

prepared for intelligent experiment in the direction of measures for preventing the disease, a result which pear-growers will hail with the greatest delight.

Entomological Work.

Prof. S. A. Forbes, State Entomologist of Illinois, is now located at this University, where he holds the position also of Professor of Entomology and Zoology. With the help of several assistants, he is carrying on, not only his teaching duties, which cover a very wide field, but is also pursuing many very interesting lines of experimental work. A careful examination of the results of observations made during the past year with regard to the codling worm in apples, which will be of great use, not only to that State, but to fruit-growers in all parts of America, had just been concluded at the time of my visit. The object was to determine the precise effect of the use of Paris green in preventing the destruction of the apple crop by this insect. The experiments with the remedy have been conducted along with careful check experiments, on trees adjacent, not treated at all, and exact results reached by the careful handling and examination of every apple produced on the trees under inspection. Over 16,000 apples have thus been carefully scrutinized, and the results show that about two-thirds of the loss arising from this source may be prevented by the use of Paris green.

Insects injurious to corn, which is the staple crop of Illinois, has absorbed a large part of the time and attention of the staff in this department for the past year, and an additional year or two of patient observation will be required to complete the work.

A multitude of facts have been brought together regarding the food of birds; also on the habits and food of fishes. An extensive and successful series of experiments have been made in the way of introducing disease among injurious caterpillars, for the purpose of destroying them. Illinois was one of the first States to recognize the important bearing of entomology on agriculture, by the appointment of a State Entomologist; and the vast array of valuable facts which have been accumulated and given to the public in the annual reports of the several scientific men who have held the office during the past twelve or thirteen years have abundantly justified the wisdom of that proceeding.

Revenue and Expenditure.

The total expenses vary from \$60,000 to \$70,000 per annum, of which the teaching staff receive about \$28,000. The salaries of the professors range from \$1,800 to \$2,000. That of the regent is \$3,600.

The farm has been so conducted for several years past that the revenue has exceeded the expenditure; but to bring about this result it has been necessary to