

§4-4-42

STANDARDS FOR HAWAII-GROWN EGGPLANTS*

This UNOFFICIAL COPY of standards for eggplants, rewritten for easy interpretation, is based on Chapter 4-41, Hawaii Administrative Rules, Standards for Fresh Fruits and Vegetables. The general provisions of this Chapter, summaries of standards for other fruits and vegetables, and official copies of the complete chapter are available in each county.

HAWAII FANCY (GRADE AA)	HAWAII NO. 1 (GRADE A)	HAWAII NO. 2 (GRADE B)
<u>Basic Requirements</u>	<u>Basic Requirements</u>	<u>Basic Requirements</u>
Similar varietal characteristics (1)	Similar varietal characteristics (1)	Similar varietal characteristics (1)
Clean (2)	Clean (2)	Clean (2)
Firm (3)	Firm (3)	Firm (3)
Well trimmed (4)	Well trimmed (4)	Well trimmed (4)
Well colored (5)	Fairly well colored (11)	Not badly misshapen (15)
Well shaped (6)	Fairly well shaped (12)	Not overgrown (8)
Smooth (7)	Fairly smooth (13)	
Not overgrown (8)	Not overgrown (8)	
<u>Free From</u>	<u>Free From</u>	<u>Free From</u>
Decay	Decay	Decay
Freezing injury	Freezing injury	Freezing injury
Wormholes	Wormholes	Wormholes
Bruises (9)	Bruises (9)	
<u>Free From Injury (10)</u>	<u>Free From Damage (14)</u>	<u>Free From Serious Damage (16)</u>
<u>Caused By</u>	<u>Caused By</u>	<u>Caused By</u>
Scars	Scars	Scars
Disease	Disease	Disease
Insects	Insects	Insects
Mechanical or other means	Cracks	Cracks
	Mechanical or other means	Yellowing
		Bruises
		Mechanical or other means
<u>Size Requirement</u>	<u>Size Requirement</u>	<u>Size Requirement</u>
Thick, chunky and intermediate types (17) shall be 1/2 - 1-3/4 pounds.	Thick, chunky and intermediate types (17) shall be not less than 3/8 pound, unless otherwise specified.	None.

* Numbers in parentheses following grade terms indicate where such terms are defined under "Definitions."

<u>Tolerances (count basis)</u>	<u>Tolerances (count basis)</u>	<u>Tolerances (count basis)</u>
Defects: Total 10%; provided not more than 5% damage, including 1% decay.	Defects: Total 10%; provided not more than 5% serious damage, including 1% decay.	Defects: Total 10%; including 1% decay.
Off-size: Total 10%.	Off-size: Total 10%.	Off-size: Total 10%.

OFF-GRADE. "Off-grade" is not a grade within the meaning of these standards, but is a descriptive term applicable to eggplants which have a market value, and designates a quality lower than the lowest applicable Hawaii grade for eggplants.

OPTIONAL SIZE DESIGNATION. The size of eggplants in any container or any lot may be specified in terms of count or of minimum weight or of minimum and maximum weights. If size is designated in terms of count, eggplants in individual containers shall be fairly uniform in size. Fairly uniform in size means that the weight of the smallest eggplant in the container is not less than 1/2 the weight of the largest eggplant, provided that one eggplant which does not meet this requirement shall be permitted in any container.

APPLICABLE GRADE TERMS. Eggplants shall be classified in accordance with the grading system designated below:

Wholesale Quantities - HAWAII FANCY, HAWAII NO. 1 or HAWAII NO. 2,
whichever is applicable.

Consumer Packages
and Bulk Displays - HAWAII GRADE AA, HAWAII GRADE A or HAWAII GRADE B,
whichever is applicable.

APPLICATION OF TOLERANCES. Averages for the entire lot, based on examination of representative samples, shall be within the tolerances specified, but the contents of individual containers in any lot may vary from the specified tolerances subject to the following limitations:

When the tolerance specified is more than 5 percent, individual packages in any lot may contain not more than 1-1/2 times the tolerance, provided that at least one specimen which fails to meet the requirements shall be permitted in any container.

When the tolerance specified is 5 percent or less, individual packages in any lot may contain not more than double the tolerance, provided that at least one specimen which fails to meet the requirements shall be permitted in any container.

MINIMUM EXPORT GRADE. Eggplants for export shall at least meet the requirements of Hawaii No. 1 eggplants.

DEFINITIONS.

(1) "Similar varietal characteristics" means the eggplants are alike as to shape, color and other general characteristics.

(2) "Clean" means practically free from dirt or other foreign material and from staining.

(3) "Firm" means not soft, flabby or shrivelled.

(4) "Well trimmed" means the stem is not longer than 1-1/2 inches and is cut off neatly and is not sharp or frayed.

(5) "Well colored" means:

- (a) For purple type eggplant, the individual eggplant is uniformly colored a deep purple or purplish black color; the color is bright; and the eggplants in any container are reasonably uniform in color; and
- (b) For all other types of eggplant, the color of the eggplant is bright and typical of the variety, and the eggplants in any container are reasonably uniform in color.

(6) "Well shaped" means the eggplant is well proportioned and has the normal shape for the variety. Long types may be no more than very slightly curved. A long type eggplant 8 inches in length (18) is more than very slightly curved when the distance between the inner curvature of the eggplant and a straight line extending from one end of the eggplant to the other, exclusive of the attached stem, exceeds 3/4 inch at any one point. Shorter eggplants shall have a proportionately lesser curvature and longer eggplants may have greater curvatures, provided that such curvatures do not affect the appearance of the eggplants to a greater extent than the curvature permitted on an 8 inch eggplant.

(7) "Smooth" means free from cracks, rough areas or rough scars.

(8) "Overgrown" means the eggplant has passed beyond the best stage for eating, indicated by a spongy flesh and seeds that are tough or dark brown.

(9) "Bruises" means bruising injuries other than those that are slight and incident to proper packing and handling.

(10) "Injury" means any specific defect described in Table 1, Classification of Defects; or an equally objectionable variation of any one of these defects, any other defect, or any combination of defects, which appreciably detracts from the appearance, or the edible or shipping quality of the eggplants.

(11) "Fairly well colored means:

- (a) For thick, chunky, and intermediate types of purple eggplant, at least 90 percent of the surface is a deep purple or purplish black color;
- (b) For long type purple eggplant, at least 60 percent of the surface is of purple color and the remainder of the surface is not yellow or otherwise abnormally colored; and
- (c) For eggplants that are of other than purple type, the color is fairly bright and typical of the variety.

(12) "Fairly well shaped" means the eggplants do not vary more than moderately from the normal shape. Long type eggplants may be no more than moderately curved, curled or twisted. A long type eggplant 8 inches in length (18) is more than moderately curved when the distance between the inner curvature of the eggplant and a straight line extending from one end of the eggplant to the other, exclusive of the attached stem, exceeds 1-1/2 inches at any one point.

Shorter eggplants shall have a proportionately lesser curvature and longer eggplants may have greater curvatures, provided that such curvatures do not affect the appearance of the eggplants to a greater extent than the curvature permitted on an 8 inch eggplant. Intermediate types shall be not more than slightly curved, but may be cylindrical.

(13) "Fairly smooth" means the eggplant is not materially ridged or rough.

(14) "Damage" means any specific defect described in Table 1, Classification of Defects; or an equally objectionable variation of any one of these defects, any other defect, or any combination of defects, which materially detracts from the appearance, or the edible or shipping quality of the eggplants.

(15) "Badly misshapen" means the eggplant varies decidedly from the normal shape and is seriously deformed. A long type eggplant 8 inches in length (18) is badly misshapen when the distance between the inner curvature and a straight line extending from one end of the eggplant to the other, exclusive of the attached stem, exceeds 2-1/4 inches at any one point. Shorter eggplants shall have a proportionately lesser curvature and longer eggplants may have greater curvatures, provided that such curvatures do not affect the appearance of the eggplants to a greater extent than the curvature permitted on an 8 inch eggplant.

(16) "Serious damage" means any specific defect described in Table 1, Classification of Defects; or an equally objectionable variation of any one of these defects, any other defect, or any combination of defects, which seriously detracts from the appearance, or the edible or shipping quality of the eggplants.

(17) "Intermediate types" means oval, cylindrical or pear shaped or similar type eggplants that appear elongated as compared to the thick, chunky type eggplants.

(18) "Length" of long type eggplants is measured along the outer curvature, exclusive of the attached stem.

Table 1. Classification of Defects

FACTOR	INJURY	DAMAGE	SERIOUS DAMAGE
Scars	Smooth, blossom end scars aggregating an area more than 3/4 inch in diameter on thick, chunky and intermediate types.	<p>On thick, chunky and intermediate types, smooth and aggregating an area more than 1 inch in diameter; rough and aggregating an area more than 3/4 inch in diameter; or excessively rough and affecting shape.</p> <p>On long type, smooth and aggregating an area more than 3/4 inch in diameter; rough and aggregating an area more than 1/2 inch in diameter; or excessively rough and affecting shape.</p>	Smooth and aggregating more than 15% of surface; or rough and aggregating more than 5% of surface.
Cracks		Unhealed or affecting appearance to greater extent than permitted for scars.	Unhealed or affecting appearance to greater extent than permitted for scars.
Yellowing			Any yellow color or any other abnormal color seriously affects appearance.