

§4-41-58

STANDARDS FOR HAWAII-GROWN RED AND ICICLE RADISHES*

This UNOFFICIAL COPY of standards for red and icicle radishes, 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 NO. 1 (GRADE A)

HAWAII NO. 2 (GRADE B)

ROOTS

ROOTS

Basic Requirements

Basic Requirements

Similar varietal characteristics (1)
Clean (2)
Well trimmed (3)
Fairly well shaped (4)
Firm (5)
Tender (6)

(Same as Hawaii No. 1)

Free From

Free From

Freezing Injury
Decay
Shriveling

(Same as Hawaii No. 1)

Free From Damage (7) Caused By

Free From Damage (7) Caused By

Growth cracks or air cracks (7a)
Russeting (7b)
Pithiness (7c)
Cuts (7d)
Disease
Insects
Mechanical or other means

(Same as Hawaii No. 1)

Size Requirement

Size Requirement

Not less than 5/8 inch in diameter (10),
unless otherwise specified.

(Same as Hawaii No. 1)

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

TOPS

Basic Requirements

Clean (2)
Fresh (8)
Proper length (9)

Free From

Decay

Free From Damage (7) Caused By

Freezing
Seedstem
Yellowing or other discoloration (7e)
Disease
Insects
Mechanical or other means

Tolerances (count basis)

Defective Roots: Total 10%; provided not more than 5% serious damage (11), including 1% decay.
Defective Tops: Total 10%; provided not more than 5% failing to meet the requirement for proper length and not more than 2% decay.
Off-size: 10%.

TOPS

Basic Requirements

(Same as Hawaii No. 1)

Free From

(Same as Hawaii No. 1)

Free From Damage (7) Caused By

(Same as Hawaii No. 1)

Tolerances (count basis)

Defective Roots: Total 10%; provided not more than 1% decay.
Defective Tops: Total 10%; provided not more than 2% decay.
Off-size: 10%.

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

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.

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

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

Consumer Packages

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

DEFINITIONS.

(1) "Similar varietal characteristics" means the radishes are similar in color and shape. For example , red varieties shall not be mixed with white varieties, and globe type varieties shall not be mixed with long type varieties.

(2) "Clean" means practically free from dirt or other foreign material, and there is no caked dirt on the root.

(3) "Well trimmed" means the root is not covered with secondary rootlets to the extent that the appearance is materially affected, and any objectionable long or coarse tail-like root has been removed.

(4) "Fairly well shaped" means the root is not misshapen to the extent that the appearance is seriously affected.

(5) "Firm" means the root is crisp and not soft or flabby.

(6) "Tender" means the root is not woody or stringy.

(7) "Damage" means any specific defect described in this section; 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 radish. The following specific defects shall be considered as damage:

(a) Growth cracks or air cracks, when discolored or deep; or when more than 3/8 inch in length; or when the appearance is materially affected.

(b) Russeting, when smooth and, alone or in combination with light colored scars, affecting more than 15 percent of the root surface; or when rough and, alone or in combination with dark colored scars, affecting more than 5 percent of the root surface.

(c) Pithiness, when there is more than a slight pithy condition; or when the edible quality is materially affected.

(d) Cuts, when discolored, rough or deep; or when aggregating an area more than 3/8 inch in diameter.

(e) Yellowing or other discoloration, when the appearance of the top or leafstem is materially affected. Slight yellowing or discoloration, or other abnormal color affecting only a few leaves shall not be considered as materially affecting appearance if the top as a whole shows a predominantly normal green color.

(8) "Fresh" means the tops are not badly wilted.

(9) "Proper length" means the tops are not clipped on radishes with full length tops; or the remaining leafstems on topped radishes are not more than 3/8 inch long and no portion of the crown is cut off to the extent that the flesh is exposed.

(10) "Diameter" means the greatest dimension of the radish root measured at right angles to a line running from the crown to the base of the root.

(11) "Serious damage" means any defect or combination of defects which seriously detracts from the appearance, or the edible or shipping quality of the radish.