Chapter 16-328 WAC
CERTIFICATION OF STRAWBERRY PLANTING STOCK

WAC

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DISPOSITION OF SECTIONS FORMERLY CODIFIED IN THIS CHAPTER


16-328-010 Strawberry plant certification fees. [Statutory Authority: Chapter 15.14 RCW. 01-11-032, § 16-328-010, filed 5/8/01, effective 6/8/01; 00-19-034, § 16-328-010, filed 9/12/00, effective 10/13/00; 92-15-114 (Order 3005), § 16-328-010, filed 7/21/92, effective 8/21/92; 87-13-016 (Order 1932), § 16-328-010, filed 6/9/87; Order 1216, § 16-328-010, filed 10/18/71, effective 11/18/71; Order 925, § 16-328-010, filed 6/25/63; Order 625, § 16-328-010, filed 6/25/63; Order 625, Regulation 3 (part), effective 4/29/52.] Repealed by 00-19-034, filed 9/12/00, effective 10/13/00. Statutory Authority: Chapter 15.14 and 34.05 RCW.


16-328-035 Strawberry plant certification—Requirements for the production of certified stock. [Statutory Authority: Chapter 15.14 RCW. 87-13-016 (Order 1932), § 16-328-035, filed 6/9/87; Order 1216, § 16-328-035, filed 10/18/71, effective 11/18/71; Order 925, § 16-328-035, filed 6/25/63; Order 625, Regulations 4 and 5, effective 4/29/52.] Repealed by 00-19-034, filed 9/12/00, effective 10/13/00. Statutory Authority: Chapter 15.14 RCW.

16-328-038 Production of certified strawberry nursery stock by micropropagation techniques. [Statutory Authority: Chapter 15.14 RCW. 87-17-024 (Order 1947), § 16-328-038, filed 8/13/87.] Repealed by 00-19-034, filed 9/12/00, effective 10/13/00. Statutory Authority: Chapter 15.14 RCW.

16-328-040 Handling the crop prior to inspection. [Order 625, Regulation 4, effective 4/29/52.] Omitted from Order 925, which superseded Order 625.


16-328-080 Strawberry plant certification—Tagging or stamping and plant inspection. [Statutory Authority: Chapter 15.14 RCW. 87-13-016 (Order 1932), § 16-328-080, filed 6/9/87; Order 1216, § 16-328-080, filed 10/18/71, effective 11/18/71; Order 1110, § 16-328-080, filed 5/31/69; Order 925, Regulation 7, filed 6/25/63; Order 625, Regulation 8, effective 4/29/52.] Repealed by 00-19-034, filed 9/12/00, effective 10/13/00. Statutory Authority: Chapter 15.14 RCW.


WAC 16-328-008 Definitions. "Department" means the department of agriculture of the state of Washington.

"Director" means the director of the department of agriculture or a duly appointed representative.

"Fairly clean" means that the roots are not matted or caked with dirt.

"Fairly fresh" means that the roots and petioles are not excessively wilted or otherwise damaged.

"Fairly well trimmed runners and petioles" means that the length of each runner and petiole is three inches or less.

"Firm" means that the crowns are not soft or spongy, although they may yield to slight pressure.

Free from damage by:

(a) "Sunburn" means that the roots are not damaged by sunburn or scald, but slight discoloration may be present.

(b) "Mold" means that the plants are free from excessive mold or decay. Plants slightly affected by mold may be allowed.

(c) "Freezing injury" means that the roots are of a normal color, and the plant is only moderately affected by discolored roots which may affect its normal growth. Black roots caused by disease are not permitted.

(d) "Broken or split crowns, mechanical injury" means there is no breaking or severance of the crown from the root.
section, or splitting of the crown, or other mechanical injury that would affect the normal growth of the plant.

"Index" means to test for virus infection by means of inoculation from the plant to be tested to an indicator plant, or by any other method accepted by the department.

"Indicator plant" means any herbaceous or woody plant used to index or test for virus infection.

"Moist" means that the plants are reasonably turgid and not dried to a degree that would affect normal growth.

"Nuclear stock" means strawberry plants that have been indexed and found free of known viruses and virus-like diseases by United States Department of Agriculture personnel or other personnel acceptable to the department. Nuclear plants must be reindexed for viruses and virus-like diseases at least every three years and maintained under conditions that would ensure freedom from infection.

"Off-type" means appearing by visual examination to be different from the species or variety listed on the application or exhibiting symptoms of a genetic or nontransmissible disorder.

"Similar varietal characteristics" means that the plants have the same general character of growth.

"Tolerance" means the maximum acceptable percentage of planting stock that is diseased, infected by plant pests, defective, or off-type based on visual inspection or laboratory testing by the director or other authorized person.

"Virus-like" means a graft-transmissible disorder resembling a virus disease, including, but not limited to, diseases caused by viroids and phytoplasmas.

\[\text{Statutory Authority: } \text{Chapters 15.14 and 34.05 RCW. 03-10-080, § 16-328-008, filed 5/6/03, effective 6/30/03. Statutory Authority: Chapter 15.14 RCW. 00-19-034, § 16-328-015, filed 9/12/00, effective 10/13/00; 87-13-016 (Order 1932), § 16-328-008, filed 6/9/87; Order 1216, § 16-328-008, filed 10/18/71, effective 11/18/71.}\]

**WAC 16-328-011 Strawberry plant certification fees.**

The strawberry plant certification fees are as follows:

1. Certification application fee. The applicant must furnish all information requested on the application for inspection, including, but not limited to, the crop, variety, class planted, date planted, source of seed or plants, acreage, field number, applicant's name and address, applicant's signature, and date of application. The applicant must allow the department to take plants or plant parts from any planting for inspection or testing purposes. A separate application is required for each cultivar and/or lot entered for certification. Applications for inspection must be filed with the Plant Services Program, P.O. Box 42560, Olympia, Washington, 98504-2560 by June 15 of each year and be accompanied by the application fee of $140.00.

2. Inspection fees. The department will conduct certification inspections at the hourly inspection rate established in chapter 16-401 WAC, plus mileage charged at a rate established by the state office of financial management. Testing fees will be charged at the rate established in chapter 16-470 WAC. Inspection and testing fees are payable upon completion of work. Billing may be arranged subject to department policies and processes.

3. The department will remove any applicant from the certification program for failing to pay fees when due.

4. The department will not accept applications from growers owing the department for previous fees.

(8/10/04)
WAC 16-328-065 Strawberry planting stock certification—Identification and marking. (1) After the plants have passed inspection, foundation, registered and certified strawberry planting stock must be identified by the official state of Washington plant tag or stamp. In addition, foundation or registered strawberry planting stock must be marked with the appropriate class as "foundation planting stock" or "registered planting stock."

(2) When they are offered for sale, crown division plants from certified planting stock must be segregated and packed separately from other stock. The plants must be identified with the official state of Washington plant tag or stamp and marked "crown divisions."

(3) All containers must be marked with the name and address of the grower, grade or class of stock, and variety.

WAC 16-328-083 Strawberry planting stock grades and standards—Washington No. 1. Washington No. 1 strawberry planting stock consists of strawberry plants of one variety or plants of similar varietal characteristics which are:

(1) Fairly fresh.
(2) Firm.
(3) Moist.
(4) Fairly clean.
(5) Fairly well trimmed runners and petioles.
(6) Free from damage caused by:
   (a) Sunburn.
   (b) Mold.
   (c) Freezing injury, black roots.
   (d) Broken or split crown, mechanical injury.
(7) Free from detectable dangerous pests or diseases, including plant parasitic nematodes.

Strawberry plants in this grade must have at least ten main roots with a minimum length of two and one-half inches, and a minimum crown diameter of one-fourth inch measured at the base of the crown.

WAC 16-328-085 Strawberry planting stock grades and standards—Washington No. 2. Washington No. 2 shall consist of strawberry plants of one variety or plants of similar varietal characteristics which meet all of the requirements of Washington No. 1 except strawberry plants in this grade must have at least six main roots with a minimum length of two and one-half inches.

WAC 16-328-088 Strawberry planting stock grades and standards—Tolerances for inspection during or after harvest. (1) In order to allow for variations incident to proper grading and packing, not more than a combined total of ten percent, by count, of the plants in any lot may fail to meet the

<table>
<thead>
<tr>
<th>Factors</th>
<th>Foundation (%)(all inspections)</th>
<th>Registered (%)(1st &amp; 2nd inspections)</th>
<th>Certified (%)(3rd inspection)</th>
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<tbody>
<tr>
<td>Visible Symptoms of Virus Diseases</td>
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<td>0</td>
<td>1</td>
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<tr>
<td>Visible Symptoms of Red Stele</td>
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<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Nematode</td>
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<tr>
<td>Variety Mixture</td>
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<td>0</td>
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<tr>
<td>All other Diseases</td>
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<td>2</td>
</tr>
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[Statutory Authority: Chapter 16.14 RCW. 00-19-034, § 16-328-060, filed 9/12/00, effective 10/13/00; 87-13-016 (Order 1932), § 16-328-060, filed 6/9/87; Order 1216, § 16-328-060, filed 10/18/71, effective 11/18/71; Order 925, Regulation 5, filed 6/25/63; Order 625, Regulation 6, effective 4/29/52.]
requirements of the grades specified in WAC 16-328-083 or 16-328-085.

(2) Individual packages in any lot may vary from the tolerance specified above in this section, if the average for the entire lot, based on sample inspection, is within the tolerance.

(3) Strawberry planting stock must be packed in such manner to retain a fresh condition.

[Statutory Authority: Chapter 15.14 RCW. 00-19-034, § 16-328-088, filed 9/12/00, effective 10/13/00; 87-13-016 (Order 1932), § 16-328-088, filed 6/9/87.]