Wheat Variety Descriptions and Comments for Varieties Planted in the Panhandle and Upper South Plains Variety Trials

2010-2011

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Trial Locations Near:
- Bushland
- Etter
- Canadian
- Perryton
- Hereford
- Groom
- Silverton
- Dimmitt
- Clovis
- Floydada
Wheat Variety Descriptions

**AP08T5913**
AgriPro Experimental

**AP08T6224**
AgriPro Experimental

**AP08TA6927**
AgriPro Experimental

**APH09T1122**
AgriPro Experimental

**AP503 CL2**
Maturity: Medium
Height: Medium

**ARMOUR**
Maturity: Early
Height: Short

**BILL BROWN**
Maturity: Medium
Height: Medium

**BILLINGS (OK03522)**
Maturity: Early
Height: Medium tall
**BULLET**
Oklahoma State release in 2005. Inconsistent yield in the Panhandle. Susceptible to leaf and stripe rust. Soil-borne mosaic resistant. Medium-long coleoptile. Sensitive to high temperatures at planting (seed less than one year old). Excellent milling and baking qualities with a high test weight. Pedigree is Jagger and a KS experimental line.
Maturity: Medium-early
Height: Medium tall

**CEDAR (HV9W96-1383R)**
Westbred variety. First year in trial.

**DOANS**
AgriPro release in 2007. Average to below average yield in dryland and irrigated trials in the Panhandle. Good leaf and stripe rust resistance, but susceptible to powdery mildew. Also resistant to soil-borne mosaic virus. Can be planted deeper due to long coleoptile. Good quality and test weight. Pedigree: Coronado, Jagger, 2137, Karl 92, and experimentals.
Maturity: Medium
Height: Medium-tall

**DUMAS**
Maturity: Medium-early
Height: Medium

**DUSTER**
Maturity: Medium
Height: Medium-tall

**ENDURANCE**
Pedigree: 2180, Siouxland, TAM 105, Experimental.
Maturity: Medium-late
Height: Medium
FANNIN
AgriPro release in 2005. High test weight. Excellent grazing potential in the fall. Good yield potential in South Texas, the Blacklands and Rolling Plains but yield has been below average in the Panhandle. Excellent leaf and stripe rust resistance. Also resistant to powdery mildew.
Maturity: Medium-early
Height: Medium-tall

FULLER
Maturity: Early
Height: Medium-tall

Garrison (OK05212)
Oklahoma State release in 2011. Second year in trial. Above average yield in dryland and irrigated trials in 2010. Stripe rust resistant but susceptible to leaf rust.

GREER
Maturity: Early
Height: Medium

HATCHER
Colorado State release in 2005. One of the most consistent high yielding wheat in our dryland trials the last five years. Above average yields in irrigated trials. Susceptible to leaf rust and intermediate resistance to stripe rust. Very good drought tolerance, but not necessarily good heat tolerance. Straw strength is questionable. Pedigree: Yumar, Vista, KS experimental.
Maturity: Medium short
Height: Medium

JACKPOT
Maturity: Early
Height: medium-tall

JAGALENE
Maturity: Medium-early
Height: Medium
**JAGGER**
Maturity: Early
Height: Medium

**MACE**
Nebraska release in 2007. Second year in our trials. Average yield in 2010 trial. Wheat streak mosaic virus resistant. Susceptible to leaf rust but moderately resistant to stripe rust.
Pedigree: Yuma, Arlin, Lancota, Siouxland, KSU experimental.
Maturity: Medium late
Height: Medium

**OK07209**
Oklahoma State Experimental

**OK07214**
Oklahoma State Experimental

**PETE**
Maturity: Medium early
Height: Medium

**SANTA FE**
Released in 2003 by Westbred. Slightly later than Jagger in maturity but earlier than Jagalene. Average yield in dryland and irrigated trials. Recommendation is to use on full or limited irrigation. Medium-long coleoptile. Soil-borne mosaic virus tolerant. Susceptible to leaf rust and intermediate stripe rust resistance. Pedigree: Jagger, G1878.
Maturity: Medium early
Height: Medium short

**SHOCKER**
Westbred release in 2006. Yields have been average to below average. Touted as having good fall forage production. Long coleoptile. Resistant to soil-borne mosaic. Intermediate leaf rust resistance but susceptible to stripe rust. Pedigree: Jagger, Tomahawk, Freedom (soft).
Maturity: Early
Height: Medium

**TAM W 101**
Texas AgriLife release in 1971. Used in our trials primarily as a historical check. Not recommended in the region.
TAM 111
Height: Medium-tall

TAM 112
Height: Medium

TAM 203
Texas AgriLife release in 2007. Marketed by AgriPro. Early to hollow stem with low vernalization requirement (can be planted very late). Soil-borne mosaic virus resistance. Resistant to leaf rust and has intermediate resistance to stripe rust. Slightly above average yield in the Panhandle irrigated trials. Although test weight has generally been below average, protein content has been above average under a wide range of conditions. Pedigree: Nothing familiar. Maturity: Medium-early
Height: Medium

TAM 304
Height: Short

TAM 401
Texas AgriLife release in 2008. Best described as a beardless version of Jagger with good leaf and intermediate stripe rust resistance. Fall forage yield has been very good. All beardless varieties had disappointing grain yield in 2010. Pedigree: Jagger, Mason Maturity: Early
Height: Medium

TAM 113 (TX02A0252)
Texas AgriLife release 2010. Third year in trials. Yields have generally been similar to TAM 111, although only average in 2010 irrigated trial. Excellent bread-making quality. Very good leaf and stripe rust resistance. Pedigree: TAM 105, TAM 200, TAM 202 and Texas experimentals. Maturity: Medium
Height: Medium-tall
**TX06A001263**
AgriLife Experimental. Second year in trial. Above average yields in 2010 irrigated and dryland trials.

**TX06A001281**
AgriLife Experimental. First year in trial.

**T136**
Trio Seed Research release in 2005. Third year in our trials. Average to below average yield in irrigated and dryland trials in 2009 and 2010. Soil-borne mosaic virus resistant. It is susceptible to both leaf and stripe rust. May have some Wheat streak mosaic virus tolerance. Good drought tolerance. Coleoptile length is medium short. Pedigree: Jagger and T811 (selection from T81).
Maturity: Early
Height: Medium short

**T197**
Trio Research release. Second year in our trials. Average yield in 2010. Susceptible to both leaf and stripe rust.
Maturity: Medium
Height: Medium tall

**WINTERHAWK**
Maturity: Medium
Height: Medium tall
## Texas 2011 Hard Wheat Characteristics

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<th>Powdery Mildew</th>
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1S - Susceptible, MS - Moderately Susceptible, MR - Moderately Resistant, and R - Resistant. All ratings are subject to change as re-evaluation occurs.

2All data to the right of Leaf Rust for hard wheat comes from the Texas High Plains by Jackie Rudd and Brent Bean.