

§ 810.204

7 CFR Ch. VIII (1–1–10 Edition)

GRADES AND GRADE REQUIREMENTS

§ 810.204 Grades and grade requirements for Six-rowed Malting barley and Six-rowed Blue Malting barley.

| Grade            | Minimum limits of—              |                                  |                                     | Maximum limits of—                     |                            |                        |                                      |                       |
|------------------|---------------------------------|----------------------------------|-------------------------------------|--|----------------------------|------------------------|--------------------------------------|-----------------------|
|                  | Test weight per bushel (pounds) | Suitable malting types (percent) | Sound barley <sup>1</sup> (percent) | Damaged kernels <sup>1</sup> (percent) | Foreign material (percent) | Other grains (percent) | Skinned and broken kernels (percent) | Thin barley (percent) |
| U.S. No. 1 ..... | 47.0                            | 95.0                             | 97.0                                | 2.0                                    | 0.5                        | 2.0                    | 4.0                                  | 7.0                   |
| U.S. No. 2 ..... | 45.0                            | 95.0                             | 94.0                                | 3.0                                    | 1.0                        | 3.0                    | 6.0                                  | 10.0                  |
| U.S. No. 3 ..... | 43.0                            | 95.0                             | 90.0                                | 4.0                                    | 2.0                        | 5.0                    | 8.0                                  | 15.0                  |
| U.S. No. 4 ..... | 43.0                            | 95.0                             | 87.0                                | 5.0                                    | 3.0                        | 5.0                    | 10.0                                 | 15.0                  |

<sup>1</sup> Injured-by-frost kernels and injured-by-mold kernels are not considered damaged kernels or considered against sound barley. NOTES: Malting barley shall not be infested in accordance with § 810.107(b) and shall not contain any special grades as defined in § 810.206. Six-rowed Malting barley and Six-rowed Blue Malting barley varieties not meeting the requirements of this section shall be graded in accordance with standards established for the class Barley.

[61 FR 18492, Apr. 26, 1996]

§ 810.205 Grades and grade requirements for Two-rowed Malting barley.

| Grade            | Minimum limits of—              |                                  |                                     | Maximum limits of—  |                            |                                      |                       |
|------------------|---------------------------------|----------------------------------|-------------------------------------|---------------------|----------------------------|--------------------------------------|-----------------------|
|                  | Test weight per bushel (pounds) | Suitable malting types (percent) | Sound barley <sup>1</sup> (percent) | Wild oats (percent) | Foreign material (percent) | Skinned and broken kernels (percent) | Thin barley (percent) |
| U.S. No. 1 ..... | 50.0                            | 97.0                             | 98.0                                | 1.0                 | 0.5                        | 5.0                                  | 5.0                   |
| U.S. No. 2 ..... | 48.0                            | 97.0                             | 98.0                                | 1.0                 | 1.0                        | 7.0                                  | 7.0                   |
| U.S. No. 3 ..... | 48.0                            | 95.0                             | 96.0                                | 2.0                 | 2.0                        | 10.0                                 | 10.0                  |
| U.S. No. 4 ..... | 48.0                            | 95.0                             | 93.0                                | 3.0                 | 3.0                        | 10.0                                 | 10.0                  |

<sup>1</sup> Injured-by-frost kernels and injured-by-mold kernels are not considered damaged kernels or considered against sound barley.

NOTES: Malting barley shall not be infested in accordance with § 810.107(b) and shall not contain any special grades as defined in § 810.206. Two-rowed Malting barley varieties not meeting the requirements of this section shall be graded in accordance with standards established for the class Barley.

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§ 810.206 Grades and grade requirements for barley.

| Grade            | Minimum limits of—              |                        |  | Maximum Limits of—             |                            |                          |                       |
|------------------|---------------------------------|------------------------|--|--------------------------------|----------------------------|--------------------------|-----------------------|
|                  | Test weight per bushel (pounds) | Sound barley (percent) | Damaged kernels <sup>1</sup> (percent) | Heat damaged kernels (percent) | Foreign material (percent) | Broken kernels (percent) | Thin barley (percent) |
| U.S. No. 1 ..... | 47.0                            | 97.0                   | 2.0                                    | 0.2                            | 1.0                        | 4.0                      | 10.0                  |
| U.S. No. 2 ..... | 45.0                            | 94.0                   | 4.0                                    | 0.3                            | 2.0                        | 8.0                      | 15.0                  |
| U.S. No. 3 ..... | 43.0                            | 90.0                   | 6.0                                    | 0.5                            | 3.0                        | 12.0                     | 25.0                  |
| U.S. No. 4 ..... | 40.0                            | 85.0                   | 8.0                                    | 1.0                            | 4.0                        | 18.0                     | 35.0                  |
| U.S. No. 5 ..... | 36.0                            | 75.0                   | 10.0                                   | 3.0                            | 5.0                        | 28.0                     | 75.0                  |

U.S. Sample Grade:  
 U.S. Sample grade shall be barley that:  
 (a) Does not meet the requirements for the grades 1, 2, 3, 4, or 5; or  
 (b) Contains 8 or more stones or any number of 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 (*Crotalaria* spp.), 2 or more castor beans (*Ricinus communis* L.), 4 or more particles of unknown foreign substance(s) or commonly recognized harmful or toxic substance(s), 8 or more cocklebur (*Xanthium* spp.) or similar seeds singly or in combination, 10 or more rodent pellets, bird droppings, or equivalent quantity of other animal filth per 1½ to 1¼ quarts of barley; or  
 (c) Has a musty, sour, or commercially objectionable foreign odor (except smut or garlic odor); or  
 (d) Is heating or otherwise of distinctly low quality.  
<sup>1</sup> Includes heat-damaged kernels. Injured-by-frost kernels and injured-by-mold kernels are not considered damaged kernels.

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