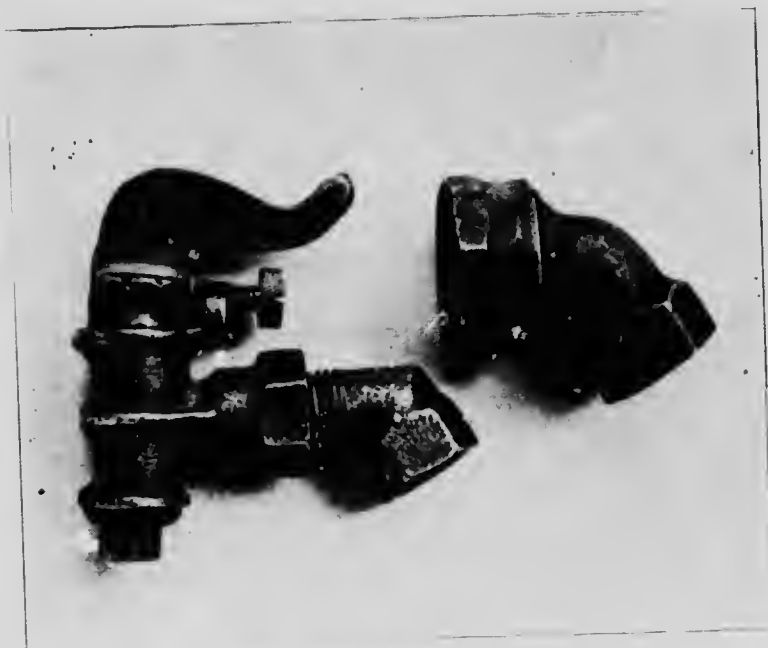


as with a power-sprayer. Both good and poor work is being accomplished every year with all types, depending largely on the efficiency of the man in charge. With this in view it would be useless to go fully into the question of spray outfit and make any recommendations, as it is difficult to know whom the reader will be. However, there are a few general principles with regard to their purchase which are worthy of mention.

In selecting an outfit the fruit-grower should not select his type from the standpoint of his present necessities, but should consider his requirements for the near future, during at least part of the lifetime of the outfit. It should be simple in construction (so it will not require the services of an expert mechanic to adjust it), strong, easily worked, easily cleaned, and one in which high pressure can be maintained. This latter point, though possibly not of any great importance as far as the majority of our orchard pests are concerned, is important, as it influences greatly the labour cost of spraying. Double pressure decreases considerably the time required for spraying, and it will be noticed in the cost of spraying as given below that labour is an important item.



Nozzles of Bordeaux (flat spray) and circular spray type with angle.

Always wash out thoroughly the spray outfit after using. This will save a lot of trouble and time.

Some essentials in a good spray outfit are:—

- (1.) The pump, etc., should be simple, strong, and easy to adjust.
- (2.) The pump should be lined with brass, or some material which will not be corroded or rusted by the spray mixture.