

MAINTENANCE AND DISTRIBUTION OF VIRUS-DISEASE FREE PROPAGATING MATERIALS

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The Foundation Plant Materials Service of the University of California maintains a Foundation Orchard and Vineyard of varieties that have been indexed and found to be virus-disease-free by Plant Pathologists of the University of California and the California Department of Agriculture. Propagation wood from these sources is distributed to nurseries and growers who are participating in this program, state agencies, foreign countries, and to growers and nurseries in general.

The screenhouse area is used to maintain the various stone fruit tree varieties in isolation. In addition, there is a small Foundation-orchard that was planted this spring in which will be grown two trees of each variety to serve as a source of budwood and graftwood.

Adjacent to the screenhouse are the liner beds in which registered Mahaleb and Mazzard seedlings are grown. The small liners are grown for distribution to nurseries as lining-out-stock; the orchard size liners are raised for growers. About 2 miles west of the isolation screenhouse, is the Foundation vineyard, in which the standard rootstocks, table, raisin and wine varieties are maintained. Material is distributed to nurseries and growers.

REGISTRATION AND CERTIFICATION

STANLEY MATHER
California State Department of Agriculture

Growers may use plant materials furnished by the University's Foundation Plant Materials Service for the propagation of nursery stock in accordance with regulations for registration and certification adopted by the State Department of Agriculture. These regulations are formulated when clean propagating sources are developed and when specific procedures are needed to maintain the virus cleanliness of the nursery stock and its identity. In the Department of Agriculture, methodology studies for the certification of nursery stock are carried on by the Bureau of Plant Pathology and procedures so developed are written into regulations which are administered by Nursery Service. The registration and certification programs are optional and self-supporting through fees collected to cover the Department's cost of indexing, testing, inspection, and supervision required by the regulations.

The development and operation of these programs exemplify the cooperation that exists in California between the workers of the University of California, the U. S. Department of