

THE TOMATO.

CULTIVATION AND DISEASE-CONTROL EXPERIMENTS.

IN the March *Journal* an account was given of experimental work undertaken in Christchurch in connection with cultural methods and disease-control work in tomato-houses. The experiments at Mr. Odering's house have now been completed. Following is Mr. E. A. Reid's report:—

Mr. Odering's tomato-house, referred to in my report published in the March issue of the *Journal*, has dimensions of 88 ft. by 28 ft., inside measurement. The walls are built of brick to a height of 3 ft.; a ventilator 4 ft. square is situated at each end of the house. The top ventilators are about 7 ft. long by 2 ft. in width, five being situated on the west and six on the east sides of the house. Bottom ventilators, 4 ft. by 1 ft., are built into the brick walls at intervals of 4 ft.

The entrance-door is in the centre of the east side. For experimental purposes the house was divided into eight plots, four being on each side of a path 3 ft. wide, running the full length of the house. From the path a 3 ft. pathway to the entrance-door was also reserved. This gave sections 1, 4, 5, 6, 7, and 8 275 square feet, and sections 2 and 3 about 256 square feet. The following ground-plan will convey an idea as to situation, &c., of the various plots.

