

Plants of this variety were distributed a year ago to members of our Association, from whom we shall soon receive reliable reports of its suitability to our province.

The *Warfield* is another berry which appears to stand testing. Its great merit seems to be its firmness, making it a first-class berry for distant shipment. Those who value the old Wilson will find in this many of the same characteristics, as firmness, quality and rich dark color. Prof. Green says of it :—

The most marked characteristic of this variety is its shipping qualities, ranking the highest of those named in this particular. The plants are vigorous and productive, berries medium in size and of fair quality. Those who grow for near market only will find this variety less satisfactory than the above named, except when it is desirable to hold the berries some time after being picked. It has a place, which it fills very satisfactorily, but for near market it is not the equal of either of the varieties named above.

These three varieties are imperfect in flower, but no perfect flowered kinds equal them in productiveness. Of course planters will set, say, about one row in five of *Jessie*, *Sharpless*, or some other good staminate variety, for the purpose of furnishing them with pollen.

#### FURTHER POINTS ON SPRAYING WITH COPPER SOLUTIONS.



NOW that the time has arrived for treating our vines and trees with the copper mixtures, a few additional points may be helpful. Their usefulness for grape mildew has been fully proved by the testimony of many vineyardists, who state that they have thereby made a saving of from 50 to 90 per cent., and, for the apple scab, their effectiveness has been fully demonstrated at several Experiment Stations.

Nor is this all; an evident result of this treatment is that bright healthy foliage, without which it is impossible to mature fine fruit, or to produce that vigor in the tree or plant which is necessary for fruitfulness.

We notice considerable variance in the modes of treatment prescribed, for the reason, no doubt, that the work is still in the experimental stage. Mr. Gallo-way, Chief of the Division of Vegetable Pomology of the United States, advises ammoniacal carbonate of copper as the best remedy for both the downy and the powdery mildew. In the case of the former, he advises the first application about the time the berries are well formed, and a repetition every twelve or fifteen days, or oftener in rainy weather, until the berries begin to color; the latter he would treat the same, with this exception, that he would not begin until the first sign of the trouble is visible. For the treatment which he recommends for the apple scab, we refer our readers to his own letter on the apple scab.