

quality of the Ontarios in these pyramids. Mr. W. H. Dempsey, Trenton, won 1st prize in this section.

The specimen apples of standard varieties for which first prize of \$10 and second prizes of \$5 were offered, were the subjects of much interest and comment. For most perfect Baldwin, first prize went to Norfolk F.G.A., and second to Robert Thompson, St. Catharines. Greening:—1st, C. W. Challand, Marburg; 2nd, R. T. Michael, Brooklin; King:—1st, C. W. Challand; 2nd, W. C. Parker, Humber Bay. McIntosh:—1st, John McDonald, Cornwall; 2nd, W. M. Robson, Lindsay. Spy:—1st, W. C. Oughtred, Clarkson; 2nd, R. T. Michael. Some of the best apples in these sections were ruled out because they measured one thirty-second of an inch or more over the diameter required by the prize list. Undoubtedly the best McIntosh was ruled out on this account. The same may be said also of Kings. We are informed that the size limitations will be changed for next show.

Only passing mention can be made of the pears, apples, grapes and peaches on plates. The samples mostly were of the best. Prominent among winners in apples were H. Jones, Maitland; C. L. Stevens, Orillia; W. C. Parker, Humber Bay; Fred Doan, Port Dover; J. B. Guthrie, Dixie; Brown Bros., Humber Bay; W. G. Watson, Dixie; Norfolk F.G.A.; John D. McDonald, Cornwall; and others. Among the winners in pears were, Norfolk F.G.A.; A. M. Smith, Port Dalhousie; R. Thompson, St. Catharines; W. H. Bunting, St. Catharines. Among the winners in grapes were R. Thompson, W. H. Bunting, F. G. Stewart, Homer. Mr. W. M. Robson of Lindsay, was successful in winning 1st on Agawam, and some other prizes. A large number of entries in preserved fruits and in honey attracted much attention.

The Ontario Agricultural College had an exhibit of much educational value. Chrysanthemums, fruit and specimen insects and diseases made up the display.

#### VEGETABLES

The vegetable department vied with the fruit in quality if not in quantity. The stuff mostly was perfect in variety type and well grown. First prize for best general collection of vegetables shown went to W. Harris; 2nd, Brown Bros.; 3rd, J. W. Rush, all of Humber Bay. All the vegetables were displayed to better advantage than in past years, but there is still room for improvement. The judge was Geo. Syne, Jr., Carlton West, Ont. The Essex station had an excellent general display.

#### FLOWERS AND PLANTS

The floral features of the exhibition were very fine. The cut chrysanthemums, carnations, roses and violets were as good as can be grown anywhere. The plant sections contained some fine specimens. First prize for best decorated dining table went to Geo. D. Manton, Eglinton; 2nd, Thos. Manton, Eglinton; 3rd, was divided between H. Wilshire and Wm. Jay & Son. For best group of chrysanthemums and foliage plants E. F. Collins won 1st, and W. Jay & Son 2nd. For best display of orchids, Thos. Manton won 1st, and E. F. Collins 2nd.

#### TRADE EXHIBITS

A number of our most prominent firms that handle commodities for the use of horticulturists were on hand with instructive and attractive exhibits. Among them were the Niagara Brand Spray Co., of Burlington, Ont.; E. C. Brown Sprayers, Rochester, N.Y.; Batts Limited, Toronto; Standard Chemical Co., Toronto; Biggs Fruit and Produce Co., Burlington; Wm. Cooper & Nephews, Toronto; King Construction Co., Toronto; Grasselli Chemical Co., Cleveland, Ohio; Chemical Laboratories, Toronto; and Foster Pottery Co., Hamilton.

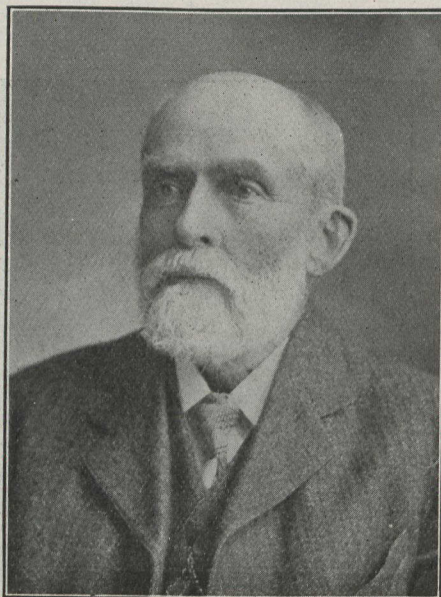
#### CORNELL EXHIBIT

An exhibit of much educational value was made by the Department of Plant Pathology, Cornell University. Illustrations and specimen fruits were shown to demonstrate the value of lime-sulphur as a summer spray for apple orchards. Niagara Brand was used in the experiments as the Niagara Sprayer Co., of Middleport, N.Y., has given a fellowship to Cornell University for investigation work in determining the worth of commercial lime-sulphur. It is understood in the agreement between this company and the university that results, good and bad, are to be published for the benefit of fruit growers.

The results the past season showed that the percentage of wormy apples was reduced from 25 per cent. on unsprayed trees to 3 per cent., where arsenate of lead was used with Bordeaux mixture, and to 1.2 per cent. where arsenate of lead was used with lime-sulphur. In the case of scab the difference was practically the same. The lime-sulphur was diluted one to thirty. It is known that under certain conditions, Bordeaux injury may result from the use of this fungicide. The moral, therefore, is to use lime-sulphur and be safe. This exhibit was in charge of Mr. Errett Wallace, of Cornell. More will be said about this fellowship and the work in a later issue.

## Ontario F. G. A.—50th Anniversary

FIFTY years ago the Ontario Fruit Growers Association was organized in the city of Hamilton. Eighteen persons were present at the first meeting which was held on Jan 19, 1859. The only one of them now living is Mr. A. M. Smith



Mr. A. M. Smith

A member of the Ontario Fruit Growers' Association for fifty years, and the only one now living of those who organized the Association. During the last half century great progress has been made in the fruit industry of the province. No person has had more to do with this progress than Mr. Smith. His business integrity and ability, his wide and exact knowledge of horticulture and his constant allegiance to the association which he helped to organize, were recognized by an illuminated address and a purse of gold presented to Mr. Smith at the recent fiftieth anniversary of the association held in Toronto. Mr. Smith is 77 years old, having been born on September 24, 1832.

of St. Catharines. At the 50th anniversary of the association which was celebrated in Toronto on Nov. 10 and 11, Mr. Smith was present and was presented with a purse of \$175 as a slight token of appreciation and esteem and the following address was read:

"On this the 50th anniversary of the Fruit Growers' Association of Ontario, the members of 1909 desire to extend to you as the only living charter member, the warmest congratulations of the association. Together with Arnold, Dempsey, Woolverton and others, you were largely instrumental, not only in the organization, but subsequently in the maintenance and furtherance of the work of the association.

"As a pioneer fruit grower and nurseryman, you deserve credit for so faithfully spreading the propaganda for the planting of the splendid orchards now found every-

where throughout the province. These have given to Ontario her present enviable position as the premier fruit growing province of the Dominion, and the largest producer of export apples of any province or state on the continent. We feel that to you and your fellow members of 1859 there has been erected a lasting memorial in the millions of trees which yearly yield such handsome returns to the horticulturists of Ontario.

"As representing the commercial fruit growers of the province, the association wishes you continued success in your life occupation, and the best wishes of your fellow fruit growers will follow you in the future as in the past.—Signed on behalf of the Association: E. D. Smith, Winona, president; Jas. E. Johnson, Simcoe, vice-president; P. W. Hodgetts, Toronto, secretary-treasurer."

The address was read on behalf of the association by Mr. Murray Pettit, Winona, and the purse was presented by Mr. R. B. Whyte of Ottawa. Prof. John Craig of Cornell University and formerly of the Central Experimental Farm, Ottawa; Mr. E. D. Smith, Winona, president of the association this year and the chairman of the convention, Mr. Thos. Berriman, Niagara Falls, and others supplemented the address by personal words of regard and respect. The entire assembly expressed its approval of these things by great applause. In a few gracious words Mr. A. M. Smith expressed acknowledgment. Preceding this presentation and the accompanying addresses, Mr. Smith told the story of "Fifty Years of Peach Culture in Ontario." His remarks on this subject will appear in a later issue of THE CANADIAN HORTICULTURIST.

#### THE PRESIDENT'S ADDRESS

In an excellent address that reviewed the progress of fruit growing for 50 years, and chiefly during the past 35 years, President E. D. Smith stated that the time has come when laws that have to do with the control of orchard pests should be provincial in their enforcement rather than local. Compulsory legislation is necessary to compel the proper care of orchards. The future of apple growing lies in producing the largest quantity possible of perfect specimens. We have about 7,000,000 apple trees in the province. A school is needed to teach apple growers and packers how to pack apples. Short courses should be given in all fruit districts. Not only should packing methods be taught but also the identification and proper naming of varieties.

The president said that individual growers can produce fruit and sell it to as good advantage as can co-operative associations. Marketing is of equal importance to production. Selling by commission should be resorted to as little as possible. He pointed out that new varieties are wanted for cer-