

**§ 810.303**

than canola where the fungal organism has replaced the seed.

(f) *Heat-damaged kernels.* Canola and pieces of canola which, after being crushed, exhibit that they are discolored and damaged by heat.

(g) *Inconspicuous admixture.* Any seed which is difficult to distinguish from canola. This includes, but is not limited to, common wild mustard (*Brassica kaber* and *B. juncea*), domestic brown mustard (*Brassica juncea*), yellow mustard (*B. hirta*), and seed other than the mustard group.

(h) *Sclerotia (Sclerotium, sing.).* Dark colored or black resting bodies of the fungi *Sclerotinia* and *Claviceps*.

(i) *Sclerotinia.* Genus name which includes the fungus *Sclerotinia sclerotiorum* which produces sclerotia. Canola is only infrequently infected, and the sclerotia, unlike sclerotia of ergot, are usually associated within the stem of the plants.

PRINCIPLES GOVERNING THE APPLICATION OF STANDARDS

**§ 810.303 Basis of determination.**

Each determination of conspicuous admixture, ergot, sclerotinia, stones, damaged kernels, heat-damaged kernels, distinctly green kernels, and inconspicuous admixture is made on the basis of the sample when free from dockage. Other determinations not specifically provided for under the general provisions are made on the basis of the sample as a whole, except the determination of odor is made on either the basis of the sample as a whole or the sample when free from dockage. The content of glucosinolates and erucic acid is determined on the basis of the sample according to procedures prescribed in FGIS instructions.

GRADES AND GRADE REQUIREMENTS

**§ 810.304 Grades and grade requirements for canola.**

Grading factors	Grades, U.S. Nos.		
	1	2	3
Maximum percent limits of:			
Damaged kernels:			
Heat damaged .....	0.1	0.5	2.0
Distinctly green .....	2.0	6.0	20.0
Total .....	3.0	10.0	20.0
Conspicuous admixture:			

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Grading factors	Grades, U.S. Nos.		
	1	2	3
Ergot .....	0.05	0.05	0.05
Sclerotinia .....	0.05	0.10	0.15
Stones .....	0.05	0.05	0.05
Total .....	1.0	1.5	2.0
Inconspicuous admixture .....	5.0	5.0	5.0
Maximum count limits of:			
Other material:			
Animal filth .....	3	3	3
Glass .....	0	0	0
Unknown foreign substance	1	1	1
U.S. Sample grade Canola that:			
(a) Does not meet the requirements for U.S. Nos. 1, 2, 3; or			
(b) Has a musty, sour, or commercially objectionable foreign odor; or			
(c) Is heating or otherwise of distinctly low quality.			

SPECIAL GRADES AND SPECIAL GRADE REQUIREMENTS

**§ 810.305 Special grades and special grade requirements.**

*Garlicky canola.* Canola that contains more than two green garlic bulblets or an equivalent quantity of dry or partly dry bulblets in approximately a 500 gram portion.

NONGRADE REQUIREMENTS

**§ 810.306 Nongrade requirements.**

*Glucosinolates.* Content of glucosinolates in canola is determined according to procedures prescribed in FGIS instructions.

**Subpart D—United States Standards for Corn**

TERMS DEFINED

**§ 810.401 Definition of corn.**

Grain that consists of 50 percent or more of whole kernels of shelled dent corn and/or shelled flint corn (*Zea mays* L.) and not more than 10.0 percent of other grains for which standards have been established under the United States Grain Standards Act.

**§ 810.402 Definition of other terms.**

(a) *Broken corn.* All matter that passes readily through a 12/64 round-hole sieve and over a 6/64 round-hole