

## 10.2 GRADES AND GRADE REQUIREMENTS

Soybeans are divided into two classes based on color: Yellow soybeans and Mixed soybeans. There are no subclasses. Each class is divided into four numerical grades and U.S. Sample Grade. Special grades are provided to emphasize special qualities or conditions affecting the value and are added to and made a part of the grade designation. They do not affect the numerical or sample grade designation.

**TABLE NO. 1 - GRADES AND GRADE REQUIREMENTS**

SOYBEANS					
Grade	Maximum Limits of -				
	Damaged Kernels		Foreign Material (percent)	Splits (percent)	Soybeans of other colors <sup>1</sup> (percent)
	Heat (part of total) (percent)	Total (percent)			
<b>U.S. No. 1</b>	0.2	2.0	1.0	10.0	1.0
<b>U.S. No. 2</b>	0.5	3.0	2.0	20.0	2.0
<b>U.S. No. 3</b>	1.0	5.0	3.0	30.0	5.0
<b>U.S. No. 4</b>	3.0	8.0	5.0	40.0	10.0

**U.S. Sample Grade:**

U.S. Sample Grade is soybeans that:

- Do not meet the requirements for grades U.S. No.1, 2, 3, or 4; or
- Contains 4 or more stones which have an aggregate weight in excess of 0.1 percent of the sample weight, 1 or more pieces of glass, 3 or more crotalaria seeds (*Crotalaria* spp.), 2 or more castor beans (*Ricinus communis* L.), 4 or more particles of an unknown foreign substance(s) or a commonly recognized harmful or toxic substance(s), 10 or more rodent pellets, bird droppings, or an equivalent quantity of other animal filth in 1,000 grams of soybeans, or
- Contain 11 or more animal filth, castor beans, crotalaria seeds, glass, stones, or unknown foreign substance(s) in any combination, or
- Have a musty, sour, or commercially objectionable foreign odor (except garlic odor); or
- Are heating or otherwise of distinctly low quality.

<sup>1</sup> Disregard for Mixed Soybeans

