

3. PARIS GREEN MIXTURE.

Paris green.....	1 pound.
Water.....	200 to 300 gallons.
Milk of lime.....	4 "

Use 200 gallons water in a mixture for apple trees, 250 for plum trees, and 300 for peach trees. When Paris green is added to Bordeaux mixture, so as to form a combined insecticide and fungicide, add four ounces to every 40 gallons of the Bordeaux mixture.

4. HELLEBORE.

White hellebore (fresh).....	1 ounce.
Water.....	3 gallons.

5. PYRETHRUM.

Pyrethrum powder (fresh).....	1 ounce.
Water.....	4 gallons.

6. KEROSENE EMULSION.

Hard soap.....	$\frac{1}{2}$ pound, or soft soap, 1 quart.
Boiling water (soft).....	1 gallon.
Coal oil.....	2 gallons.

After dissolving the soap in the water, add the coal oil and stir well for 5 to 10 minutes. When properly mixed, it will adhere to glass without oiliness. A syringe or pump will aid much in this work. In using, dilute with from 9 to 15 parts of water. Kerosene emulsion may be prepared with sour milk (1 gallon), and coal oil (2 gallons), no soap being required. This will not keep long.

NOTES.

1. When there is danger of disfiguring fruit with the Bordeaux mixture use the ammoniacal copper carbonate solution.

2. Experience in spraying during the past three years indicates that it is best to use the combined insecticide and fungicide, commencing as soon as the buds begin to swell, again when the leaves appear, and continue it at intervals of 10 to 15 days, until the trees have been sprayed 3 to 5 times, which will depend upon the weather. In the case of a rainy season, it may be necessary to spray at least five times, while if dry, and the mixtures have been allowed to remain on the foliage, then three or four times may be sufficient.

In no case spray while the trees are in bloom, but immediately after. It is contrary to law, and punishable by a fine of from \$1.00 to \$5.00.

3. The combined insecticide and fungicide, containing Paris green and Bordeaux mixture, is to be used for insects that chew, and injurious fungi but

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