

During the past year co-operative experiments were conducted by the Union in Agriculture, Horticulture, Economic Botany and Soil Culture. The Agricultural experiments with fertilizers, fodder crops, roots, potatoes, grains, grasses and clovers, were conducted on 12,065 plots, which were situated on 3,485 Ontario farms; and the Horticultural experiments with small fruits were more numerous in 1899 than in any previous year. The summary results of these practical experiments will be presented at the annual meeting, and should prove of great service to all those who are engaged in practical agriculture.

The speakers who have been engaged to address the meeting are, George T. Powell, New York State; Honorable John Dryden, Honorable Charles Drury, Professor James W. Robinson, Professor C. C. James, John I. Hobson, Nelson Monteith, M. P. P.; G. C. Creelman, B. S. A., etc.

A good opportunity will be afforded those in attendance at the Union meeting, to visit the Guelph Fat Stock Show, which is to be held on the 6th, 7th and 8th of December.

The officers of the Union and of the College unite in cordially inviting all per-



W. A. Chrysler, Director, Chatham, Ont.

sons interested in the advancement of agriculture to be present at all the sessions of the Experimental Union meeting.

The trip to Guelph and return can be secured on the railways in Ontario for a one way fare on the certificate plan.

All enquiries regarding railway rates, programmes, etc., should be sent to C. A. Zavitz, Secretary, Agricultural College, Guelph, Ontario.



F. A. Gemmell, Director, Stratford, Ont.

As the College was established in 1874, the quarter Century Anniversary of the Institution will be celebrated in a special way at the time of the Union meeting.

**MEAD.**—To every gallon of water put 2 pound, 3 pound or 4 pound of honey (according to quality of mead desired) with the peel of two lemons. Boil for half an hour and then pour into a cask. When luke warm add a little yeast, and to a nine gallon cask 2oz. each of phosphate of ammonia and cream of tartar. Tack cream cloth or muslin over the bung hole. When it has ceased working, bung up tightly, and let it remain in the cask six months, bottle, and cork at once.