2003-2004 DESCRIPTION OF WHEAT VARIETIES IN UNIFORM
REGIONAL AND COUNTY TRIALS)

Prepared by Brent Bean, Extension Agronomist and Jackie Rudd, TAES Wheat Breeder

2137
Released in 1996 from Kansas. Has been a consistent yield performer since its release. Yields consistently above average under a range of conditions. Because of its late maturity it may not yield as 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 and leaf rust. Susceptible to scab -- do not plant behind corn. 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. In 2003 only average yield. May have some tolerance to leaf rust. Moderate tolerance to stripe rust. Susceptible to wheat streak mosaic. Resistant to soil-borne mosaic. Susceptible to scab -- do not plant behind corn. Can shatter. Background: Abilene.
Maturity: Medium
Height: Medium

2174
Maturity: Medium, daylength sensitive
Height: Medium

ABOVE

AP502 CL

CISCO
Maturity: Medium
Height: Medium
CORONADO

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

DUMAS
2000 AgriPro release. Good yields observed under both dryland and irrigated. Yield potential is especially high under full irrigation. Appears to have good fall forage potential. Excellent straw strength. May have some leaf rust tolerance. Susceptible to stripe rust and wheat streak mosaic. High test weight. Maturity: Medium-early Height: Medium

INTRADA

JAGALENE
2002 AgriPro release. One of the top yield performers in 2002 and 2003 in both dryland and irrigated trials. Some tolerance to wheat streak mosaic. Leaf rust susceptible. Good stripe rust tolerance. 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
JAGGER
Maturity: Early
Height: Medium

KALVESTA
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. Leaf rust susceptible.
Maturity: Late
Height: Medium-tall

LONGHORN
AgriPro release in 1990. 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. Can shatter.
Maturity: Medium-late
Height: Medium-tall

OGALLALA
Maturity: Medium
Height: Medium-short

OK101
Maturity: Medium-early, but holds dormancy well in spring.
Height: Medium-short
OK102
Oklahoma release in 2002. Average yields in 2003 trials. Medium-long coleoptile so should be able to plant deep. Leaf rust and stripe rust susceptible. Soil-borne mosaic tolerance. Maturity: Medium
Height: Short.

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 tolerance. Supposed to have 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: Under the right conditions can be very early (planted early and warm winter) Height: Medium

TAM 111
Height: Medium-tall

TAM 110
Height: Medium
TAM 200
When the variety does not get injured from early freeze damage due to breaking dormancy early it is a consistent, high yielding wheat. 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. Straw strength better than TAM 200. 
Maturity: Early
Height: Medium

THUNDERBOLT
AgriPro Release in 1999. Probably best suited for dryland or limited irrigation. Some tolerance to wheat streak mosaic. Excellent straw strength. May have some tolerance to stripe rust but susceptible to leaf rust. Slow starter in fall. Coleoptile length is medium. Pedigree: Abilene and TAM 107. 
Maturity: Medium
Height: Medium-tall

TREGO
Maturity: Medium-late
Height: Medium-tall

TAM 110 CL

VENANAGO
Maturity: Medium-late
Height: Medium

OVERLEY
Maturity: Early
Height: Medium-tall

STURDY 2K
Maturity: Medium-late
**TX98V9628**
Expected release in 2004. Greenbug resistant. Expected to replace TAM 110 because of higher yield potential. Widely adapted with good milling and baking qualities.

**TX98D1170**
Expected release in 2004. Best adapted to the Blackland area of Texas. Resistant to leaf rust, powdery mildew and tolerant to stripe rust.

**TX01M5009**