

The cost of the copper sulphate in a barrel of this mixture is less than one third the cost of that in a barrel prepared according to the original formula.

A special formula of the Bordeaux mixture is, that London purple or Paris green can be added to it, making a combined insecticide and fungicide.

Care should be taken not to use the Bordeaux mixture on fruit crops too late in the season. Traces of it remain for some time, notwithstanding numerous rains, and are liable to cause unnecessary suspicions when on marketed fruit.

#### TREATMENT OF APPLE AND PEAR SPOT.

Just before the blossoms open spray with diluted Bordeaux mixture. Repeat this after the blossoms have fallen, and make a third application two or three weeks afterwards. If the season is wet and rainy a later application may be advisable.

#### CAUTION.

Most of the copper compounds corrode tin and iron. Consequently, in preparing them for use, earthen, wooden, or brass vessels should be employed; and in applying them, the parts of pump which come in contact with the liquid should be made of brass.

#### GOOSEBERRY MILDEW.

This disease can be effectually treated by using either ammoniacal copper carbonate or Bordeaux mixture, but as potassium sulphide (liver of sulphur) serves the same purpose, is somewhat cheaper and more easily prepared, it is therefore recommended here.

Treatment should commence with the first signs of growth and continue at intervals of ten or twelve days till five or six applications are made.

#### POTASSIUM SULPHIDE.

Dissolve one-half ounce of potassium sulphide (lime of sulphur) in one gallon of hot water. When cold apply in a spray. Used to prevent gooseberry mildew and similar diseases. Commercial lime of sulphur costs fifteen to twenty cents per pound.

#### SODA HYPOSULPHITE.

Dissolve one-half ounce or one ounce soda hyposulphite in ten gallons of water. This is recommended by some for gooseberry dew and apple scab, but it is not in general use.

We copy the following from the first Report of the Department of Agriculture of the Province of British Columbia in regards to this destructive disease:

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from Messrs. V  
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"James R. Ande

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B.C. The specim  
been submitted to