



PRODUCT SPECIFICATIONS FOR DECORTICATED RED LENTILS

NOTE: All Decorticated Red Chief Lentils are 100% defective because of skinned and split lentils.

Definitions:

Damaged lentils: Whole and pieces of lentils which are distinctly damaged by frost, weather, disease, heat, or are distinctly soiled or stained.

Foreign material in dockage-free lentils: All matter other than lentils, and including detached seed coats.

Good color lentils: Lentils that are practically free from discoloration and have the uniform natural color and appearance characteristic of the predominating lentil type.

Skinned lentils: Lentils from which three-fourths or more of the seed coat has been removed.

Split lentils: Pieces of lentils which are less than three-fourths of a lentil, and lentils in which the cotyledons are loosely held together.

15/64 round-hole sieve: A metal sieve 0.0319 inch thick, perforated with round holes 0.2343 (15/64) inch in diameter, which are 0.3125 (5/16) inch from center to center. (The perforations of each row shall be staggered in relation to the adjacent rows.)

All lentils shipped will be US#1 except for splits and skinned lentils or unless otherwise requested by the customer. US#1 Specifications are as follows.

Not more than 2.0% Total damaged.

Not more than 0.2% foreign material.

Not more than X.X% skinned lentils. Does not apply

Not more than 14% moisture.

Not more than X.X% Total Split Does not apply

Not more than 3.0 percent will readily pass through a 15/64 round-hole sieve.

Lentils will be good color and uniform in size.

* **Shelf life:** 24 months

***Manufacture Code:** Pack Date

* **Storage:** dry, cool, dark storage conditions consistent with modern storage practices

* **Product is dated by:** production date

Decorticated Red Chief Lentil Specification

PERCENT MAXIMUM LIMITS OF –FOREIGN MATERIAL

Grading Factors	Grades U.S.		
	1	2	3
Defective Lentils			
Total 1/.....	2	3.5	5
Weevil-Damaged Lentils.....	0.3	0.8	0.8
Heat-Damaged Lentils.....	0.2	0.5	1
Foreign Material			
Total 2/.....	0.2	0.5	0.5
Stones.....	0.1	0.2	0.2
Skinned Lentils.....	N/a	N/a	N/a
Contrasting Lentils 3/.....	2	4	>4.0
Inconspicuous Admixture.....	0.5	0.8	1
Minimum Requirements for Color.....	GOOD	FAIR	POOR

U.S. Sample grade shall be lentils which:

- (a) Do not meet the requirements for the grades U.S. 1, 2, or 3; or
- (b) Contain more than 14.0 percent moisture, live weevils, or other live insects, metal fragments, broken glass, or a commercially objectionable odor; or
- (c) Are materially weathered, heating, or distinctly low quality.

1/ Defective lentils total is weevil-damaged, heat-damaged, damaged, and split lentils combined. 2/

Foreign material total includes stones. 3/

Lentils with more than 4.0 percent contrasting lentils shall grade no higher than a U.S. NO.