

competition. The pigs and poultry were but a meagre display, and might easily have been quadrupled within a radius of two miles of Guelph. Indoors things were better. The show of grain was excellent: finer spring wheat and barley we never saw. In flax seed there was considerable competition, and some fair samples were shown. Mr. Henneberry, of Fergus, showed the only specimen of scutched flax, which was prepared with the brakes now manufactured by Mair, Inglis & Co., of Guelph. A special prize of \$25, offered by W. J. Brown, Esq., for the best dressed flax, was awarded to Mr. Henneberry. Mr. Jos. McGarr, of the Waterloo Road, exhibited some ropes, twines, &c., of his own manufacture. The display of roots was magnificent. It would be difficult to surpass them, especially the potatoes and turnips, anywhere. Two fair samples of Indian corn were shown, but this is a grain against which there seems to be considerable prejudice in the County of Wellington, for what reason we know not. The show of fruit was limited, but of good quality. Domestic work was shown pretty largely, and there were some good specimens of embroidery. The implement part of the exhibition was not extensive, though some of very good manufacture were on the ground. At the dinner in the evening, much interest was excited by the presence and remarks of Sanford Howard, Esq., late of the *Boston Cultivator*, and now Secretary of the Michigan State Agricultural Society, and the Michigan Agricultural College.

WEST BRANT.—The Exhibition for this County was held the day following that at Guelph, viz: Wednesday, 12th inst. This county has extensive and pleasant grounds, together with a noble exhibition building, situated on a flat just west of the town of Brantford. As a whole, the Show was a most creditable one, and though the weather was rather unfavourable, the attendance was very large. The stock department was well filled, and the show of sheep was particularly good, especially in the Leicester and Merino classes. The assortment of poultry was large, and embraced some fine specimens. Implement manufacturers were out in full force. We noticed a very nice triple harrow, all iron, and were much pleased with the collection of ploughs. J. Bingham, of Norwich, showed a good double Michigan plough, and a light, nice one-horse plough of his manufacture. Straw-cutters, root-slicers, sawing machines, cheese presses, &c., invited attention. Mr. S. Day exhibited his gig hay rake, and Mr. Rundell, of Chicago, showed his horse pitch fork. The exhibition building, though a large one, was well filled. The display of vegetables was very fine. Several samples of cured tobacco were shown. Some immense pumpkins were to be seen. The array of fruit was exceedingly fine, particularly the out-door grapes, of which Mr. Arnold, of Paris, was the chief exhibitor. Some Flemish beauty pears, shown by Mr. W. Smith, were much and deservedly admired. The show of flowers and green-house plants was very good. In dairy products, the Exhibition was well sustained. Several samples of honey, home-made wine, and maple sugar were exhibited. There was also a large assortment of bread. Gould & Co., showed a splendid lot of stone ware from the size of a milk picher to that of a water barrel. Stoves, cabinet ware, the fine arts, &c., were represented, and to crown all, a Ladies' Bazaar was held during the show. A juvenile flute and drum band from Mr. Vernon did much to entertain the visitors. The little fellows really played remarkably well. A melancholy accident through a gloom over this Fair toward the close of the afternoon. A violent squall of wind and rain set in, and the force of the wind broke the flag staff that surmounted the judges stand in the midst of the horse ring. Sad to relate the broken top struck a man in the head who was holding a colt, and killed him on the spot.

COUNTY OF NORFOLK.—The Exhibition for this County was held at Simcoe, on the 13th inst. The weather was fine, though a little cold, and the show of cattle, farm products, &c., and the attendance of visitors, was encouraging, especially the latter. The grounds were crowded most of the day. The Norfolk Agricultural Society is poorly provided with buildings, a circumstance which conflicts very much with the success of its shows. The horse department was decidedly the best part of the Exhibition. The cattle were chiefly grades, but few pure-bred specimens being on the ground. The same remark applies to the rest of the stock. The sheep were strongly dashed with Leicester, Cotswold, or Southdown blood, but scarcely any of them were thorough-bred. So of the pigs, all of which we think were more or less tinged with nativism. The show of poultry was excellent. Very few implements were exhibited, but these were good. Two bee hives and several samples of honey were shown. The grain was first-rate,

especially the spring wheat and oats. There was a fine display of Indian corn. The roots were splendid. Over thirty entries of Swede turnips were made, a fact which speaks well for the tendencies of farming in Norfolk. Some good broom corn, and some well made brooms were shown. A creditable display of fruit was made. The apples were very fine. Several nice samples of flax were shown. There is we believe no scutching mill in the county. This defect we hope will soon be remedied. In domestic manufactures and the fine arts, the show was particularly good. There were some hair wreaths that exhibited no little skill and taste. At the reading of the prize list, addresses were given by Mr. Chrysler, President of the Society, and the Editor of *THE CANADA FARMER*.

Messrs. C. H. Waterous & Co.'s Portable Steam Saw Mill.

THE portable steam saw-mill exhibited by Messrs. Waterous & Co., of Brantford, was one of the most interesting features of the Provincial Exhibition, and deserves something more than the passing notice it received in our report, when a multiplicity of other objects of less importance were pressing themselves on the attention of our reporters. The mill was in operation during the Show, and elicited the warmest expressions of admiration from the thousands of spectators who stopped to look at it. The engine which worked the sawing apparatus was "stationary" in the technical sense of the term, and inasmuch as it was built into the ground in a substantial framework of brick but it was so simple and light, and with the attached saw-mill could be so readily removed, with a view to its being located where its services might be required, that the whole affair might with the greatest propriety be termed a "portable" steam saw-mill. It was astonishing to observe how much work the comparatively tiny mill got through with in a given time, and how satisfactorily the work was executed. Many mill-owners who stopped to look at and examine it, expressed their surprise at the rapid manner in which it cut up into one-inch planks the huge logs with which it was fed. It is capable of cutting 2,000 feet of inch lumber in a single hour. One peculiarity of the mill is that there is little belting required, and no extra wheels, as the piston-rod is attached to the shaft of the saw, thus making the action direct, and the mill more portable. The engine and saw-mill exhibited were made to order, this being the first time they were put in operation. They are found to last well, gentlemen present who had used a similar engine and mill for over five years testifying that no other expense had been incurred than what was the necessary result of the usual wear and tear. Messrs. Waterous & Co. deserve credit, not only for the mechanical skill shown in the construction of this very valuable machine, but for the spirit they displayed in exhibiting it in operation during the Show. The saw-logs were brought from Lynden, and 8,000 feet of one-inch lumber were cut each day during the few hours the mill was running—the men in charge had to be boarded at considerable outlay, and the expense altogether to Messrs. Waterous & Co., we were informed, footed up some \$300. The judges, singularly enough, did not award a prize for the "Portable Steam Saw Mill," for what reason we are not aware—but the Revision Committee, on having it brought under their attention, and having seen it in operation, promptly made matters right by awarding for it the distinction of a diploma. In bestowing this mark of honour, they but endorsed the universal verdict of the thousands who inspected it during the Fair week, that the "Portable Steam Saw Mill" of Messrs. Waterous & Co. was one of the most interesting and valuable features of the Exhibition.

THE WINNER AT THE PROVINCIAL PLOUGHING MATCH.—Mr. Walter Hood, who carried the first prize at the ploughing match, does not hail from Ancaster, as stated in the printed prize-list, but is a resident of Seneca Township, of which also he is a municipal councillor. Seneca township sent six ploughmen to the match.

FALL SHOWS.—The Addington County Agricultural Show is to be held in Newburg on Tuesday, 25th October. The Camden Township Show will be held in Newburg on Saturday, 22nd October. The Ernestown Show will be held at Odessa, on Thursday, 20th of October.

The Hamilton Horticultural Society.

THIS Society held its Fall Exhibition of fruits and flowers, on Tuesday the 20th of Sept. As usual, the show was very good, and the articles well arranged. The fruit was unusually fine, and in this department particularly there has been a very steady and marked improvement for several years. The number of entries of fruit was (257) two hundred and fifty seven. The grapes were excellent, and one of the out door sorts, Allen's Hybrid, was equal in flavour to some of the hot-house grapes.

The display of flowers, especially of green-house plants, could not be expected to be as large as at the exhibitions held earlier in the season, but the number of entries in this department was two hundred and eight.

The foliage plants were very well grown and made a beautiful display. We were most particularly gratified at the number of plants shown by amateurs, and especially at their healthy and beautiful appearance. A plant case intended as the first prize to be given for the best bouquet of dried grasses, ferns, &c., designed by Mr. Laing, was also on exhibition, and ought to call out spirited competition.

There was also a display of very fine vegetables, the entries numbering 331. We rarely see finer cauliflower, celery, carrots, &c. &c., than were here brought together. In this department also the amateurs showed that skill and knowledge are by no means the exclusive prerogative of professional gardeners. The H. H. Society is doing a good work, may it long prosper.

Double Number.

WE are making arrangements to issue, on the 1st prox., a DOUBLE NUMBER of *THE CANADA FARMER*. As the issue of our first number was unavoidably postponed until Jan. 15, we must, in order to be even with our subscribers, supply an extra number sometime during the year. We take the opportunity of doing this in connexion with the publication of the prize list which, in its officially corrected form, will appear in our next. The forthcoming number will also contain engravings of prize animals at the Provincial Exhibition, and be, on various accounts, specially valuable for permanent reference. New subscribers will do well to secure the double number by forwarding their subscriptions for 1865 forthwith.

THE EX-PRESIDENT'S RETIRING ADDRESS.—Finding that Col Johnson's address at the recent Provincial Exhibition occupies considerable space, and being unwilling to curtail it, we have postponed its publication until our next. It will appear in the double number.

BEARS' WOOL, MITTS.—Mr. W. H. Thornbury, of Avening Mills, Nottawasaga, has left at our office a curiosity in the shape of a pair of mitts, made of wool shorn from a native bear. This animal is of the variety commonly known as the Brown-nose Black bear, and was caught when a cub near Angus, in the County of Simcoe. Mr. T. has had him about 18 months, and has tamed him by kind treatment, so that he is not afraid to unchain him and let him follow his master like a dog. He hibernates for about three months in the coldest weather. Last spring he was shorn with a pair of shears, such as are used in shearing sheep. A pound and a half of wool was obtained. Mr. T. thinks from 4 to 6 lbs might have been got, had he been shorn earlier in the season. The wool was carded at the Stayner Carding Mills, Nottawasaga, in the usual way, and then spun and knit. It is wool, though a little hairy. We advise the owner of this creature not to trust him too implicitly, especially among children. Though his clothing outwardly resembles that of a sheep, yet inwardly, doubtless, he has the disposition of a bear.

LARGE CAULIFLOWER.—Mr. Robert Passmore, of Rockwood, has sent us a specimen of his gardening in the shape of a large cauliflower, from 17 to 18 inches across. The bloom was very compact, and fine in texture, and the flavour was all that could be desired. We question if it was surpassed in any respect at the recent Provincial or local Exhibitions.