

poses they have to serve. A new building is now in process of erection for dairy work.

Stock.

The stock consists of five thoroughbred Jersey cows, which are kept solely for experiments in milk and butter.

Field Experiments.

More than 100 varieties of wheat have been tested, and their relative merits discussed in the bulletins and reports which have been issued by the station. The Wayne County Select has proved to be a very excellent wheat here, a good cropper, and an early variety, which stools well. Surprise is another productive sort, highly prized, in which the spikelets usually have four grains of seed in each. Martin's Amber, Landreth and Silver Chaff are also regarded as very promising varieties. Oats and barley have also been similarly tested. With many sorts of vegetables and roots, especially potatoes, the trials have been numerous, and the results of great practical value.

Horticulture.

The orchard was planted in 1884, and contains 81 varieties of apples, 26 pears, 45 peaches, 33 plums, 30 cherries, 6 quince, 16 nectarines and 20 apricots. In small fruits the institution has 42 sorts of grapes, 40 strawberries, 50 raspberries, 10 blackberries, 23 currants and 7 of gooseberries. A careful account is being kept of them all and their relative merits recorded.

Greenhouse.

About \$1,200 have been spent on this structure, which is found to be an indispensable requisite for propagating purposes and experimental work during the winter and early spring months. Plants for summer decoration of the grounds are also grown here. A very ingenious apparatus has been devised for testing the germinating power of seeds, by which a large number of tests may be carried on in a small space, and the results conveniently watched.

Chemical Laboratory.

This department is well supplied with apparatus, especially such as is required in the analysis of fertilizers, in the chemical examination of milk, and in determining the purity of water.

Museum.

This is a very interesting and instructive feature, and indicates the character and extent of the work being done. It contains large collections of corn, embracing