

STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
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DIVISION OF HORTICULTURE
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Olympia

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STANDARDS FOR STRAWBERRY PLANTS

WASHINGTON No. 1 shall consist of strawberry plants of one variety or plants of similar varietal characteristics (1), which are fairly fresh (2), firm (3), moist (4), fairly clean (5), fairly well trimmed runners and petioles (6), and free from damage caused by sunburn (7), mold (8), black roots, freezing injury (9), broken or split crown or mechanical injury (10), and from detectable dangerous pests or disease (11).

For Marshall Type. The length of the main roots shall be not less than 3-1/2 inches, having not less than 12 main roots, with a minimum crown diameter of 5/16 inches measured at the base of the crown.

For Northwest Type. The length of the main roots shall be not less than 3-1/2 inches, having not less than 12 main roots, with a minimum crown diameter of 1/4 inches measured at the base of the crown.

Application of Tolerances

The tolerances for the standards are on a container basis. However, individual packages in any lot may vary from the specified tolerances as stated below, provided the averages for the entire lot, based on sample inspection, are within the tolerances specified. Individual packages in any lot may contain not more than one and one-half times the tolerance specified.

Tolerances

In order to allow for variations incident to proper grading and packing, not more than a combined total of 10 per cent, by count, of the plants in any lot may fail to meet the requirements of the above grade. However, not to exceed 2 per cent of this tolerance shall be allowed for damage caused by split or broken crowns or mechanical injury and not more than 5 per cent of the plants may have petioles or runners in excess of 3 inches in length. No tolerance is permitted for detectable dangerous pests or diseases.

Packing

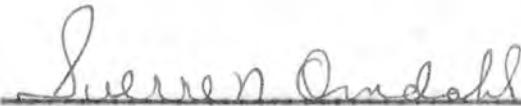
Strawberry plants are to be packed in such manner that they will retain a fresh condition.

Definition of Terms

As used in these standards:

- (1) "Similar varietal characteristics" means that the plants have the same general character of growth.
- (2) "Fairly fresh" means that the roots and petioles are not excessively wilted or otherwise damaged.
- (3) "Firm" means that the crowns are not soft or spongy, although they may yield to slight pressure.
- (4) "Moist" means that the plants are reasonably turgid and not dried to a degree that would affect normal growth.
- (5) "Fairly clean" means that the roots must be fairly clean and not matted or caked with dirt.

- (6) "Fairly well trimmed runners and petioles" means that the runners and petioles shall be fairly well trimmed when the length of each does not exceed 3 inches.
- (7) "Free from damage caused by sunburn" means that the roots shall not be damaged by sunburn or scald, but slight discoloration will be permitted.
- (8) "Free from damage caused by mold" means that the plants must be free from excessive mold or decay. Plants slightly affected by mold will be allowed.
- (9) "Free from damage caused by black roots, freezing injury" means that the roots must be of a normal color and only moderately affected by discolored roots which affect the normal growth of the plant. Black roots caused by disease shall not be permitted.
- (10) "Free from damage caused by broken or split crowns, or mechanical injury" means that the 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.
- (11) "Free from detectable dangerous insect pests or disease" means that no tolerance will be permitted for dangerous insects such as cyclaman mite, crown borer, or other destructive insects, or detectable diseases that affect the strawberry plant.


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Signed at Olympia, Washington this _____ day of June, 1954.