

DEPARTMENT OF FOOD AND AGRICULTURE

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REGULATIONS FOR REGISTRATION
AND CERTIFICATION OF GRAPEVINES
AS AMENDED EFFECTIVE JANUARY 30, 1984

Grapevines or grapevine plantings may be registered as rootstock and top-stock sources for the propagation of nursery stock when inspected and tested for virus diseases and other pests by procedures outlined in this article. Nursery stock grown from these registered sources may be certified. Participation in this program shall be voluntary.

3024. The provisions of section 3069 shall apply to this article.

3024.1 Definitions.

- (a) "Virus-infected" means infected by a graft-transmissible diseases listed in Section 3024.3(a).
- (b) "Index-tested" means tested for specific graft-transmissible disease using indicator plants as specified in Section 3024.3 (a).
- (c) "Off-type" means different from the variety which is registered in the foundation block.
- (d) "Registered" means that a grapevine in a foundation block or in an increase block has qualified as a propagative source by meeting the inspection and testing required in this article.
- (e) "Foundation block" means a planting of grapevines propagated from indexed sources and maintained by the University of California in which each vine has been registered to serve as a source of foundation stock.
- (f) "Increase block" means a planting of grapevines, established with stock from a foundation block, which serves as a propagation source for the production of California Certified Grape Nursery Stock.
- (g) "Foundation stock" means plants which have been produced in a foundation block.
- (h) "Registered stock" means plants which have been produced in an increase block.
- (i) "Progeny vine" means a vine propagated from a rootstock and/or a top-stock source that is indexed and is intended for planting in a foundation block.

- (j) "California Certified Grape Nursery Stock" means vines, rootings, cuttings, grafts, or buds taken or propagated from foundation or registered stock and certified in accordance with the provisions of this article.

3024.2 General provisions. Participation in this program is voluntary and may be withdrawn at the option of the applicant. With the exception of the foundation block, registration, certification, approvals, and supervision shall be conducted by the Department.

Indexing tests and inspections performed by the University of California on original source vines followed by visual inspection of vines from each subsequent planting in the participant's approved planting sites form the basis for certification by the Department.

- (a) Responsibility of the University of California. The university of California shall be responsible for the selection of source vines, index-testing, trueness to varietal identity, and disease status of the foundation stock.

The University shall notify all current participants in the registration and certification program when foundation stock which participants are using is found to be disease infected.

- (b) Responsibility of Applicant. The applicant shall be responsible for:
 - (1) The selection of the location and the proper maintenance of a planting being grown under the provisions of this article.
 - (2) Maintaining the identity of all nursery stock entered in the program.
 - (3) Submitting the application for certification.
 - (4) Farming and sanitation practices.
 - (5) Notifying the Department at least one week in advance of the harvesting as to when it will commence.
 - (6) Placing the information required on each certification tag furnished by the Department.
 - (7) Maintaining records, on an inventory sheet provided by the Department, of the certification tags used and the stock produced and sold.
- (c) Location of Plantings. Each planting shall be located in an area where contamination by soil-borne virus diseases of grapes from drainage, flooding, irrigation or other means is not likely to occur.

Each planting shall be located at least 100 feet from any land on which grapevines have grown within the past ten years, and shall be in a location

approved by the Department. The 100-foot distance may be waived provided stock planted within the 100-foot area is foundation, registered, or certified stock.

Treatment to eliminate soil-borne pests in a manner approved by and under supervision of the Department may be required.

- (d) Maintenance of Plantings. Any planting entered in this program shall be kept in a thrifty growing condition, and pests shall be kept under intensive control. Suitable precautions shall be taken in cultivation, irrigation, movement, and use of equipment and in other farming practices to guard against spread of soil-borne pests to plantings entered in this program.

The Department shall be notified in advance of the planting, replanting, grafting, budding, rebudding, pruning, removal of nursery stock, or removal of vines in any planting entered in this program in order that necessary inspections may be made or approval granted before the work is done.

Any plant found to be off-type shall be removed from any planting.

Nursery stock, including cuttings, produced under the provisions of this article shall be stored, heeled-in, or calloused in media, beds, or storage areas approved by the Department. The Department may require such treatment as may be necessary to protect against infection or infestation with pests.

- (e) Eligibility for planting.

- (1) In a Foundation Block. To be acceptable for planting in a foundation block, a plant shall be foundation stock, or its root-stock or top-stock sources and the plant itself shall have been inspected and tested and not found to be virus-infected or off-type, as provided in Section 3024.3 (a) and (f) of this article. The index readings shall have been completed within 24 months, or the plant shall have an equivalent known history approved by the Department.

The plant shall have been protected from possible virus infection in an approved manner from the time it was originally propagated until it is planted in a foundation block.

- (2) In an Increase Block. Foundation stock shall be acceptable for planting in an increase block. When approved by the Department, propagating wood from a field planted permanent increase block may be planted in the same increase block to increase its size or as replacements.
- (3) In a Nursery Planting. Foundation or registered stock shall be acceptable for planting or propagation in a nursery planting for

certification. Vines in a field nursery planting for certification which are 12 months old or less from time of propagation may be used as a supplemental source of cuttings for production of additional certified stock after inspection and approval by the Department.

3024.3 Inspection and Testing Procedures. Inspection and testing procedures prescribed in this article may be made by the University of California, the United States Department of Agriculture, or the Department, and shall be conducted in a manner and at times determined by the Department as suitable.

(a) Testing Progeny Vines.

- (1) The rootstock and top-stock sources of a progeny vine for which registration is planned and registered foundation vines for retesting shall be index-tested by using the specific indicator plants for the diseases as stated in the following table:

<u>Indicator Plant</u>	<u>Disease</u>
St. George grapevine	Fan leaf degeneration, fleck, asteroid mosaic, stem-pitting, and corky bark
Cabernet franc, LN-33, or Mission grapevine	Leafroll
LN-33 grapevine	Corky bark and leafroll
<u>Chenopodium</u> sp.	Grape decline (yellow vein) and/or fanleaf degeneration

- (2) Propagating wood to produce the progeny vines for a foundation block shall be taken from the parent rootstock and top-stock sources in the same growing season that tissue is taken from the parent sources for indexing. The progeny vines shall be visually inspected at least twice each growing season prior to planting in a foundation block.

(b) Inspection.

- (1) In a Foundation Block. At least two visual inspections of each vine shall be made by University personnel each growing season.
- (2) In an Increase Block. At least one visual inspection shall be made each year prior to the removal of fruit, if any, from the vines.
- (3) In a Nursery Planting. At least one visual inspection shall be made of grapevines in the nursery row. In addition, nursery stock shall be inspected at the time of digging.

To be eligible for certification or for approval as registered stock, nursery stock shall not remain in the nursery row more than two growing seasons.

(4) Additional inspections or tests may be required if seasonal conditions or other factors tend to obscure disease symptoms or make adequate inspection impossible, or when virus infection is suspected or disease symptoms may be masked in a particular variety. When index-testing is required, the indicator plants in subsection (a) (1) shall be used to test for the disease indicated therein.

(c) Registration or certification of grapevines entered in this program is based on index-testing to detect specific diseases as stated in subsection (a) (1).

In the event a graft-transmissible disease is detected in the registered foundation vines by index-testing, registration shall be suspended on all vines, including foundation, registered increase blocks and certified plantings. In addition, the participant shall notify in writing all recipients of the nursery stock from suspended vines that a graft-transmissible disease has been detected and reported by the University of California. The registration or certification of the nursery stock of the suspended vines will be reinstated upon receipt of an agreement by each grower and/or seller that all invoices, sales slips, and certification tags will clearly specify the virus disease present. This agreement shall be filed with the Department prior to the re-registration or certification of nursery stock produced from suspended vines. Records shall be kept by the seller and/or grower of all sales transactions of nursery stock produced from suspended vines and a copy of the records shall be submitted to the Department.

Certification of infected stock propagated from suspended vines shall be limited to propagation units already processed to produce nursery stock.

(d) Refusal of Approval or Cancellation of Registration or Certification. Registration or certification may be refused or canceled for any plants or planting if:

- (1) The requirements of this article have not been met;
- (2) Any vine in the planting is found virus-infected with a soil-borne virus;
- (3) The plant is off-type;
- (4) Any vine in the planting is found infected with any of the transmissible diseases listed in subsection (a) (1) that is not known to be soil-borne unless such vine is removed under supervision;

- (5) It is determined that a registered foundation block vine or registered increase block vine is transmissible disease-infected and the plants propagated from such source also are liable to be infected.
- (6) The pest cleanliness requirements for nursery stock in Section 3060.2 of the nursery inspection regulations, have not been met.

3024.4 Application and Fees

- (a) Application. The applicant shall furnish information requested and shall give his consent to the Department to take plants from any planting for inspection or testing purposes. An application shall be submitted for the acceptance of any planting and for subsequent inspections, approvals, registration or certification therein, and it may be refused unless made sufficiently in advance of time of planting to permit the Department to establish the origin of the stock, to determine the suitability of the location, and to supervise any treatment that may be required.
- (b) Fees. Fees established in this article are payable in advance of this work to be done, and are for the sole purpose of defraying expenses incurred in the inspection, approval, registration, and certification procedures herein provided, and are not to obtain any right or privilege.
 - (1) No fees shall be charged to the University of California or the United States Department of Agriculture for registration or for the inspection and testing of vines provided there shall be no expense to the Department other than for observation of the inspection and testing required in the article, and for the keeping of records. When the procedures prescribed in the article are conducted by the University of California, or by the United States Department of Agriculture, they shall not be less than provided in this article, and the Department shall be notified each year of the grapevines to be entered or continued in the program.
 - (2) The Department shall establish a schedule of fees for services provided in this article.
 - (3) Refunds. Fees paid for services that are not rendered shall be refunded to the applicant.