

Objective Description of Wheat Variety for Certification

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|---|---|---|---|---|
| Variety Name or Experimental Designation | 7442009 | | | |
| Kind | Common <input checked="" type="checkbox"/> | Durum <input type="checkbox"/> | Club <input type="checkbox"/> | Other <input type="checkbox"/> |
| Market Class | Hard Red Winter <input checked="" type="checkbox"/> | Hard Red Spring <input type="checkbox"/> | Hard White <input type="checkbox"/> | Soft Red Winter <input type="checkbox"/> Other <input type="checkbox"/> Hard Red <input type="checkbox"/> |
| Seasonal Growth habit | Spring <input type="checkbox"/> | Winter <input checked="" type="checkbox"/> | Maturity | Early <input checked="" type="checkbox"/> Mid-Season <input type="checkbox"/> Late <input type="checkbox"/> |
| Plant height (inches) | 34 Dwarfing genes or phenotype (if known) | | | |
| Stem Internodes | Hollow <input checked="" type="checkbox"/> | Semi-Solid <input type="checkbox"/> | Solid <input type="checkbox"/> | |
| Spike Shape | Tapering <input checked="" type="checkbox"/> | Clavate <input type="checkbox"/> | Elliptical <input type="checkbox"/> | Oblong <input type="checkbox"/> |
| Spike Density | Lax <input checked="" type="checkbox"/> | Mid Dense <input type="checkbox"/> | Dense <input type="checkbox"/> | |
| Spike Curvature | Erect <input type="checkbox"/> | Inclined <input type="checkbox"/> | Nodding <input checked="" type="checkbox"/> | |
| Awn Type | Awnless <input type="checkbox"/> | Apically Awnletted <input type="checkbox"/> | Awnletted <input type="checkbox"/> | Awned <input checked="" type="checkbox"/> |
| Awn Color | White <input checked="" type="checkbox"/> | Black <input type="checkbox"/> | Brown <input type="checkbox"/> | Tan <input type="checkbox"/> |
| Glume Color | Tan <input checked="" type="checkbox"/> | White/Amber <input checked="" type="checkbox"/> | Other <input type="checkbox"/> | |
| Glume Length | Short <input type="checkbox"/> | Medium <input checked="" type="checkbox"/> | Long <input type="checkbox"/> | |
| Shoulder Shape | Wanting <input type="checkbox"/> | Oblique <input checked="" type="checkbox"/> | Rounded <input type="checkbox"/> | |
| | Elevated <input type="checkbox"/> | Apiculate <input type="checkbox"/> | Square <input type="checkbox"/> | |
| Shoulder Width | Narrow <input type="checkbox"/> | Medium <input checked="" type="checkbox"/> | Wide <input type="checkbox"/> | |
| Beak Shape | Acuminate <input checked="" type="checkbox"/> | Obtuse <input type="checkbox"/> | Acute <input type="checkbox"/> | |
| Beak Length | Short <input type="checkbox"/> | Medium <input type="checkbox"/> | Long <input checked="" type="checkbox"/> | Very Long <input type="checkbox"/> |
| Pubescence | Present <input type="checkbox"/> | Absent <input checked="" type="checkbox"/> | | |
| Seed Color | White <input checked="" type="checkbox"/> | Amber <input type="checkbox"/> | Red <input type="checkbox"/> | Other <input type="checkbox"/> |
| Seed Shape | Ovate <input checked="" type="checkbox"/> | Oval <input type="checkbox"/> | Elliptical <input type="checkbox"/> | |
| Seed Cheek | Rounded <input checked="" type="checkbox"/> | Angular <input type="checkbox"/> | | |
| Seed Brush | Short <input checked="" type="checkbox"/> | Medium <input type="checkbox"/> | Long <input type="checkbox"/> | |

Please describe any other traits that need be known to identify the variety, including field and/or seed variants.

7442009

Hard Red Winter Wheat

7442009 is a common Hard Red Winter wheat adapted to the Central Plains region of the United States. 7442009 was developed by WestBred, from the cross 'KS98W0508-1--4//HV9W99-558/KS99011-1--21'.

7442009 is a semi-tall hard red winter wheat. The head is tapering, lax, and recurved at maturity. The glume shoulders are oblique with an acuminate beak. The seed is hard, red, and ovate with rounded cheeks. The brush is short with no collar.

A variant similar to 7442009 but is 10-15 cm taller occurs at a frequency of .2% (20 plants per 10,000). A white seed variant may occur at a frequency of up to .25% (25 seeds per 10,000). An awnless variant may occur at a frequency of .1% (10 plants per 10,000). A bronze chaff variant may occur at a frequency of .1% (10/10,000). Otherwise, this variety has been uniform and stable in appearance and performance across several generations and environments.