that of former years. In Shorthorns the females shown were good, but the bulls, especially aged ones, were inferior. There is plenty of room for improvement in this class. The Ayrshires were a fair lot throughout, some real good bulls and females being shown. But the most creditable show of cattle of the whole exhibit was the two competing herds of Herefords; the first prize herd, belonging to Mr. Frank Nelson, of Cornwall, was a credit to their owner. The females were as smooth a lot of cattle as one could wish to see, and they were in the pink of condition. The bull at the head of the herd is individually first-class, and his breeding superb. The second herd was the property of Hon. John Yeo, of Bideford. His cows were larger, but not as smooth as Mr. Nelson's, and the bull at the head of the herd was inferior.

In sheep the competition was very keen, and the whole exhibit was far ahead in quality of that of any previous year. In numbers the Shropshires had the advantage, but in quality the Leicesters were away ahead. The judge, one of your Ontario breeders, said they were a credit to the province, and a hard lot to beat anywhere. Perhaps the strongest section in this class was that of shearing rams, in which twelve of the best ever shown here were brought forward. The judge, after a long deliberation, gave the red and blue tickets to Wm. Clark, North Wiltshire, who showed two excellent rams. The honors in this class were pretty evenly divided between Henry Lane, Albert Boswall and Wm. Clark, Mr. Boswall getting first prize for best flock.

Pigs were the best ever seen here, and superior to that of previous years, both in regard to numbers and individual merit. The pens were full to crowding, and it is evident that more room will have to be provided. Berkshires were slightly in advance as regards numbers, and were a fair lot throughout. The leading exhibitors and chief prize-takers in this class were Messrs. S. W. Drake and Geo. Drake. The Improved

Yorkshires were a creditable lot, both in number and quality. Aged sows were a particularly grand class, some splendid animals competing. The chief exhibitors in Yorkshires were Messrs. Geo. J. Wright and Wm. Clark.

The poultry exhibit was never equalled here. Every coop in the building was filled, and some exhibits could not get room. This building will also have to be enlarged, if exhibitors are to be treated fairly. In most of the sections the quality of the birds shown was very fine, but the Light Brahmas and Silver Laced Wyandottes were particularly so.

In the main building the show was good. In the various departments of roots, vegetables and cereals, and also in the dairy department, the number and quality of the exhibits was most encouraging. The display of fruit was certainly worthy of special mention. It was a surprise, not only to visitors from abroad, but also to ourselves. The show of grapes, pears and plums was good, while the display of apples was grand. The Alexanders were of enormous size. The Duchesses of Oldenburgh were perhaps ahead, both as regards number and in the quality of the exhibits. But we will not particularize. Suffice it to say that the exhibit of apples should teach us that our import trade of apples might be stopped at once, if our farmers would turn their attention a little more to this important branch of farming.

#### The Dairy, Agricultural and Horticultural Exhibits at the Western Fair.

While the quantity of cheese shown at the Western Fair was not so large as last year, yet the quality was exceptionally good, and there were parcels of cheese shown that would be a credit to the exhibit at Chicago next year.

In butter the display was really very fine, and far in advance of last year, and competition was keen, both among the dairy classes and creamery as well. The special prizes, both for butter and cheese, no doubt helped to bring out these fine displays. The exhibitors and directors of the fair are indebted to the chairman of this department for securing so many special prizes in that department.

A very interesting, instructive and attractive feature in the dairy hall was the large and attractive display of dairy goods and dairy machinery and appliances shown by Messrs. John S. Pearce & Co., of London. The Alexandra Separator was shown in all its sizes, from the Little Hand No. 8, which will separate from twenty-five to thirty gallons per hour, up to the No. 1, whose capacity is three hundred to three hundred and fifty gallons per hour. Hundreds of dairymen, dairywomen and farmers saw these machines for the first time in their lives, and the expressions of surprise and wonder were many and amusing. To anyone who has not read much about these machines, and who does not understand the principles of centrifugal force, these machines are a great mystery and curiosity. The Babcock Tester also came in for a share of comment and wonder. The above firm have had a large demand for these machines the past season, and no doubt the demand will still continue, for every cheesefactory, every creamery, and in fact every dairymen who wants to improve his herd of cows as milkers, should buy one.

Parchment paper for wrapping butter, lining tubs, etc., was also much sought after and enquired about. This is something that every dairywoman who makes butter for market should have.

In the agricultural hall the display of roots and vegetables was not what it should have been. This was due to the fact that, the season being unfavorable for the growth of roots, etc., farmers and gardeners were indifferent about making exhibits. But this is something that we do not understand, nor can we see why they should not take the same trouble in a poor year