

In regard to lime, the fresher and cleaner the stone lime the better are the results. For those not inclined to go to the trouble of slaking lime, the commercial hydrated lime is a convenient and satisfactory substitute. It is sold in powdered form and can be stored for weeks in the air without deterioration. For the greatest speed and ease in making Bordeaux mixture we would recommend the following formula:—

In a cask or tank dissolve 1 pound of copper sulphate to each gallon of water the tank contains. This is the stock solution and it may be made up several days in advance of spraying. Seven gallons of stock solution should be placed in the spray tank for each 100 gallons capacity. The tank should then be filled up and 1 pound of hydrated lime added for each gallon of stock copper sulphate solution contained. The agitator should then be started and the poison added. The spray is now ready to go on the trees.

#### SPRAYING NOTES.

**Measure your spray tank.** Too many people think that they have a 100 gallon spray tank, when it holds only 80 imperial gallons.

**Sixteen cents sprays a barrel of apples four times.**

**Spraying increases the quantity of apples at least 80 per cent.**

**Spraying increases the value per barrel of apples, tree run, by 70 per cent.**

**Spraying causes the foliage to remain healthy and the leaves to be retained late in the fall. The blossom of the following year depends largely on the tree retaining its leaves until well into November.**

**Do not use too strong a spray mixture.**

**Do not use arsenate of lime alone. Use it with lime sulphur or Bordeaux mixture.**

**When using a poison alone, use lead arsenate.**

**Call on, write to, or telephone the writers of this circular at any time, in regard to spraying problems.**