

Grades and Grade Requirements for Wheat

Grade	Test Weight per Bushel	Heat- damaged Kernels %	Maximum limits of				Wheat of Other Classes ^{3/}	
			Damaged Kernels (Total) %	Foreign Material %	Shrunken and Broken Kernels %	Defects (Total) ^{2/} %	Contrasting Classes %	(Total) ^{4/} %
U.S. No. 1	60.0	0.2	2.0	0.4	3.0	3.0	1.0	3.0
U.S. No. 2	58.0	0.2	4.0	0.7	5.0	5.0	2.0	5.0
U.S. No. 3	56.0	0.5	7.0	1.3	8.0	8.0	3.0	10.0
U.S. No. 4	54.0	1.0	10.0	3.0	12.0	12.0	10.0	10.0
U.S. No. 5	51.0	3.0	15.0	5.0	20.0	20.0	10.0	10.0

U.S. Sample Grade:

U.S. Sample Grade shall be wheat which:

- a) Does not meet the requirements for the grades U.S. Nos. 1, 2, 3, 4, or 5; or
- b) Contains four or more Stones are present in a sample of 1-1/4 quarts (1,000 gm.) **or** the total weight of the Stones exceeds 0.1 percent, 1 or more pieces of Glass, 3 or more Crotalaria seeds (*Crotalaria* spp.), 2 or more Castor Beans (*Ricinus communis*), 4 or more particles of an Unknown Foreign Substance(s) or a Commonly Recognized Harmful or Toxic Substance(s), or 2 or more rodent pellets, bird droppings, an equivalent quantity of other Animal Filth per 1,000 grams of wheat; or
- c) a Cumulative Total of 5 or more of these items; or
- d) Has a Musty, Sour, or Commercially Objectionable Foreign Odor (except smut or garlic odor); or
- e) Is Heating or otherwise of Distinctly Low Quality, or
- f) Contains 32 or more Insect Damaged Kernels per 100 grams of wheat.

1/ Includes Heat-damaged Kernels.

2/ Defects (Total) include Damaged Kernels (Total), Foreign Material, and Shrunken and Broken Kernels. The sum of these three factors may not exceed the limit for defects.

3/ Unclassed wheat of any grade may contain no more than 10 percent of wheat of other classes.

4/ Includes Contrasting Classes.