

REGULATIONS FOR THE CERTIFICATION OF AVOCADO NURSERY STOCK

AMENDED EFFECTIVE JANUARY 17, 1970

Avocado nursery stock may be certified when grown in accordance with the procedures outlined in this article to protect against infection with *Phytophthora cinnamomi*.

3030. Definitions:

Words defined in the General Provisions and Definitions (commencing with Section 1) and in Article 1 (commencing with Section 5001) Chapter 1, Part 1, Division 4 of the Agricultural Code have the same meanings for the purposes of this article and in addition:

- (a) "Certified block" means a planting of nursery stock for the production of certified nursery stock.
- (b) "Certified nursery stock" means yearling or younger trees propagated and certified in accordance with the provisions of this article.

3031. Requirements for Plantings and Stock

(a) *Generally.* Participation in this program shall be voluntary and may be withdrawn at the option of the applicant. Certification shall not imply any warranty on the part of the Department or of any employee thereof. Certification, approvals and supervision mentioned herein shall be conducted by the Department.

(b) *Responsibility of Applicant.* The applicant shall be responsible for the selection of the location and the proper maintenance of a planting being grown under the provisions of this article. He shall be responsible for maintaining the identity in an approved manner of all plants entered in the program.

(c) *Location of Plantings.* (1) Each planting and storage location shall be subject to approval and shall be in an area having minimal risks for spread of *Phytophthora cinnamomi* or other infectious pests by drainage, flooding, irrigation, or by other means.

(2) A certified block shall be a separate planting sufficiently apart from other nursery stock to maintain its identity.

(d) *Treatment and Handling.* (1) Avocado nursery stock for certification shall be grown in soil treated in accordance with the Department's "Approved Treatment, Handling and Inspection Procedures to Insure Against Nematode Pest Infestation on Fruit and Nut Tree, Grapevine, Berry and Vegetable Plant Nursery Stock". Fumigant dosages shall be as prescribed for clay loam soils in Schedule A., or the schedules for container grown nursery stock of these procedures, (except in the container schedule methyl bromide at the rate of 2 lbs. per 100 cubic feet is required).

(2) Vegetation shall not be permitted within 25 feet of a certified block except other

nursery stock meeting similar sanitary conditions subject to approval of the Department. When a certified block is grown in an approved enclosure the 25 foot isolation barrier may be waived.

(3) A certified block and its 25 foot isolation barrier shall be enclosed by an approved fence.

(4) Avocado seed for growing certified avocado nursery stock shall be immersed in hot water at a temperature of 120°F. to 122°F. for 30 minutes in a suitable dipping vat with adequate agitation to maintain even temperature. The treatment shall be conducted in an approved manner and in an approved vat.

(5) Containers shall be treated in an approved manner except no treatment shall be required of new clean containers.

(6) Certified nursery stock and treated seed shall be stored in an approved area to protect against infection by *Phytophthora cinnamomi*.

(7) Storage areas shall be treated in an approved manner.

3032. Inspection and Testing Procedures

(a) *Qualification of Stock.* (1) Avocado nursery stock for certification shall be inspected for the detection of *Phytophthora cinnamomi* by using approved laboratory-methods.

(b) *Refusal, Suspension or Cancellation of Certification.* Certification may be refused, suspended or cancelled for any plants in part or all of a planting if:

(1) The requirements of this article have not been met

(2) A planting for certification is found infected with *Phytophthora cinnamomi*.

(3) The pest cleanliness requirements for nursery stock in the Nursery Inspection Regulation of the California Administrative Code have not been met.

3033. Application and Fees

(a) *Application.* The applicant shall furnish any 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 inspection, approvals, or certification therein and it may be re used unless made sufficiently in advance of time of planting to permit the Department to determine the suitability of the location and to supervise any treatment that may be required.

(b) *Payment of Fees.* (1) Fees established in this article shall be received by the Department in advance of the work to be done. Fees paid by participants are for the sole purpose of defraying expenses incurred in the inspection, approval and certification procedures herein provided and are not to obtain any right or privilege.

(c) *Schedule of Fees.* (1) An application for the certification of avocado nursery stock together with a \$50 fee shall be filed for each planting of avocado nursery stock to be made. An additional fee of \$20 per 1,000 avocado seed or any portion thereof planted shall be paid at the time of planting.

(2) *Seed Treatment Fee.* Seed treated by an approved official regulatory agency

and certified in accordance with these requirements may be accepted and no fee required.

The minimum fee for supervision of seed treatment by the Department is \$50 for 10,000 seed treated in one continuous operation. If more than 10,000 seed, the fee shall be \$5 per 1,000.

(d) *Refund.* A refund of \$10 for each 1,000 seed planted may be made by the Department in the event that prior to harvest a nursery planting is withdrawn by the applicant or is refused by the Department.