

Grade	Min-imum test weight per bushel (pounds)	Maximum limits of damaged kernels—	
		Heat damaged kernels (per-cent)	Total (per-cent)
U.S. Sample grade—			
U.S. Sample grade is flaxseed that:			
(a) Does not meet the requirements for the grades U.S. Nos. 1 or 2; or			
(b) Contains 8 or more stones which have an aggregate weight in excess of 0.2 percent of the sample weight, 2 or more pieces of glass, 3 or more crotalaria seeds (<i>Crotalaria</i> spp.), 2 or more castor beans (<i>Ricinus communis</i> 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 dropping, or equivalent quantity of other animal filth per 1½ to 1¼ quarts of flaxseed; or			
(c) Has musty, sour, or commercially objectionable foreign odor (except smut or garlic odor), or			
(d) Is heating or otherwise of distinctly low quality.			

Subpart F—United States Standards for Mixed Grain

TERMS DEFINED

§ 810.801 Definition of mixed grain.

Any mixture of grains for which standards have been established under the United States Grain Standards Act, provided that such mixture does not come within the requirements of any of the standards for such grains; and that such mixture consists of 50 percent or more of whole kernels of grain and/or whole or broken soybeans which will not pass through a 5/64 triangular-hole sieve and/or whole flaxseed that passes through such a sieve after sieving according to procedures prescribed in FGIS instructions.

§ 810.802 Definition of other terms.

(a) *Damaged kernels.* Kernels and pieces of grain kernels for which standards have been established under the Act, that are badly ground-damaged, badly weather-damaged, diseased, frost-damaged, germ-damaged, heat-damaged, insect-bored, mold-damaged, sprout-damaged, or otherwise materially damaged.

(b) *Foreign material and fines.* All matter other than whole flaxseed that passes through a 5/64 triangular-hole sieve, and all matter other than grains for which standards have been estab-

lished under the Act, that remains in the sieved sample.

(c) *Grades.* U.S. Mixed Grain, or U.S. Sample grade Mixed Grain, and special grades.

(d) *Heat-damaged kernels.* Kernels and pieces of grain kernels for which standards have been established under the Act, that are materially discolored and damaged by heat.

(e) *Sieve—5/64 triangular-hole sieve.* A metal sieve 0.032 inch thick with equilateral triangular perforations the inscribed circles of which are 0.0781 (5/64) inch in diameter.

PRINCIPLES GOVERNING THE APPLICATION OF STANDARDS

§ 810.803 Basis of determination.

Each determination of damaged and heat-damaged kernels, and the percentage of each kind of grain in the mixture is made on the basis of the sample after removal of foreign material and fines. Other determinations not specifically provided for under the general provisions are made on the basis of the grain as a whole, except the determination of odor is made on either the basis of the grain as a whole or the grain when free from foreign material and fines.

GRADES AND GRADE REQUIREMENTS

§ 810.804 Grades and grade requirements for mixed grain.

(a) *U.S. Mixed Grain (grade).* Mixed grain with not more than 15.0 percent of damaged kernels, and not more than 3.0 percent of heat-damaged kernels, and that otherwise does not meet the requirements for the grade U.S. Sample grade Mixed Grain.

(b) *U.S. Sample grade Mixed Grain.* Mixed grain that:

(1) Does not meet the requirements for the grade U.S. Mixed Grain; or

(2) Contains more than 16.0 percent moisture; or

(3) Contains 8 or more stones that have an aggregate weight in excess of 0.2 percent of the sample weight, 2 or more pieces of glass, 3 or more Crotalaria seeds (*Crotalaria* spp.), 2 or more castor beans (*Ricinus communis* L.), 8 more cockleburs (*Xanthium* spp.) or similar seeds singly or in combination, 4 or more pieces of an unknown