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

2009-2010

Brent Bean, Panhandle Extension Agronomist, Jackie Rudd, AgriLife Research Wheat Breeder, Rob Duncan, Texas AgriLife Extension Wheat Specialist

Trial Locations Near:
- Bushland
- Etter
- Canadian
- Perryton
- Hereford
- Groom
- Silverton
- Tulia
- Clovis
- Floydata
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JAGALENE
Maturity: Medium-early
Height: Medium

FANNIN
AgriPro release in 2005. High test weight. Excellent grazing potential in the fall. Good foliar disease package, including resistance to leaf rust, stripe rust and powdery mildew. Good yield potential in South Texas, the Blacklands and Rolling Plains but yield has been below average in the Panhandle.
Maturity: Medium-early
Height: Medium-tall

DOANS
AgriPro release in 2007. 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

ART
Maturity: Early
Height: Medium
**Jackpot**
Maturity: Early
Height: medium-tall

**Greer (AP06T3832)**
AgriPro new release. Third year in our trial. Yield has been average in Panhandle trials. Intermediate leaf and stripe rust resistance.

**CJ**
AgriPro new release. First year in trial. Developed for planting into high residue. Susceptible to stripe rust.
Maturity: Very early
Height: Medium

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

**SY Gold (AP00x0100-51)**
AgriPro experimental. First year in trial.

**AP06T3621**
AgriPro experimental. First year in trial.

**JAGGER**
Maturity: Early
Height: Medium

**FULLER**
Maturity: Early
Height: Medium-tall
**ENDURANCE**
Pedigree: 2180, Siouxland, TAM 105, Experimental.
Maturity: Medium-late
Height: Medium

**BULLET**
Oklahoma release in 2005. Inconsistent, but generally average to slightly above average yield in dryland and irrigated trials. 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

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

**BILLINGS (OK03522)**
Maturity: Early
Height: Medium tall

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

**OK05526**

**OK05511**
Oklahoma experimental.
OK05212
Oklahoma experimental.

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

SHOCKER

ARMOUR

TAM W 101
Texas AgriLife release in 1971. Used in our trials primarily as a historical check.

TAM 111

TAM 112
Texas AgriLife release in 2005. Marketed by Watley Seed. Very consistent high yielding variety under dryland or limited irrigated conditions. Greenbug resistant. Some tolerance to wheat streak mosaic. Susceptible to leaf and stripe rust. Excellent dryland or limited irrigated wheat yield potential. Straw strength could be questionable under full irrigation. Unlikely to shatter. Pedigree: TAM 110 sibling, TAM 200, Experimentals. Maturity: Early 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 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 been generally below average, baking quality has been good under a wide range of conditions. Pedigree: Nothing familiar.
Maturity: Medium-early
Height: Medium

TAM 304
Maturity: Medium-early
Height: Short

TAM 401
Texas AgriLife release in 2008. Best described as a beardless version of Jagger with good leaf and stripe rust resistance. Fall forage yield has been very good. Good grain yield for a beardless wheat.
Maturity: Early
Height: Medium

TX02A0252

TX05A001822
AgriLife Experimental. First year in trial.

TX06A001263
AgriLife Experimental. First year in trial.

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

**Bill Brown**
Maturity: Medium
Height: Medium

**HATCHER**
Colorado release in 2005. One of the best varieties in the 2008 and 2009 dryland and irrigated trials. One of the most consistent high yielding wheat in our dryland trials the last four years. 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

**Mace**
Maturity: Medium late
Height: Medium

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

**T197**
Trio Research Release. First year in our trials.

**WINTERHAWK**
Westbred release in 2007. First year in our trials. Large seed size. Resistant to stripe rust but susceptible to stripe and stem rust. Adapted to Western Kansas. Pedigree: Experimental.
Maturity: Medium
Height: Medium tall