

§ 4-41-34

STANDARDS FOR HAWAII-GROWN HEAD CABBAGE *

This UNOFFICIAL COPY of standards for head cabbage, 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)

Basic Requirements

Similar varietal characteristics (1)
 Reasonably solid (2)
 Well trimmed (3) but not excessively trimmed (4)
 Fairly well shaped (5)
 Good head formation (6)
 Not withered or burst
 Not puffy (7)

Basic Requirements

Similar varietal characteristics (1)
 Well trimmed (3) but not excessively trimmed (4)
 Not withered or burst

Free From

Soft Rot (8)
 Seedstem (9)

Free From

Soft Rot (8)
 Seedstem (9)

Free From Damage (10) Caused By

Discoloration
 Freezing
 Dirt
 Thrips or other insects
 Disease
 Mechanical or other means

Free From Damage (10) Caused By

Discoloration
 Freezing
 Dirt
 Thrips or other insects
 Disease
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SIZE CLASSIFICATIONS. The minimum or maximum size may be specified in connection with the grade, such as "Hawaii No. 1, 1 pound minimum" or "Hawaii No. 2, 2 to 4 pounds" or "Hawaii No. 1, 4 pounds maximum"; or any lot may be classified as Small, Medium, Large, Small to Medium, or Medium to Large, in accordance with the facts. The following optional size classifications may be used:

<u>Type of Cabbage</u>	<u>Small</u>	<u>Medium</u>	<u>Large</u>
Pointed	Under 1-1/2 lbs.	1-1/2 to 4 lbs	Over 4 lbs.
Domestic	Under 1-1/2 lbs.	1-1/2 to 4 lbs.	Over 4 lbs.
Danish	Under 2-1/2 lbs.	2-1/2 to 5 lbs.	Over 5 lbs.

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

Tolerances (Weight Basis)

Defects: Total 10%; provided not more than 2% soft rot.

Off-size: Not more than 5% above and 5% below the size specified.

Tolerances (weight basis)

Defects: Total 10%; provided not more than 2% soft rot.

Off-size: Not more than 5% above and 5% below the size specified.

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

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. Head cabbages 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.

MINIMUM EXPORT GRADE. Head cabbage for export shall meet the requirements of Hawaii No. 1 head cabbage.

DEFINITIONS.

(1) "Similar varietal characteristics" means the cabbages in any lot have the same general characteristics as to shape, color and type of growth.

(2) "Reasonably solid" as applied to: Pointed type cabbage and Domestic type cabbage means at least fairly firm; Danish type cabbage and red cabbage means at least firm; Savoy type cabbage means not soft or puffy. Savoy type cabbages are characteristically loosely formed and light in weight.

As used in this definition, "firm" means the head is closely formed and does not yield readily to pressure. "Fairly firm" means the inner structure of the head is fairly compact and the head yields to moderate pressure but is not soft or puffy.

(3) "Well trimmed" means the stem does not extend more than 1/2 inch beyond the point of attachment of the outer leaves. In addition, head cabbages sold direct to consumers shall have no wrapper leaves and head cabbages sold in wholesale quantities shall have no more than 4 wrapper leaves. "Wrapper leaves" mean leaves which do not enfold the head fairly tightly more than 2/3 the distance from the base to the top.

(4) "Excessively trimmed" means the outer head leaves have been removed exposing the tender, white inner leaves.

(5) "Fairly well shaped" means the head is not excessively elongated or otherwise materially off-shape for the type.

(6) "Good head formation" means the various sections of the head show about the same degree of solidity, as determined from the outside of the head, and the outer head leaves are not short and at least reach to within an inch of the top of the head.

(7) "Puffy" means the head is very light in weight in comparison to its size, or has excessive air spaces in its central portion.

(8) "Soft rot" means any soft or wet decay.

(9) "Seedstem" means the seed stalk is showing or the formation of a seed stalk has plainly begun.

(10) "Damage" means any defect or combination of defects which materially detracts from the appearance, or the edible or shipping quality of the head cabbage.