

For the peach, much more caution is necessary, as the foliage is very susceptible to injury, but, by the addition of a little lime to the mixture, it may be safely applied, even at the rate of one pound to 150 gallons of water, and in much greater strength to the apple, or other trees of strong foliage.

*Alkaline wash* (for bark lice, etc.), two pounds of potash to five gallons of water.

*Sulphide, or sulphuret, of potassium* (for gooseberry mildew) simple solution in water of  $\frac{1}{4}$  to oz. to the gallon.

*Insect powder* (for slugs, cabbage worm, etc.). (1) In solution in water, one oz. to three gallons (2), or it may be dusted on plants with little bellows, in dry powder.

*Carbolic Acid Emulsion*.—1 part carbolic acid to 5 to 7 parts of a solution consisting of 1 part soft soap, or 1 part hard, in two gals. water. This applied to affected trees destroys bark lice and the borers. It should be well rubbed upon the parts attacked.

*Carbolized Plaster*.—A mixture of carbolic acid and land plaster, 1 pint of the former and 50 lb. of the latter. A remedy against flea beetles.

*Tobacco*.—The refuse from cigar manufactories answers the purpose. A strong solution added to one gallon water destroys plant lice and flea beetles.

*Alkaline Wash*.—A strong solution of washing soda mixed with strong soap until about as thick as paint. Applied to the trunk of trees destroys the borers, and gives a healthy vigorous tone to the tree.

*Hellebore*.—Obtained from the powdered roots of a plant (*Veratrum album*). May be applied dry or as liquid 1 oz. to 3 gals. water. Excellent against currant worm and cherry slug.

*Ammoniacal solution of copper carbonate*.—Copper carbonate, ammonia and water. Dissolve 3 oz. copper carbonate in 1 quart ammonia, and when about to use dilute to 22 gals. Some use more water (28 gals.) Used to destroy mildew and apple scab. In the latter disease it has been very successful.

*Pyrethrum*.—Made from the powdered flowers of the genus pyrethrum, a plant of the sunflower family. It should be fresh, and hence should be kept in closed vessels. Used in dry form, 1 part pyrethrum, 5 to 8 parts flour; or liquid 1 oz. in 3 gals. water. A good remedy for cabbage worm.

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