

This mixture, thoroughly and conscientiously applied, will completely eradicate oyster scale, is a sure preventive against the borer, and will kill the eggs of the aphides and other insect pests, and from personal experience the writer is convinced that it is a *most valuable fungicide*.

WM. E. SCOTT,
Ganges Harbour, Salt Spring Island, B. C.

The following is the recommendation of the Provincial Inspector of Fruit Pests:—

Fresh unslaked lime	40 lbs.
Sublimed sulphur	20 "
Salt	15 "
Water	50 gals. (Imperial).

Place 10 lbs. of lime and 20 lbs. of sulphur in a boiler with 20 gallons of water, and boil over a brisk fire for two hours, until the sulphur is thoroughly dissolved. It will then be amber-coloured. Next place 30 lbs. of lime in a cask and pour water enough over it to thoroughly slake it. Add the salt. When dissolved, add the lime and sulphur and boil half an hour longer. Add enough water to make 50 gallons. Apply at a temperature of 130 degrees in the tank.

Spray when the trees are dormant, or as soon as the leaves fall, and again in the spring before the buds swell. A good force pump should be used, and care must be taken to thoroughly cover the infected trees from the ground to the tips of the shoots with the mixture, which should be constantly stirred when applying.

If you have facilities for cooking the number one solution (and you should have), I would certainly recommend you to use your own manufacture in preference to any brand that may be offered for sale. You are in a position to know that your own article is properly made. Be very sure that the lime which you use is perfectly fresh and very hot, also that you use only *sublimed* sulphur; use no other quality, no matter how cheap it may be. The sublimed article is well refined, and so finely ground that it quickly combines with the lime.

[Recent experiments have demonstrated that this wash is equally effective if the salt is eliminated. This spray is the standard insecticide for all scale insects, woolly aphids, etc., and is highly recommended for cleansing fruit trees, acting not only as an all-round insecticide, but to a great degree as a fungicide.

—J. R. A.]

Central Experimental Farm formula:—

Lime	12 lbs.
Sulphur, powdered	12 "
Water	40 gallons.

Ontario Department of Agriculture:—

Fresh lime	20 lbs.
Sulphur (flowers)	18 "
Water	40 gallons.