

cl. Dept. of Justice 710

NEW JERSEY STANDARDS FOR
CERTAIN NAMED AND NUMBERED VARIETIES OF PEACHES

N. J. Fancy shall consist of peaches limited to named or numbered varieties, which have been developed at the New Jersey State Experiment Station, which are packed in standard containers and marked "N. J. Fancy" and identified by a label (hereinafter described) affixed to the package.

N. J. Fancy shall consist of peaches of one variety which are mature but not soft or overripe, well formed; free from decay, bacterial spot, cuts which are not healed, growth cracks, hail injury, scab, scale, split pits, worms, worm holes, leaf or limb rub injury; and from damage caused by bruises, dirt or other foreign materials, other disease, insects or mechanical or other means.

Each peach shall meet its varietal color requirement as follows, which is expressed in terms of percentage of the fruit surface showing red color characteristic of the variety.

<u>Variety</u>	<u>N. J. Fancy Per Cent</u>	<u>N. J. No. 1 Per Cent</u>
Eclipse	50	25
N. J. 66	50	25
N. J. 87	50	25
N. J. 94	50	25
N. J. 83	50	25
N. J. 84	50	25
N. J. 91	50	25
Golden Jubilee	25	15
N. J. 73	25	15

In order to allow for variations incident to proper grading and handling, not more than 10 per cent, by count, of the peaches in any package* may be below the requirements of this grade other than for color but not more than one-half of this tolerance, or 5 per cent, shall be allowed for defects causing serious damage and not more than one-fifth of this amount, or 1 per cent, shall be allowed for decay at shipping point. An additional tolerance of 2 per cent shall be allowed for soft or over-ripe peaches or decay enroute or at destination. In addition, not more than 10 per cent, by count, of the fruit in any package* may be below the specified color requirement.

N. J. No. 1 shall consist of peaches of one variety which are mature but not soft or overripe, well formed, free from decay, growth cracks, cuts which are not healed, worms, worm holes, and from damage caused by bruises, dirt or other foreign materials, bacterial spot, scab, scale, hail injury, leaf or limb rubs, split pits, other disease, insects or mechanical or other means.

In order to allow for variations incident to proper grading and handling, not more than 10 per cent, by count, of the peaches in any package* may be below the requirements of this grade but not more than one-half of this tolerance, or 5 per cent, shall be allowed for defects causing serious damage and not more than one-fifth of this amount, or 1 per cent, shall be allowed for decay at shipping point. An additional tolerance of 2 per cent shall be allowed for soft or overripe peaches or decay enroute or at destination.

Marking Requirements for Size

(Closed Packages)

The minimum size, numerical count, or description of pack of the peaches in any package shall be plainly stenciled, labeled, or otherwise indicated on the package. Minimum size refers to the "diameter" (as hereinafter defined) of the smallest peach and shall be stated in terms of whole inches, whole and half inches, whole and quarter inches, or whole and eighth inches, as 2 inches minimum, $2\frac{1}{4}$ inches minimum, $1\frac{7}{8}$ inches minimum, etc., in accordance with the facts.

"Diameter" means the shortest distance measured through the center of the peach at right angles to a line running from the stem to the blossom end.

In order to allow for variations incident to proper sizing, not more than 10 per cent, by count, of the peaches in any package* may be below the specified minimum size.

Description of pack refers especially to peaches packed in six-basket carriers. When used, it shall include the arrangement of the peaches in each layer in the baskets and also the total number of layers in the carrier and shall be indicated as follows: 2-1, 6 layers; 2-2, 6 layers; 3-2, 6 layers, in accordance with the facts.

*Application of tolerances. - The tolerances specified for the various grades are placed on a package basis. However, any lot of peaches shall be considered as meeting the requirements of a specified grade if the entire lot averages within the tolerances specified, provided that the defects in any package based on sample inspection do not exceed the following amounts:

For a specified tolerance of 10 per cent not more than one and one-half times the tolerance shall be allowed for any one package.

For specified tolerances of 5 per cent or less, not more than double the tolerance shall be allowed for any one package.

Standard Pack

Each package shall be packed so that the peaches in the shown face shall be reasonably representative in size, color and quality of the contents of the package.

Six-basket carriers. - Peaches packed in the standard six-basket carrier shall be reasonably uniform in size and arranged in the individual baskets according to the approved and recognized methods:

	Bottom layer	Middle layer	Top layer	Total basket	Total carrier
2 x 1 - 6 layer	8	7	8	23	138
2 x 1 - 6 layer	9	9	9	27	162
2 x 2 - 6 layer	10	10	10	30	180
2 x 2 - 6 layer	10	12	12	34	204
3 x 2 - 6 layer	13	15	15	43	258

All baskets shall be well filled and packed with sufficient bulge to prevent any appreciable movement after lidding but the contents shall not show excessive or unnecessary bruising because of over-filled packages.

Baskets - Peaches packed in bushel or half-bushel round bottom baskets and tub baskets shall be ring faced and tightly packed with sufficient bulge to prevent any appreciable movement of the peaches within the packages when lidded.

Definitions of Terms

As Used in These Grades:

"Mature" means that the peach has reached the stage of growth which will insure a proper completion of the ripening process. For the purpose of determining maturity a pressure tester of recognized accuracy may be used by the inspector.

"Well formed" means that the peach has the shape characteristic of the variety.

"Leaf or limb rub injury" means that the scarring is not smooth, not light colored, or aggregates more than 1/4 inch in diameter.

"Damage" means any injury or defect which materially affects the appearance, edible or shipping quality of the peach. Any one of the following defects, or any combination thereof, the seriousness of which exceeds the maximum allowed for any one defect, shall be considered as damage:

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- (a) Bacterial spot when cracked, or when aggregating more than $\frac{3}{8}$ inch in diameter.
- (b) Scab spots when cracked, or when aggregating more than $\frac{3}{8}$ inch in diameter.
- (c) Scale when concentrated, or when scattered and aggregating more than $\frac{1}{4}$ inch in diameter.
- (d) Hail injury which is unhealed, or deep, or when aggregating more than $\frac{1}{4}$ inch in diameter.
- (e) Leaf or limb rubs when not smooth, or when not light colored, or when aggregating more than $\frac{1}{2}$ inch in diameter.
- (f) Split pit when causing any unhealed crack, or when causing any crack which is readily apparent, or when affecting shape to the extent that fruit is not well formed.

"Serious damage" means any injury or defect which seriously affects the appearance, edible or shipping quality of the peach. Any one of the following defects, or any combination thereof, the seriousness of which exceeds the maximum allowed for any one defect shall be considered as serious damage:

- (a) Bacterial spot when any cracks are not well healed, or when aggregating more than $\frac{3}{4}$ inch in diameter.
- (b) Scab spots when cracked, or when healed and aggregating more than one inch in diameter.
- (c) Scale when aggregating more than $\frac{1}{2}$ inch in diameter.
- (d) Growth cracks when unhealed, or more than $\frac{1}{2}$ inch in length.
- (e) Hail injury when unhealed, or shallow hail injury when aggregating more than $\frac{3}{4}$ inch in diameter, or deep hail injury which seriously deforms the fruit or which aggregates more than $\frac{1}{2}$ inch in diameter.
- (f) Leaf or limb rubs when smooth and light colored and aggregating more than $\frac{1}{2}$ inches in diameter, or dark or slight rough and barklike scars aggregating more than $\frac{3}{4}$ inch in diameter.
- (g) Split pit when causing any unhealed crack, or when healed and aggregating more than $\frac{1}{2}$ inch in length including any part of the crack which may be covered by the stem.
- (h) Soft or overripe peaches.
- (i) Wormy fruit or worm holes.

"Badly misshapen" means that the peach is so decidedly deformed that its appearance is seriously affected.

(Exception)

For the purpose of enforcement of these grades where peaches of the varieties listed are sold in open packages for immediate consumption, the requirements under maturity shall be changed to permit the sale of riper peaches meeting the recognized commercial practices of the type of market in which such peaches are offered for sale. But no peaches shall be offered for sale under this grade that are over-ripe, or excessively soft, or show decay in excess of the tolerance as indicated for destination. (For this purpose it is recommended that maturity be determined by the use of a pressure test in accordance with the recognized variety characteristics.)