2004-2005 DESCRIPTION OF WHEAT VARIETIES IN  
(UNIFORM REGIONAL AND COUNTY TRIALS)

Prepared by Brent Bean, Panhandle TCE Agronomist,  
Gaylon Morgan, State TCE Wheat Specialist,  
and Jackie Rudd, TAES Wheat Breeder

2145  
Maturity: Medium  
Height: Medium

2174  
Maturity: Medium, daylength sensitive  
Height: Medium

ABILENE AG EXP  
Awnless variety by Abilene Ag. Similar to the Weathermaster 135 in growth and forage yields. Fits well into dual-use or graze-out wheat systems. Decent foliar disease package.  
Maturity: Late  
Height: Medium

AGRIPRO 4342  
AgriPro Experimental. It is the result of a cross between Coronado and two experimental lines from Kansas. In AgriPro yield tests last year it ranked 15th at Perryton-Irrigated and 4th at Perryton-Dryland. It was the highest yielding entry in the test at Enid, Oklahoma and ranked second in Luling, Texas. Its performance over three locations in the Rolling Plains was excellent (better than Jagalene or Cutter). Besides its yield potential, its most redeeming quality is its disease resistance. It has not carried any leaf or stripe rust last year or this year. It also appears to be resistant to soil borne mosaic virus and is resistant to powdery mildew. AgriPro quality lab rates AP02T4342 as excellent.  

AP502 CL  

CISCO  
Maturity: Medium  
Height: Medium
CORONADO

CUTTER
2001 AgriPro release. Background is Jagger and Ogallala. Excellent yield in dryland and irrigated trials in our trials since 2001. Appears to have good grazing potential, but is sensitive to high soil temperatures and should not be planted too early. Tolerant to stripe rust and soil borne mosaic. Some wheat streak mosaic tolerance. Good height for dryland. Can lodge under high N and irrigation conditions. Can shatter. Coleoptile length medium long. Maturity: Medium, but early to first hollow stem Height: Medium-tall

DELIVER

DUMAS
2000 AgriPro release. The variety to beat under full irrigation and also does well under dryland conditions. Appears to have good fall forage potential. Excellent straw strength. Moderate stripe rust and some wheat streak mosaic tolerance. High test weight. Coleoptile length is medium. Maturity: Medium-early Height: Medium

ENDURANCE

FANNIN

HG-9
Variety developed in Hardeman county. A good dual-purpose or graze-out wheat because of forage yields and is awnless. Decent foliar disease package. Maturity: Late
Height: Medium

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

**JAGGER**
Maturity: Early
Height: Medium

**LOCKETT**
Texas release in 1998 as a grazing wheat. Beardless wheat with poor grain quality. 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: Medium-late
Height: Medium-tall

**LONGHORN**
AgriPro release in 1990. Beardless wheat primarily adapted for dryland production or grazing. Can be planted deep (long coleoptile). Good dual purpose wheat for dryland or limited irrigation. Some tolerance to wheat streak mosaic. Can shatter. Very sensitive to high soil temperatures when planted early.
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 yield in 2003, but above average irrigated yield in 2004 trials. Above average milling and baking characteristics. Medium-long coleoptile so should be able to plant deep. Avoid planting too early due to high soil temperature sensitivity. Straw strength is excellent. Soil-borne mosaic tolerance. Maturity: Medium
Height: Short

OVERLEY
Height: Medium-tall

STANTON
Kansas release in 2000. Russian wheat aphid tolerance - at least to the older biotype. May have some wheat streak mosaic tolerance. Has performed very well in western Kansas. Good height for a dryland wheat. Best fit is under dryland conditions. Maturity: Medium
Height: Medium-tall

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

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. 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 110
Height: Medium

TAM 110 CL

TAM 111
Maturity: Medium
Height: Medium-tall

**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

**TAM 303 (TX98D1170)**
Texas release in 2005. Above average irrigated yield in our 2004 trials. Best adapted to the Blackland area of Texas. Resistant to powdery mildew and leaf rust. Test weight is lower than average.
Maturity: Medium
Height: Medium

**TAM 112 (TX98V9698)**
Texas release in 2005. Greenbug resistant. Expected to replace TAM 110 because of higher yield potential and better test weight. Lodging was a problem in one of the irrigated trials in 2004. Widely adapted with good milling and baking qualities.
Maturity: Early
Height: Medium

**TX00D1390**
Texas experimental. High yielding with wide adaptability. Leaf rust resistant.

**TX013232**
Texas experimental. High yielding with wide adaptability. Leaf rust resistant.

**TX00V1117**
Texas experimental. Late maturing. Very high yield in Colorado and western Kansas trials.

**TX01M5009**
Maturity:Medium
Height:Medium

**THUNDERBOLT**
Maturity: Medium
Height: Medium-tall

**TREGO**
Maturity: Medium-late
Height: Medium-tall

**STURDY 2K**
Maturity: Medium-late
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

**T81**
Maturity: Medium early
Height: Medium short