

Horticulture.

The orchard for large fruits covers from 8 to 9 acres, and contains a number of varieties of apples, pears, plums and peaches. Peaches do not always prove hardy. During the past fifteen years the college has had about five crops of this fruit. Of small fruits there are many varieties, including most of those generally grown and many of those of recent introduction.

The horticultural department occupies 45 acres, including fruits, vegetables, ornamental and forest trees. A large number of vegetables are grown and different sorts tested. Three acres are devoted to a nursery, where students are taught the arts of budding and grafting. Among the experiments with forest trees there are examples of three-fourths of an acre each of European larch and Scotch pine. These were planted on a poor piece of land, which was of no value for ordinary crops. The trees were 3 feet high when transplanted from the nursery, have been nine years out, and will now average from 25 to 30 feet in height and 5 to 6 inches in diameter.

Greenhouses.

There is an extensive conservatory and a propagating house, 100 x 17, the total cost of which has been \$12,000. These are filled with choice plants and are utilized in growing a large number of plants and flowers for sale, the receipts from which defray the greater part of the working expenses of this department. All products, both of farm and garden, are sold, and the proceeds applied to current expenditure. The farm is said to be almost self-sustaining. In the botanical department there is a herbarium consisting of 10,000 plants.

Revenue and Expenditure.

The revenue from the endowment fund is \$13,000, which, by tuition fees and income from other sources, is increased to about \$25,000. Nearly \$12,000 of this is paid in salaries to the teaching staff, the remainder used in defraying other expenses. The salary of a full professor is \$2,250; assistants receive from \$800 to \$1,200, and if their services are continued, are gradually raised to the full salary.

Experimental Station.

The experimental station, although occupying 10 acres of the college farm, is an entirely separate institution. It was begun in 1883, when Prof. Goessmann was appointed Director, a gentleman of high scientific attainments and eminently fitted for the position. It is supported by a special grant from the State which, at first, was \$5,000 annually, but which has since been increased to \$10,000. Five or six acres of land have been set apart for growing crops, such as fodders and grasses.