

mulching, cultivation, and of cropping with grass, grain and vegetables among the trees.

In the vineyard there are 60 varieties of grapes, and in the small fruit plantation a large number of strawberries, raspberries, currants and gooseberries. Some efforts have been made towards originating new kinds, by cross fertilization, with a measure of success. The products in this department also, are sold. The sum realized last year was \$1,278.19, \$900 of which was obtained from sales of small fruits.

Miscellaneous.

Tests have been made with noxious weeds, to determine their relative growth and rapidity of multiplication, and the best methods of extirpating them. Observations on injurious insects have been conducted and recorded, with tests of the several insecticides which have been recommended for destroying them. The vitality of seeds is another line of experimental work undertaken here, and carried out on an extensive scale.

Conservatory.

A conservatory and propagating house has been built, at a cost of \$3,000, which provides the means for carrying on experiments throughout the year. It is attached to the horticultural building, in which there is a museum, lecture room and a convenient office.

Revenue and Expenditure.

The income from the endowment fund is \$32,270. Tuition fees and State appropriations bring the revenue up to about \$52,000. The expenditure is about \$50,000, of which \$27,000 is paid for salaries. The professors receive from \$2,250 to \$2,750 a year.

OREGON.

The proceeds of the national land grant have in this State been given to Corvallis College, located at Corvallis. The fund amounts to \$50,000. The annual income from all sources is about \$6,000, most of which is spent in salaries.

No experimental work is done here, but practical and scientific agriculture is taught, including stock raising, the construction of farm buildings, drainage, analysis of soils, fertilizers, &c.

PENNSYLVANIA.

The Pennsylvania State College of Agriculture is located in Centre County, about the middle of the State, and nearly ten miles from Bellefonte. The endowment fund belonging to this institution is \$500,000; the estimated value of lands, buildings