

OUTLINE OF PLANS FOR USING FUNGICIDES AND INSECTICIDES FOR 1892.

FOR THE APPLE.



PRAY for the destruction of the spores of the apple scab and leaf blight, with sulphate of copper (blue vitriol), one pound to twenty-five gallons of water, or sulphate of iron (copperas), one pound to two gallons. For the destruction of the tent caterpillar, canker worm and bud moth, use the Bordeaux mixture, one-half strength, with Paris green, one pound to 150 gallons, just before the blossoms unfold, and for the same and the codling moth, as soon as the petals have fallen. Make a third application of the Bordeaux mixture and Paris green in about two weeks from the time the petals fall, should there have been heavy rains since the last application; then use the ammoniacal carbonate of copper, one pound to 50 gallons of water, at intervals of from two to four weeks, according to the weather, until the middle of August. We would recommend the trial of sulphate of copper, one pound to 500 and 800 gallons of water, after the middle of June. Should no rain occur after the use of any fungicide or insecticide, no further application need be made until it does rain, but if the interval has been long, spraying should immediately follow a heavy rain.

FOR THE PEAR.

For the pear scab, leaf blight and cracking of the fruit, and codling moth, the same treatment should be given as for the apple, except that no Paris green need be used until after the petals have fallen, and only two applications of that need be made. If the pear tree psylla should appear, spray the trees thoroughly with the kerosene emulsion, one part to twenty parts of water.

FOR THE PLUM.

We would advise the same treatment as given to the apple and the pear, for the plum leaf blight, black wart and the fruit rot. For the plum curculio, use the Bordeaux mixture, one-half strength, with Paris green, one pound to 200 gallons. One application of the ammoniacal carbonate of copper should be made after the middle of August, to prevent the rotting of the fruit and the leaf blight.

FOR THE PEACH.

To destroy the plum curculio, spray with the Bordeaux mixture, one-fourth strength, and Paris green, one pound to 200 gallons. For the fruit rot, spray with the ammoniacal carbonate of copper, one pound to 50 gallons of water. Try the sulphate of copper, one pound to 100 gallons of water, for the fruit rot.