



Experimentation in the Horticultural Department,

The engraving represents part of a plot (a little over an acre in extent), in which 155 varieties of strawberries are in test, under Mr. H. L. Hutt, the College Horticulturist. The photograph was taken in the latter part of June, about two months after the plants were planted. Each variety is plainly labelled upon a white wooden stake, as shown in the engraving. Mr. Hutt intends giving a full report of the yields made from 120 varieties that fruited this year in the next College report.

ried on, and of his relations and duties to the state and to his fellow-citizens; that is, he should have made some study of civics and ethics.

Now, the above may fitly be described as the *necessary education* which *every* man purposing to be a farmer should receive; and we are glad to see that (with one or two omissions, which we have no doubt will be speedily made right) it is wholly comprehended in the curriculum of the first two years' or ordinary course of the Ontario Agricultural College. This curriculum, indeed, is in every way an admirably planned one, and one that reflects the greatest credit upon its framers as modern, up-to-date educationists.

Considering the purposes for which it was designed we unhesitatingly pronounce it the curriculum closest in accordance with modern educational ideals of any in Ontario to-day.

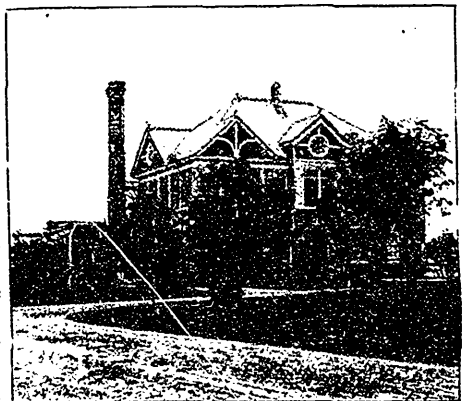
THE THIRD YEAR COURSE.

When we come to the third year or advanced course we find that, in the framing of the curriculum, the same general principles have had sway; that is, that there is the same recognition of definite, practical, real-life pursuits as the objective points to which all the preparatory scientific training is directed, and the same conjoining of pure scientific research with the practical application of it to the scientific treatment of some phase or other of the art of agriculture.

For example, taking one of the options of the course (for the course has several options), namely, that of horticulture, it will be seen that the whole course is so framed that a student concluding it will have become fully competent, so far as a college education can make him so, to take up practically any work connected with the business of horticulture; as, for instance, fruit-growing,

market-gardening, floriculture, or arboriculture; and he will have studied these arts not only practically, but scientifically, that is, as *practical sciences*; and he will also have studied the *theoretical sciences*, vegetable physiology, systematic botany, vegetable histology, etc., upon which these practical sciences are based. Besides the *special work* appertaining to an option (as here described) every third year student must take the *general course*, which comprises such a knowledge (further than that obtained in the two first years) of agriculture, chemistry, geology, and botany, as will make his work in his option all the broader and surer. He is also required to evince his progress in general culture by a somewhat further study of English.

The options referred to above are (1) *agricul-*



Biological Laboratory, O.A.C.

A portion of the college conservatories and greenhouses is seen in the background.