

**2002-2003 DESCRIPTION OF WHEAT VARIETIES IN UNIFORM
REGIONAL AND COUNTY TRIALS**

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2137

Released in 1996 from Kansas. Has been a consistent yield performer since its release. Yields well under a variety of conditions. Because of its late maturity it may not yield well if spring moisture is lacking. May have some tolerance to barley yellow dwarf and wheat streak mosaic. Tolerant to soil-borne mosaic. Very susceptible to stripe rust. Okay in our forage trials in the spring but slow in the fall. Does have the potential to shatter.

Maturity: Medium-late

Height: Medium-tall

2145

Released in 2001 from Kansas. In 2002 it yielded well under full irrigation but only average under dryland or limited irrigation in the Texas Panhandle. Resistant to leaf rust. Moderate resistant to stripe rust. Susceptible to wheat streak mosaic. May have some tolerance to barley yellow dwarf. Resistant to soil-borne mosaic. Susceptible to scab -- do not plant behind corn. Can shatter. Background: Abilene.

Maturity: Medium

Height: Medium

2174

Released in 1997 from Oklahoma. Excellent grazing potential. Excellent straw strength. Average to slightly above average yield in dryland trials since 1999. Medium-long coleoptile. Resistant to soil-borne mosaic. Some head scab tolerance.

Maturity: Medium, daylength sensitive

Height: Medium

ABOVE

Joint Colorado/Texas release in 2001. TAM 110 background. Clearfield wheat - tolerant to Beyond herbicide. Use where winter grass species are a problem. See TAM 110 description.

AP502 CL

Joint Colorado/Texas release in 2001. Licensed to AgriPro. TAM 110 background. Clearfield wheat - tolerant to Beyond herbicide. Use where winter grass species are a problem. See TAM 110 description.

CISCO

Goertzen Seed out of Colorado. First year in our trials.

CORONADO

AgriPro wheat released in 1994. Good dual purpose wheat. Very good straw strength. Soil borne mosaic tolerant. Susceptible to wheat streak mosaic. Short coleoptile, do not plant too deep.

Maturity: Medium-early

Height: Short

CUSTER

Oklahoma release in 1993. Similar pedigree to Tonkowa. Used a lot as a dual-purpose wheat. Likely to be replaced by OK 101. Susceptible to wheat streak mosaic and most other diseases. Has been a consistently high yielding wheat in the Panhandle under irrigation. Excellent straw strength. Pedigree: TAM 105 and Chisholm.

Maturity: Medium-early

Height: Medium

CUTTER

2001 AgriPro release. Background is Abilene and Ogallala. Excellent yield in dryland and irrigated trials in 2001 and 2002. Resistant to leaf rust, stripe rust, and soil borne mosaic. Some wheat streak mosaic tolerance. Good height for dryland.

Maturity: Medium

Height: Medium-tall

DUMAS

2001 AgriPro release. Good yields observed under both dryland and irrigated. Yield potential is especially high under full irrigation. Excellent straw strength. Some leaf rust resistance.

Maturity: Medium-early

Height: Medium

INTRADA

Oklahoma release. Hard white winter wheat. Very little Texas Panhandle data. Good yield potential under dryland. Excellent grazing potential. Poor straw strength. Soil-borne mosaic resistant.

Maturity: Medium

Height: Medium

JAGALENE

2002 AgriPro release. One of the top yield performers in 2002 in both dryland and irrigated trials. Being promoted as having good disease resistance, very good grazing potential, and very good straw strength. Shattering may be a consideration. Does not joint as early as Jagger.

Pedigree: Jagger and Abilene.

Maturity: Medium-early

Height: Medium-tall

JAGGER

Kansas release. Excellent yield potential under irrigation. Yielded very well in dryland and irrigated trials in 1999, 2000, and 2001. In 2002 hurt by late freeze. Good milling and baking qualities. Can be planted deep. Has modest tolerance to barley yellow dwarf, wheat streak mosaic. Soil-borne mosaic resistant. Susceptible to leaf rust but very good tolerance to stripe rust.

Maturity: Early

Height: Medium

KALVESTA

Goertzen Seed release in 1999. Average yield in 2002 dryland and irrigated trials. Medium-short coleoptile. Good winterhardiness. Susceptible to wheat streak mosaic and leaf rust.

Maturity: Medium-late

Height: Medium

LOCKETT

Texas release in 1998 as a grazing wheat. Beardless. Very broad leaf. Will lodge if grown under full irrigation. Yield potential is okay under dryland, but should primarily be used as a graze-out wheat.

Maturity: Late

Height: Medium-tall

LONGHORN

AgriPro Release. Beardless wheat primarily adapted for dryland production or grazing. Can be planted deep. Good dual purpose wheat for dryland or limited irrigation. Some tolerance to wheat streak mosaic and leaf rust.

Maturity: Medium-late

Height: Medium-tall

OGALLALA

ApriPro Release. Excellent yield potential. Good straw strength. Intermediate tolerance to wheat streak and leaf rust. Can break dormancy early. Prone to shattering. Use for irrigated or dryland. Consistent performer. Pedigree: TAM 200 and Abilene.

Maturity: Medium

Height: Medium-short

OK101

Oklahoma release in 2001. Average yield in 2002 dryland and irrigated trials. Should be excellent dual purpose wheat based on Oklahoma data. Soil-borne mosaic resistant. Intermediate wheat streak mosaic resistance. Very good straw strength. Pedigree: Pioneer genetics.

Maturity: Medium-early, but holds dormancy well in spring.

Height: Medium-short

OK102

Oklahoma release in 2002. Very little Texas Panhandle data. Medium-long coleoptile so should be able to plant deep. Leaf rust and soil-borne mosaic tolerant.

Maturity: Medium

Height: Short.

PRAIRIE RED

Colorado release in 1998. A TAM 107 Russian wheat aphid resistant variety. Similar yield to Tam 107.

Maturity: Early

Height: Medium

SCOUT 66

Old variety that still does reasonably well under dryland conditions, particularly on poor soil. Susceptible to most diseases. Okay graze out wheat for dryland. Most varieties will out yield Scout 66 under good growing conditions.

Maturity: Late

Height: Tall

STANTON

Kansas release in 2000. Essentially a TAM 107 with leaf rust and Russian wheat aphid tolerance. Has better baking qualities than TAM 107. Taller than TAM 107.

Maturity: Medium

Height: Medium-tall

TAM 105

Texas release in 1976. Historically good dryland and irrigated wheat variety for the Texas Panhandle. Prostrate growth habit. In University trials it has consistently performed well in dryland trials over the years. Susceptible to most diseases.

Maturity: Medium

Height: Medium

TAM 107

Texas release in 1984. Year in year out this is a good variety for both dryland and limited irrigated conditions. Good tolerance to wheat curl mite which transmits wheat streak mosaic. Long coleoptile allows it to be planted deep.

Maturity: Day light sensitive. Under the right conditions can be very early (planted early and warm winter)

Height: Medium

TAM 111

Texas release in 2002. Excellent dryland yield record for the High Plains. Leaf rust susceptible but stripe rust tolerant. Good height. Should replace TAM 105.

Maturity: Medium

Height: Medium-tall

TAM 110

Texas release in 1996. Essentially a greenbug E, I and K tolerant TAM 107.

Maturity: Early

Height: Medium

TAM 200

When the variety does not get injured from early freeze damage due to breaking dormancy early it is very hard to beat. Excellent dryland and irrigated yield potential. Susceptible to leaf rust and wheat streak mosaic. Very good test weight. Seed size small. Has a reputation as being hard to thresh.

Maturity: Medium

Height: Medium-short

TAM 202

Excellent yield potential but not as forgiving as some other varieties. Good dryland and irrigated wheat. Good early season forage producer. Shattering can be a potential problem. Will break dormancy early under warm temperatures. Medium tolerance to leaf rust. Straw strength better than TAM 200.

Maturity: Early

Height: Medium

TAM 302

Dallas released wheat in 1998. Good leaf rust tolerance. Good yield potential under irrigation. . Tends to have low test weight. Has shown moderate tolerance to wheat streak mosaic and barley yellow dwarf. Mod. Resistant to soil-borne mosaic. Poor forage potential.

Maturity: Med-late

Height: Medium

TAM 400

Released in 2001. Developed as a south Texas wheat. Average to above average yield under irrigation. Below average yield in dryland trials in 2002.

Maturity: Medium-early

Height: Medium-short

THUNDERBOLT

AgriPro Release in 1998. Pedigree: Abilene and TAM 107. Probably best suited for dryland or limited irrigation. Some tolerance to wheat streak mosaic. Excellent straw strength. Leaf rust resistance is good. Slow starter in fall.

Maturity: Medium

Height: Medium-tall

TREGO

Kansas release. Hard white winter wheat. Excellent yield in variety trials since 2000. Has moderate wheat streak mosaic resistance. Kansas reports as a good grazing wheat.

Maturity: Medium-late

Height: Medium-tall

Triumph 64

Similar yield potential as Scout but slightly earlier. Good winter hardiness. Will not break dormancy early. Use on dryland. Good on high pH soil.

Maturity: Medium-late

Height: Tall

TAM 110 CL

Texas A&M Release 2003. TAM 110 background. Clearfield wheat - tolerant to Beyond herbicide. Use where winter grass species are a problem. See TAM 110 description.

VENANGO

Released in 2000 by Goertzen Seed. Pedigree: Pioneer experimentals. Very little Texas Panhandle data.

Maturity: Medium-late

Height: Medium