

## FOR THE GRAPE.

Spray with the concentrated solution of sulphate of copper every part of the vines and trellis before the buds unfold. Just before the blossom buds unfold, spray with the Bordeaux mixture, one-half strength, with Paris green, one pound to 100 gallons. As soon as the petals have fallen, spray again with the same; then at intervals of about two weeks use the ammoniacal carbonate of copper, one pound to 25 gallons. Try the sulphate of copper, one pound to 500 and 800 gallons of water at the same intervals.

## FOR RASPBERRY AND BLACKBERRY.

For the anthracnose of the blackcaps, and the yellow rust of the blackberry, use the concentrated solution of sulphate of copper, before the buds open. Then spray with the Bordeaux mixture one-half strength, or the ammoniacal carbonate of copper before the blossom buds unfold, and two or three times after the fruit has been gathered, at intervals of two or three weeks. The first disease attacks the canes principally, and more attention in spraying should be given to them than to the leaves.

## FOR THE STRAWBERRY.

Spray with the Bordeaux mixture, one-half strength, and Paris green, one pound to 100 gallons, for the leaf blight and the "spotted paria," as soon as growth begins in the spring. Just before the blossoms open, use the Bordeaux mixture, same strength, *but no Paris green*. After the fruit has been gathered, Paris green and the Bordeaux mixture should be used if the bed or field is to be carried through another season.

## FOR THE POTATO.

As soon as the larvæ of the potato beetle begin to appear, spray with the Bordeaux mixture, one-half strength, and Paris green, one pound to 100 gallons. Use the same mixture as often as they appear in sufficient numbers to be injurious. If the weather should be warm and moist, applications should be made at intervals of from one to three weeks after the vines have blossomed, of the Bordeaux mixture, one-half strength, or the ammoniacal carbonate of copper, one pound to 50 gallons of water, even if there are no larvæ present. The sulphate of copper, one pound to 500 gallons, should also be tried on a small scale to test its value.—*Hatch Exper. Station, Mass.*

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BLACKBERRY.—The Snyder and Ancient Briton have the lead. Do not plant unless you decide to cover in winter, which will bring crops that will surprise the novice. The Ancient Briton is fully equal to the Snyder in size, quality, and quantity of fruit, and the canes are smaller, tougher, and easier to cover.—*Orchard and Garden.*