

# South Texas – 2006 Uniform Wheat Variety Trials

**Gaylon Morgan, TCE Small Grains Specialist – College Station**  
**Giovanni Piccinni, Stress Physiology – Uvalde**  
**Jackie Rudd, Wheat Breeder – Amarillo**  
**Jerry Kidd, CEA – McCulloch County**  
**Ben McKay, Extension Assistant – College Station**

**Purpose:** To provide unbiased yield data for wheat producers across the state. With this information, Texas wheat producers can make an educated decision about the most appropriate variety for their geographic region.

**Overview:** The Uniform Variety Trial (UVT) is coordinated and implemented by numerous TCE and TAES faculty and staff from College Station, Uvalde, and Amarillo. We greatly appreciate the cooperation of David and Mary Holubec at the Brady location. In South Texas, two locations of the UVT were planted, Brady and Uvalde. Below is a table describing the major issues that affected the 2005-06 wheat crop at each location.

**Rankings:** The rankings assigned to the varieties on the following pages were determined by grain yield. Where two varieties yielded the same, test weight was used as a tiebreaker.

**Funding:** The State Uniform Variety Trial is funded by the Texas Wheat Producers Board.

| Location           | Issues                              |
|--------------------|-------------------------------------|
| Uvalde - Irrigated | Late-season heat stress             |
| Brady - Dryland    | Not harvested due to poor emergence |



The information given herein is for educational purposes only. Reference to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement by Texas Cooperative Extension, Texas Agricultural Experiment Station and Texas A&M University is implied.

Educational programs conducted by Texas Cooperative Extension, Texas Agricultural Experiment Station and Texas A&M University are open to people without regard to race, color, sex, disability, religion, age, or national origin.

## Uniform Wheat Variety Trial - Uvalde 2006

| 2006<br>Rank    | Variety   | Source                      | Grain Yield<br>(bu/ac) |                     |                     | Test Weight<br>(lb/bu) |
|-----------------|-----------|-----------------------------|------------------------|---------------------|---------------------|------------------------|
|                 |           |                             | 2006                   | 2-Year <sup>†</sup> | 3-Year <sup>‡</sup> | 2006                   |
| 26              | 2145      | KSU                         | 35.3                   | 36.3                | 45.8                | 56.5                   |
| 39              | AP502 CL  | AgriPro                     | 28.6                   | 30.5                | 35.0                | 53.0                   |
| 25              | AP6115*   | AgriPro                     | 35.5                   | -                   | -                   | 53.5                   |
| 9               | AP6126*   | AgriPro                     | 43.9                   | -                   | -                   | 58.0                   |
| 20              | AP7525*   | AgriPro                     | 39.4                   | -                   | -                   | 57.0                   |
| 18              | Blend 1   | (2145, Coronado, Fannin)    | 39.7                   | -                   | -                   | 58.5                   |
| 19              | Blend 2   | (Fannin, Cutter, Sturdy 2K) | 39.5                   | -                   | -                   | 57.5                   |
| 12              | Blend 3   | (TAM 111, Coronado, Fannin) | 41.1                   | -                   | -                   | 57.0                   |
| 11              | Bullet    | OSU                         | 41.9                   | -                   | -                   | 56.5                   |
| 3               | Coronado  | AgriPro                     | 46.0                   | 52.5                | 51.3                | 57.0                   |
| 31              | Cutter    | AgriPro                     | 33.2                   | 41.5                | 57.5                | 56.0                   |
| 38              | Deliver   | OSU                         | 28.6                   | 32.4                | -                   | 58.5                   |
| 10              | Doans     | AgriPro                     | 43.8                   | 48.5                | -                   | 58.0                   |
| 21              | Dumas     | AgriPro                     | 38.7                   | 48.3                | 50.5                | 57.5                   |
| 29              | Duster    | OSU                         | 34.1                   | -                   | -                   | 55.5                   |
| 34              | Endurance | OSU                         | 31.3                   | 25.9                | -                   | 56.0                   |
| 28              | Fannin    | AgriPro                     | 35.0                   | 48.5                | -                   | 59.0                   |
| 4               | Fuller    | KSU                         | 46.0                   | -                   | -                   | 56.5                   |
| 30              | Guymon    | OSU                         | 33.9                   | -                   | -                   | 56.5                   |
| 32              | HG-9      | Hardeman Grain              | 32.3                   | 26.3                | -                   | 58.5                   |
| 35              | Jagalene  | AgriPro                     | 30.9                   | 42.6                | 51.4                | 56.0                   |
| 23              | Jagger    | KSU                         | 37.4                   | 46.6                | 43.6                | 53.0                   |
| 27              | Longhorn  | AgriPro                     | 35.1                   | 42.7                | 45.3                | 54.0                   |
| 17              | Mit       | TAMU                        | 39.8                   | -                   | -                   | 57.5                   |
| 36              | Neosho    | AgriPro                     | 30.9                   | -                   | -                   | 55.5                   |
| 16              | Ogallala  | AgriPro                     | 40.2                   | 49.8                | 56.9                | 56.5                   |
| 15              | OK01307*  | OSU                         | 40.5                   | -                   | -                   | 56.5                   |
| 8               | Overley   | KSU                         | 44.5                   | 47.3                | -                   | 58.0                   |
| 13              | Santa Fe  | Westbred                    | 41.0                   | -                   | -                   | 56.5                   |
| 14              | Sturdy 2K | TAMU                        | 40.7                   | 40.0                | 45.2                | 54.5                   |
| 40              | TAM 110   | TAMU                        | 27.5                   | 24.7                | 32.5                | 52.5                   |
| 24              | TAM 111   | TAMU                        | 36.0                   | 40.7                | 48.0                | 56.0                   |
| 2               | TAM 112   | TAMU                        | 47.9                   | 47.8                | -                   | 58.0                   |
| 22              | TAM W-101 | TAMU                        | 38.2                   | 41.3                | -                   | 55.0                   |
| 6               | TXD1170*  | TAMU                        | 45.1                   | 54.1                | -                   | 53.0                   |
| 5               | TXD3232*  | TAMU                        | 45.7                   | 59.1                | -                   | 54.0                   |
| 7               | TXV1117*  | TAMU                        | 44.8                   | 47.1                | -                   | 56.0                   |
| 1               | TXV5314*  | TAMU                        | 50.1                   | -                   | -                   | 56.0                   |
| 37              | TXV6008*  | TAMU                        | 29.9                   | -                   | -                   | 56.0                   |
| 33              | Winmaster | Abilene Ag                  | 32.1                   | -                   | -                   | 58.5                   |
| <b>Mean</b>     |           |                             | <b>38.2</b>            | <b>42.4</b>         | <b>46.9</b>         | <b>56.2</b>            |
| <b>CV</b>       |           |                             | <b>13.4</b>            |                     |                     |                        |
| <b>LSD (5%)</b> |           |                             | <b>8.3</b>             |                     |                     |                        |

\* experimental variety

<sup>†</sup> yield average for 2005 and 2006

<sup>‡</sup> yield average for 2003, 2005, and 2006 (no data in 2004)



The information given herein is for educational purposes only. Reference to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement by Texas Cooperative Extension, Texas Agricultural Experiment Station and Texas A&M University is implied.

Educational programs conducted by Texas Cooperative Extension, Texas Agricultural Experiment Station and Texas A&M University are open to people without regard to race, color, sex, disability, religion, age, or national origin.