

that plums of keeping quality, and which could be marketed there in great quantities.

Regarding pre-cooling fruit, Mr. Crow instanced a shipment from Oregon to New York. The fruit was packed in boxes and put into the car, and the car was kept at a temperature during the trip, lasting about 15 days, was but 2 degrees. If such system of pre-cooling were combined with proper packing, the bulk of Ontario fruit could be placed on the Western market, and sold at figures that would insure a fair margin for the Ontario men.

RESOLUTIONS.

The committee on resolutions asked that the thanks of the fruit-growers be tendered the Grand Trunk Railway Company for renovating and enlarging the Scott Street freight sheds for the storing of fruit on arrival in Toronto. Another resolution read: "That the Dominion Government be asked to appoint additional fruit inspectors, whose duties it would be to look after the interests of the producers of tender fruits."

A vote of appreciation at the manner in which President Peart had presided over the various sessions, was carried unanimously.

GREAT HORTICULTURAL DISPLAY.

Some idea of the extent of the fifth annual Ontario Horticultural Exhibition, held in Toronto last week, can be gained from the fact that there were approximately 2,000 entries tabled or benched in the various fruit classes, 1,053 square yards of space, covered with flowers and plants, and 424 square yards devoted to one of the finest vegetable displays ever seen in Canada. "Neat and artistic arrangements of high-class products" was the unanimous opinion of visitors. The value of such a collection of horticultural products in educating growers to strive to supply goods of higher quality, and in letting consumers see what Ontario soils can produce in the way of delicacies cannot be gainsaid. The verdict of all who pay an annual visit to this great function was that the display of 1908 was superior to that of former years in extent and quality. The management, too, deserve great credit for the bright and attractive appearance given the St. Lawrence Arena on this occasion, and for the excellent musical programme that was rendered while the products of the soil were being scrutinized.

FRUIT EXHIBIT.

The superior quality of this season's apples, as seen on the tables, was a surprise to many, and particularly to those not acquainted with Ontario's apple-growing districts. In many cases the specimens were sufficiently highly colored to indicate that they had been treated to a sunbath under glass; but such was not the case. The favorable season, combined with advanced methods in every operation connected with their production, resulted in making this staple fruit so attractive. The box and barrel display was particularly strong. Each exhibition reveals the fact that gradually Ontario growers are becoming adept at packing apples and pears. In the opinion of P. J. Carey, who judged in these classes, four-fifths to nine-tenths of the pack could be improved upon but little. In a few cases it was found necessary to place the prize on what could not be considered the best fruit, because of defective packing. As a rule, however, the man who does not pack well is a poor sorter. Occasionally a man forgets quality in devoting his attention to neat and scientific packing. One grower packs with the boxes sitting on edge, and thus gives lack of uniformity to a section display; others in nailing down the lid on a box put nails in the edge; some leave the packages too slack, but none could be credited with over-filling.

In prowess among the districts, this year's palm goes to Norfolk County. The Norfolk people led in quantity, quality, packing, and, in fact, in everything that goes to make fruit-growing successful. Baldwin, Spy and King were perfection. The Norfolk Fruit-growers' Association's display, arranged under the supervision of Manager Jas. E. Johnson, of Simcoe, was the most interesting feature of the exhibition. It was not competing for a prize, the object being simply to let buyers and others see that this county was capable of producing apples second to none in the world. The Norfolk men have succeeded, and next season is bound to find the fruit of this association more strenuously sought after than ever before. The display comprised 60 varieties, but leading commercial varieties were given prominence throughout. Huge Alexanders proclaimed the home of out. "Norfolk." Pyramids, plates and neatly piled borders aided in making this the greatest apple display ever seen in Ontario.

The Central Experimental Farm, of Ottawa, had an attractive collection of seedlings and fruits of various kinds. Fruit experiment stations in Ontario, though not so much in evidence as they were at some of the previous shows, had some fine fruit on the tables. A. E. Sherrington, of Walkerton, and G. C. Caston, of Craighurst, each had creditable displays. County exhibits again proved

to be a strong feature, though other counties showed more of an effort to advertise their fruit-producing capacities. The Ontario Agricultural College was conspicuous with a display of insect and fungous diseases, and the injuries done thereby.

Awards were made for boxes and barrels by P. J. Carey and H. W. Dawson, of Toronto. The competition was so close that minor details frequently had to be taken into account in deciding where the cards should go. The results were:

Export or foreign market varieties; barrels ready for shipment: Baldwin—1, Jos. Gilbertson, Simcoe; 2, Norfolk F-G. A.; Simcoe; 3, Jas. E. Johnson, Simcoe. Ben Davis—1, Oshawa F-G. A.; 2, Chatham F-G. A.; 3, Frank Dempsey, Albany. Golden Russet—1, W. C. Oughtred, Clarkson; 2, Chatham F-G. A.; 3, J. B. Guthrie, Dixie. Greening (R. I.)—1, Jas. E. Johnson; 2, W. H. Dempsey, Trenton; 3, Oshawa F-G. A. King—1, Norfolk F-G. A.; 2, Jos. Gilbertson; 3, Jas. E. Johnson. Spy—1, Jas. E. Johnson; 2, Jos. Gilbertson; 3, Norfolk F-G. A. Stark—1, W. C. Oughtred; 2, Oshawa F-G. A.

Domestic or home market varieties; barrels ready for shipment: Blenheim—1, Brown Bros., Humber Bay; 2, W. C. Parker, Humber Bay; 3, Oshawa F-G. A. Gravenstein—1, Oshawa F-G. A. Ontario—1, J. B. Guthrie, Tolman—1, Norfolk F-G. A.; 2, Oshawa F-G. A.; 3, J. B. Guthrie, Roxbury Russet—1, Oshawa F-G. A. Any other variety—1, Norfolk F-G. A.; 2, Oshawa F-G. A.; 3, Norfolk F-G. A.

Export or foreign-market varieties; standard boxes ready for shipment (unwrapped): Baldwin—1, R. Thompson, St. Catharines; 2, W. G. Watson, Dixie; 3, F. G. Stewart, Homer. Fameuse—1, W. G. Watson; 2, W. H. Dempsey, Trenton; 3, Brown Bros., Humber Bay. Golden Russet—1, W. G. Watson; 2, Jos. Gilbertson; 3, Brown Bros. Greening (Rhode Island)—1, F. G. Stewart; 2, Norfolk F-G. A.; 3, W. G. Watson. King—1, W. G. Watson; 2, Robt. Thompson; 3, Jos. Gilbertson. McIntosh—1, W. C. Parker, Humber Bay; 2, Oshawa F-G. A.; 3, C. L. Stephens, Orillia. Spy—1, Jos. Gilbertson; 2, Jas. E. Johnson; 3, W. G. Watson.

Domestic or home market varieties; standard boxes ready for shipment (unwrapped): Blenheim—1, W. G. Watson; 2, Brown Bros.; 3, Oshawa F-G. A. Gravenstein—1, R. Thompson; 2, J. B. Guthrie; 3, Jos. Gilbertson. Ontario—1, J. B. Guthrie; 2, Brown Bros. Ribston—1, Norfolk F-G. A.; 2, J. B. Guthrie. St. Lawrence—1, W. G. Watson; 2, Oshawa F-G. A.; 3, J. B. Guthrie. Any other desirable variety—1 and 2, Norfolk F-G. A.; 3, Oshawa F-G. A.

Export or foreign-market varieties; standard boxes ready for shipment (wrapped): Fameuse—1, W. G. Watson; 2, Robt. Thompson; 3, Norfolk F-G. A. Gravenstein—1, R. Thompson; 2, Norfolk F-G. A.; 3, Jos. Gilbertson. King—1, Jos. Gilbertson; 2, Oshawa F-G. A. McIntosh—1, W. C. Parker; 2, A. D. Harkness; 3, Oshawa F-G. A. Spy—1, Norfolk F-G. A.; 2, Jas. E. Johnson; 3, Jas. Gilbertson. Wealthy—1, Oshawa F-G. A.; 2, J. B. Guthrie; 3, David Whyte, Woburn.

For cones, 17 inches in diameter, the awards made by Alex. McNeill, of Ottawa, showed the prizes to be distributed among Norfolk F-G. A.; W. G. Watson; G. C. Caston; J. B. Guthrie; Brown Bros.; Oshawa F-G. A.; R. Thompson; W. H. Dempsey; A. D. Harkness, of Irena; David Whyte of Woburn; and C. L. Stephens, of Orillia.

The placing for plates was done by W. F. W. Fisher, of Burlington. Prizewinners included Messrs. Watson, Thompson, Guthrie, Brown Bros., Stephens, Gilbertson, Parker, Caston, Johnson, Dempsey, C. W. Chaffand (Marburg), R. W. Thomson (Ellesmere), N. A. Brown (Eglington), W. H. Stephen on (Oshawa), J. G. Michael (Brooklin), C. A. Bennett (Burlington), Iains Craig (Ingersoll), and W. H. Stainton (Oshawa).

Pears and grapes were judged by Murray Pettit, of Winona. The prominent winners were: A. M. Smith, of Pt. Dalhousie; R. Thompson; F. G. Stewart, of Hamer; J. B. Guthrie; G. A. Robertson, of St. Catharines; M. A. Read, of Pt. Dalhousie; Wm. H. French, of Oshawa; Thos. Delworth, of Weston; A. E. Tenbroeck, of St. Catharines; A. W. Peart, of Burlington; T. G. Bunting, of St. Catharines. For fancy packages of grapes and boxed pears, the awards were distributed among Messrs. Thompson, Robertson, Stewart, Guthrie, Smith, Tenbroeck, Bunting.

For display of fruit in commercial packages, exhibited by an agricultural or horticultural society, or fruit-growers' association, table space limited to 60 sq. ft. for each exhibit, the awards were: 1, Norfolk F-G. A.; 2, St. Catharines Cold-storage Association; 3, Grantham F-G. A. For display of fruit not in commercial packages, exhibited by an agricultural or horticultural society, or fruit-growers' association, table space limited to 60 sq. ft. for each exhibit, prizes were placed: 1, St. Catharines Cold-storage Association; 2, Grantham F-G. A.; 3, Norfolk F-G. A. For display of apples not in commercial packages, exhibited by an agricultural or horticultural society, or fruit-growers' association, table space limited to 60 sq. ft. for each exhibit: 1, Norfolk F-G. A.; 2, Oshawa F-G. A.; 3, East Simcoe Agricultural Society, Orillia.

HIGH-CLASS VEGETABLES.

An extra favorable season in most of the vegetable districts, and a careful selection to meet the requirements of the adept judge, resulted in high quality throughout the vegetable section of the show. The exhibitors were comparatively well scattered over the Province, including growers from Weston, St. Catharines, Leamington, Guelph, London, Woodbridge, Middleport, and various points in the vicinity of Toronto. None came from the east, possibly because of the dry fall.

The products of the garden were nicely arranged for effect, the long tables of cauliflowers, cabbage, onions, potatoes, etc., being very pleasing. Never was such an array of cauliflowers seen in Toronto. Onions, carrots and potatoes too were strong. There were 30 exhibitors of cabbage and 21 of celery.

Geo. Syme, of Carleton West, and R. H. Lewis, of Hamilton, made the awards. Following is a list of the chief prizewinners: Wm. Harris, J. W. Rush, Brown Bros., Jas. Dandridge and F. F. Reeves, of Humber Bay; J. B. Guthrie, and W. G. Watson, of Dixie; Chas. Plunkett, of Woodbridge; John McKay and Chas. McKay, of Todmorden; R. McKay, of Norway; Thos. Delworth, of Weston; Ed. Brown, of Wychwood Park; Thos. Benstead, of Strathroy; A. McInnes and Frank Whitehall, of London; John Creighton, of West Toronto, and F. W. Krouse, of Guelph.

Specials were awarded as follows: Collection of cauliflower—1, R. McKay; 2, Chas. McKay; 3, Brown Bros. Collection of salads—1, Brown Bros.; 2, J. W. Rush; 3, F. F. Reeves. Township of Etobicoke, special—Brown Bros. Collection of onions—W. Harris. Collection of potatoes—1, W. Harris; 2, Chas. Plunkett; 3, Brown Bros. Township of York, special for celery—1, W. Harris; 2, Brown Bros.; 3, F. F. Reeves. York County Council, special for collection—1, W. Harris; 2, J. W. Rush; 3, Brown Bros. Steele-Briggs, special for cauliflower—1, Chas. McKay; 2, John McKay; 3, R. McKay.

HEALTHY FLOWERS AND PLANTS.

Flowers and plants of all varieties, all shapes and sizes, and all colors, had the major part of the credit for transforming the arena into a beauty spot. Chrysanthemums were lacking in numbers, but this deficiency was at least partially made up in quality. The hot weather of September seems to have hurt the buds in some greenhouses, and left former strong competitors without a supply fit for the Ontario competition. Jennings, of Brampton, carried off most of the prizes. In carnations the cards were distributed amongst R. Jennings and the Dale Estate, of Brampton, and A. Houle and S. A. Frost, of Toronto. Once again was the Dale Estate to the front with roses. American Beauties were, perhaps, not as good as in former years, but some of the other varieties, such as Richmond, were strong and healthy, and of rich color. J. H. Dunlop, of Toronto; E. Saunders, of Bedford Park, and W. Muston, of Toronto, also were prominent winners. T. Manton, of Eglington, won on flower banks, and also on best decorated dining-room table, as well as in some of the sections for special plants; his delicate orchids being very attractive. A new begonia, which was obtained by crossing Gloria de Lorraine and the Tuberous-rooted, and which has proved to be a fair winter bloomer, was admired by many. The awards in flower classes were made by W. Hall, of Montreal, and Chas. Tidy, of Toronto.

HONEY IN EVIDENCE.

Judging from the display of honey, Ontario beemen have had a most successful season. Comb honey, liquid honey, granulated honey, beeswax and various features of the bee industry were in evidence. The winners included Geo. Laing, of Toronto; D. Anguish, of Lambeth; F. W. Krouse, of Guelph; H. G. Sibbald, of Claude; John Timbers, of Cherrywood; J. H. Thompson, of Britannia, and R. F. Holtermann, of Brantford.

PRESERVED FRUITS.

There was a fair display of canned goods and preserved fruit. Prizes were won by Mrs. F. A. DeJotee, A. E. Tenbroeck and R. Thompson, of St. Catharines; Mrs. J. B. Guthrie, of Dixie; F. G. Stewart, of Homer; S. Morningstar, of Goderich; Mrs. T. Delworth, of Weston; Miss E. G. Gregory, of Pt. Dalhousie; Mrs. W. H. French, of Oshawa; M. E. Martin, of Toronto; J. L. Hilborn, of Leamington; Mrs. W. A. Emory, of Aldershot; Mrs. J. H. Sparling, of Bowmanville, and David Whyte, of Woburn.

ONTARIO BEEKEEPERS' ASSOCIATION.

The adulteration of honey, the diseases of bees, short-cuts and mechanical devices in the apiary, marketing of honey, and educating the market, were some of the leading features of the Provincial Convention of Beekeepers, whose sessions were held in conjunction with the Horticultural Show in Toronto last week. The attendance was a live, representative one, and beemen who missed it cheated themselves. The lecturer of the convention was A. C. Miller, of Providence, R. I. He is not only a practical beeman, but also a careful scientific experimenter, who handles tongue-tying