

On spraying day, after the liquid in the two barrels has been properly stirred, 4 gallons of lime solution (lime milk) will be poured into the barrel containing 20 gallons of water, and 4 gallons of bluestone solution in another barrel also containing 20 gallons of water. When each solution contained in the two first barrels will be poured into a third one, as already explained.

The same operations are repeated any time it is necessary to spray.

USE.—When the preparation is over, let us fill the watering-can or the hand or power sprayer. In the first case the operator will have to stir the mixture frequently; success being dependent on the thorough mixing of all elements, stirring, although unpleasant, is imperative. The other outfits do this work mechanically.

Strictly speaking, when using the watering-can, the third operation may be replaced by the following one. The stock solutions will be left in their own containers, and after stirring them energetically, an equal quantity of liquid will be taken in each barrel and poured into the watering-can; 40 gallons are usually enough to spray one acre garden or orchard.

Bordeaux mixture is used against practically all diseases; it is indicated herein, for each kind of cultivated plant, when and how to use same.

POISONED BORDEAUX MIXTURE.—It often happens that insects have to be controlled as well as diseases. The work will be made easy, by adding poison to 40 gallons of Bordeaux mixture, from the following table and according to the insecticide used:

Arsenate of lead (powder) .....	2 pounds.
Arsenate of lead (paste) .....	4 pounds.
Paris green .....	8 ounces.

### Lime sulfur.

Mixture of flowers of sulfur and lime, sold all prepared, by seedsmen. This liquid only needs to be reduced, from a special dosage, for each spray. The use of a hydrometer is necessary for so doing. Its use is more complicated than Bordeaux mixture; besides, it is used only for fruit trees.