



FIG. 2269. TREE PROTECTORS AT CENTRAL EXPERIMENTAL FARM, OTTAWA.

The Tree Protectors.—By some oversight the cut representing the tree protectors used at the Central Experimental Farm, Ottawa, was omitted from the February number, page 58. They were made of elm, and applied in the autumn. They were very satisfactory in preventing sun scald and injury from mice. The cost was \$6.00 per 1,000.

Fruit Harvesting, Storing, Marketing is the title of a new book by Prof. F. A. Waugh, of Burlington, Vermont, which will very much interest those who are turning their attention to fruit culture, for we know of no other book covering the same ground. We are inclined to go further than the professor in some particulars; for example he leaves it as a matter of preference whether in harvesting apples they be packed at once, piled on the ground or taken to a packing shed. Now, in our opinion, the second plan is never advisable, for in such a heap exposed to sun and heat, the fruit will ripen rapidly. A cold storage house where the apples could remain until wanted, is ideal. Apples should not be rushed upon the market too fast, and this would avoid such an evil. But if one has not such a storehouse, then there is only one thing next

best, and that is to pack and ship as fast as picked, and let somebody else have the advantage of storing the fruit before it is over-ripe.

We would go further also in the matter of grading. He makes the terms Select, First Grade and Second Grade entirely relative, having no reference to absolute qualities. We would make First Grade to have an absolute meaning and include only apples practically free from worm holes, scales or any other blemishes, and 2½ inches in diameter or upwards; excepting that for such dessert varieties as Fameuse,

Swazie and Jonathan, 2¼ inches should be the minimum diameter.

Grading by machinery is not commended by Prof. Waugh. Now, we do not see how it is possible to secure uniformity of size without a machine, and uniformity of size is of first importance.

There is a promise of a great apple crop this autumn, and storage should at once be considered, if the best results are desired. Nor can we too early secure the sale of our fruit in such a season.

A Useful Garden Barrow.—The accompanying illustration, which is taken from American Agriculturist, shows a good way

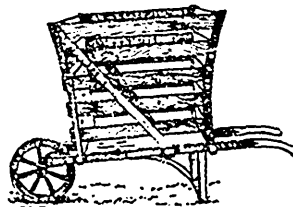


FIG. 2270.

of enlarging a common wheelbarrow's usefulness. For carting away light rubbish, vines, weeds, straw, dead tomato and egg plants, etc., it is just the thing. The attachment is simply a light rack frame fastened to the barrow in any convenient and simple manner.