

the most sceptic that the operation is a paying one. One hundred unsprayed apples filled a half-bushel basket evenly full, as shown in the accompanying illustration, and one hundred of the average sprayed apples filled a half-bushel basket twice. Thus the bulk of the crop of the Maiden Blush was practically doubled.

Mr. Lodeman further affirms that the keeping qualities of apples were also improved by spraying. He experimented with some Fall Pippins and Maiden Blush, from both the sprayed and unsprayed portions of the tree, gathering them about the 20th of September, and storing them in a cool, dry cellar. On the 15th of October the unsprayed apples began to show signs of shrivelling, and on the 18th of November they were much shrivelled, and some decayed, while the sprayed apples were still plump and fit for market.

With regard to the use of Paris green for the codling moth, Mr. Lodeman's experiments went to show that many varieties of apple trees were susceptible to injury from too frequent applications of this poison, and that one or two applications were as many as the average tree would bear without injury, unless the strength of the poison was somewhat counteracted by the use of a considerable quantity of lime.

Some experiments were also made with fungicides upon the foliage of the peach, and of all the preparations that were applied, the Bordeaux mixture least of all affected the foliage injuriously.

A BALANCED WHEELBARROW.

The wheelbarrow plays no small part in the making and the after care of the ordinary garden, but it has its limitations and its disadvantages, one of the

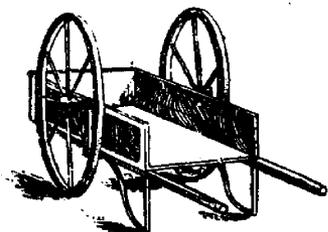


FIG. 417.—TWO-WHEELED GARDEN BARROW.

latter being the severe strain upon the muscles when wheeling a full load, since the person between the handles must lift from a quarter to a third of the whole load in addition to propelling the whole. A barrow having two wheels is shown in the illustration, engraved after a sketch by Webb Donnell, on which the load may be almost perfectly balanced, leaving the one using it little more to do than to move it forward.

It has removable end boards at either end, and can be dumped from the rear. The drop axle here figured may be used, or small wheels with the end of the axle bent in exactly the opposite direction. The wheels may be of a width to run on each side of a garden row.—American Agriculturist.