

U.S. standards for soybean grades and grade requirements.

Grading Factors	Grades U.S. Nos.			
	1	2	3	4
Minimum pound limits				
Test weight (lb/bu)	56.0	54.0	52.0	49.0
Maximum percent limits				
Damaged kernels				
Heat (part of total)	0.2	0.5	1.0	3.0
Total	2.0	3.0	5.0	8.0
Foreign material	1.0	2.0	3.0	5.0
Splits	10.0	20.0	30.0	40.0
Soybeans of other colors ¹	1.0	2.0	5.0	10.0
Maximum count limits				
Other materials				
Animal filth	9	9	9	9
Castor beans	1	1	1	1
Crotalaria seeds	2	2	2	2
Glass	0	0	0	0
Stones ²	3	3	3	3
Unknown foreign substance	3	3	3	3
Total ³	10	10	10	10

U.S. sample grade are soybeans that:

- (a) Do not meet the requirements for U.S. Nos. 1, 2, 3 or 4; or
- (b) Have a musty, sour or commercially objectionable foreign odor (except garlic odor); or
- (c) Are heating or otherwise of distinctly low quality

¹ Disregard for mixed soybeans.

² In addition to the maximum count limit, stones must not exceed 0.1 percent of the sample weight.

³ Includes any combination of animal filth, castor beans, crotalaria seeds, glass, stones and unknown foreign substances. The weight of stones is not applicable for total other material.