

# High Plains – 2007

## Uniform Wheat Variety Trials

<http://varietytesting.tamu.edu>

**Brent Bean, Extension Agronomist – Amarillo**  
**Jackie Rudd, Wheat Breeder – Amarillo**  
**Ravindra Devkota, Assistant Research Scientist – Bushland**  
**Jonny Simmons, Research Associate, Bushland**  
**Gaylon Morgan, TCE State Small Grains Specialist – College Station**  
**Ben McKay, Daniel Hathcoat; Extension Assistants – 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 Wheat Variety Trial (UWVT) is coordinated and implemented by numerous TCE and TAES faculty and staff from Amarillo, Bushland, Vernon, and College Station. Dr. David Worrall with Agri-Pro Wheat is also a key collaborator and contributed data from the Perryton location. We also appreciate the cooperation from numerous County Extension Agents and growers. In the High Plains, nine locations of the UWVT were harvested (6 irrigated, 3 dryland), but some locations are not reported at this time. Below is a table describing the predominant issues that affected the 2006-07 wheat crop at each location.

| Location                  | Issues   |
|---------------------------|--|
| Bushland – Dryland        | Post heading drought stress; moderate level of BYDV-stunting; some lodging                                 |
| Bushland – Irrigated      | Leaf and Stripe rust; moderate levels of BYDV-stunting   |
| Claude – Dryland          | Under grazing; farmer sprayed for rust   |
| Etter – Dryland           | Post heading drought stress; moderate level of shattering and BYDV-stunting                                |
| Gaines County – Irrigated |  |
| Perryton – Irrigated      | Moderate leaf rust   |
| Sherman County – Dryland  | Early weed (mustard) pressure; post heading drought stress; moderate level of shattering and BYDV-stunting |

**Rankings:** The rankings assigned to the varieties on the following pages were determined by 2007 grain yields from each independent location. 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.



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## Uniform Wheat Variety Trial - Bushland - Dryland, Hard Wheat 2007

| 2007 Rank | Variety          | Source                     | Grain Yield (bu/ac) |                     | Test Weight (lb/bu) |
|-----------|------------------|----------------------------|---------------------|---------------------|---------------------|
|           |                  |                            | 2007                | 2-Year <sup>†</sup> | 2007                |
| 6         | AP 04T8211*      | AgriPro                    | 49.7                | -                   | 57.7                |
| 40        | AP 04TA9029*     | AgriPro                    | 29.2                | -                   | 59.2                |
| 1         | Aspen (white)    | Westbred                   | 54.6                | -                   | 55.3                |
| 20        | Blend            | TAM 112, TAM 111, Jagelene | 44.5                | 32.2                | 57.8                |
| 14        | Bullet           | OSU                        | 46.5                | 33.1                | 59.6                |
| 33        | Coronado         | AgriPro                    | 38.3                | 27.8                | 57.9                |
| 38        | Cutter           | AgriPro                    | 33.5                | 26.8                | 58.2                |
| 18        | Deliver          | OSU                        | 45.1                | 30.6                | 58.5                |
| 35        | Doans            | AgriPro                    | 35.1                | 26.5                | 60.0                |
| 29        | Dumas            | AgriPro                    | 40.6                | 29.6                | 58.8                |
| 28        | Duster           | OSU                        | 41.7                | 30.0                | 58.1                |
| 2         | Endurance        | OSU                        | 53.1                | 36.8                | 57.0                |
| 25        | Fannin           | AgriPro                    | 42.8                | 28.2                | 58.0                |
| 10        | Fuller           | KSU                        | 47.6                | 34.9                | 57.0                |
| 24        | Guymon (white)   | OSU                        | 43.4                | 31.3                | 58.5                |
| 3         | Hatcher          | CSU                        | 52.9                | 36.9                | 58.0                |
| 32        | Jagalene         | AgriPro                    | 39.0                | 29.7                | 58.7                |
| 15        | Jagger           | KSU                        | 46.5                | 33.3                | 55.8                |
| 23        | Keota            | Westbred                   | 43.4                | 31.0                | 58.9                |
| 26        | Kojack           | AgriPro                    | 42.5                | 30.4                | 60.1                |
| 39        | Longhorn         | AgriPro                    | 32.3                | 23.7                | 59.4                |
| 36        | Neosho           | AgriPro                    | 35.0                | 25.2                | 58.6                |
| 12        | Overley          | KSU                        | 47.0                | 34.1                | 57.8                |
| 37        | RonL             | KSU                        | 34.5                | -                   | 57.3                |
| 7         | Santa Fe         | Westbred                   | 49.7                | 34.7                | 57.1                |
| 9         | Shocker          | Westbred                   | 49.3                | -                   | 57.4                |
| 34        | Sturdy 2K        | TAMU                       | 35.9                | 27.4                | 54.1                |
| 17        | T81              | Trio Seed Research         | 45.8                | 31.8                | 57.0                |
| 21        | TAM 105          | TAMU                       | 44.2                | 30.3                | 56.5                |
| 16        | TAM 110          | TAMU                       | 46.3                | 32.3                | 54.9                |
| 8         | TAM 111          | TAMU                       | 49.5                | 34.6                | 57.5                |
| 5         | TAM 111 - low TW | TAMU                       | 52.6                | -                   | 55.8                |
| 11        | TAM 112          | TAMU                       | 47.4                | 34.5                | 58.0                |
| 22        | TAM 203          | TAMU                       | 44.1                | 32.0                | 55.4                |
| 13        | TAM 304          | TAMU                       | 46.8                | 30.5                | 54.8                |
| 31        | TAM W-101        | TAMU                       | 39.5                | 30.1                | 58.6                |
| 27        | TX01A5936        | TAMU                       | 42.4                | 31.1                | 58.7                |
| 30        | TX01V6008        | TAMU                       | 40.5                | 29.8                | 58.0                |
| 19        | TX03M1096        | TAMU                       | 44.8                | -                   | 56.1                |
| 4         | TX99A0153-1      | TAMU                       | 52.7                | -                   | 57.8                |

|                 |             |             |             |
|-----------------|-------------|-------------|-------------|
| <b>Mean</b>     | <b>43.8</b> | <b>31.0</b> | <b>57.6</b> |
| <b>CV (%)</b>   | <b>8.3</b>  |             |             |
| <b>LSD (5%)</b> | <b>5.9</b>  |             |             |

\* experimental wheat breeding line

† yield average for 2006 and 2007

## Uniform Wheat Variety Trial - Bushland - Irrigated, Hard Wheat 2007

| 2007 Rank | Variety          | Source                     | Grain Yield (bu/ac) |                     | Test Weight (lb/bu) |
|-----------|------------------|----------------------------|---------------------|---------------------|---------------------|
|           |                  |                            | 2007                | 2-Year <sup>†</sup> | 2007                |
| 8         | AP 04T8211*      | AgriPro                    | 90.3                | -                   | 60.4                |
| 40        | AP 04TA9029*     | AgriPro                    | 58.5                | -                   | 60.8                |
| 1         | Aspen (white)    | Westbred                   | 102.8               | -                   | 60.7                |
| 26        | Blend            | TAM 112, TAM 111, Jagelene | 78.5                | 77.8                | 60.7                |
| 16        | Bullet           | OSU                        | 83.8                | 79.1                | 61.5                |
| 28        | Coronado         | AgriPro                    | 76.8                | 75.2                | 60.5                |
| 36        | Cutter           | AgriPro                    | 74.0                | 70.6                | 60.8                |
| 23        | Deliver          | OSU                        | 81.5                | 78.8                | 61.2                |
| 31        | Doans            | AgriPro                    | 75.0                | 71.7                | 62.2                |
| 19        | Dumas            | AgriPro                    | 83.3                | 76.8                | 61.5                |
| 4         | Duster           | OSU                        | 92.6                | 85.0                | 61.5                |
| 10        | Endurance        | OSU                        | 89.5                | 78.8                | 60.4                |
| 34        | Fannin           | AgriPro                    | 74.2                | 67.4                | 61.6                |
| 7         | Fuller           | KSU                        | 90.6                | 81.4                | 61.3                |
| 24        | Guymon (white)   | OSU                        | 80.6                | 82.5                | 60.5                |
| 2         | Hatcher          | CSU                        | 96.5                | 91.2                | 60.6                |
| 30        | Jagalene         | AgriPro                    | 75.4                | 71.8                | 60.4                |
| 17        | Jagger           | KSU                        | 83.8                | 77.7                | 59.6                |
| 13        | Keota            | Westbred                   | 88.8                | 84.6                | 61.4                |
| 22        | Kojack           | AgriPro                    | 82.4                | 82.9                | 61.7                |
| 39        | Longhorn         | AgriPro                    | 64.9                | 63.7                | 61.1                |
| 33        | Neosho           | AgriPro                    | 74.5                | 74.0                | 60.9                |
| 25        | Overley          | KSU                        | 79.8                | 69.7                | 61.0                |
| 6         | RonL             | KSU                        | 90.8                | -                   | 61.4                |
| 9         | Santa Fe         | Westbred                   | 90.0                | 82.2                | 60.4                |
| 20        | Shocker          | Westbred                   | 82.8                | -                   | 60.1                |
| 35        | Sturdy 2K        | TAMU                       | 74.2                | 55.1                | 58.9                |
| 12        | T81              | Trio Seed Research         | 89.2                | 86.5                | 60.5                |
| 37        | TAM 105          | TAMU                       | 72.1                | 70.4                | 57.7                |
| 29        | TAM 110          | TAMU                       | 76.1                | 76.9                | 57.5                |
| 14        | TAM 111          | TAMU                       | 87.1                | 80.2                | 61.8                |
| 32        | TAM 111 - low TW | TAMU                       | 74.6                | -                   | 57.5                |
| 27        | TAM 112          | TAMU                       | 78.0                | 81.4                | 59.3                |
| 11        | TAM 203          | TAMU                       | 89.5                | 83.0                | 58.7                |
| 21        | TAM 304          | TAMU                       | 82.6                | 83.6                | 58.7                |
| 38        | TAM W-101        | TAMU                       | 71.3                | 68.2                | 59.4                |
| 18        | TX01A5936        | TAMU                       | 83.5                | 75.7                | 61.1                |
| 5         | TX01V6008        | TAMU                       | 91.0                | 73.9                | 60.6                |
| 15        | TX03M1096        | TAMU                       | 87.0                | -                   | 59.4                |
| 3         | TX99A0153-1      | TAMU                       | 94.9                | -                   | 61.1                |

|                 |             |             |             |
|-----------------|-------------|-------------|-------------|
| <b>Mean</b>     | <b>82.3</b> | <b>76.8</b> | <b>60.4</b> |
| <b>CV (%)</b>   | <b>7.4</b>  |             |             |
| <b>LSD (5%)</b> | <b>9.9</b>  |             |             |

\* experimental wheat breeding line

† yield average for 2006 and 2007

## Uniform Wheat Variety Trial - Claude, Hard Wheat 2007

| 2007<br>Rank | Variety          | Source                     | Grain Yield<br>(bu/ac) |          | Test Weight<br>(lb/bu) |
|--------------|------------------|----------------------------|------------------------|----------|------------------------|
|              |                  |                            | 2007                   | 2-Year † | 2007‡                  |
| 12           | AP 04T8211*      | AgriPro                    | 78.2                   | -        | -                      |
| 40           | AP 04TA9029*     | AgriPro                    | 51.5                   | -        | -                      |
| 3            | Aspen (white)    | Westbred                   | 83.1                   | -        | -                      |
| 6            | Blend            | TAM 112, TAM 111, Jagelene | 80.1                   | 56.5     | -                      |
| 18           | Bullet           | OSU                        | 73.6                   | 51.3     | -                      |
| 22           | Coronado         | AgriPro                    | 71.5                   | 50.4     | -                      |
| 24           | Cutter           | AgriPro                    | 70.3                   | 50.5     | -                      |
| 9            | Deliver          | OSU                        | 78.9                   | 55.2     | -                      |
| 15           | Doans            | AgriPro                    | 76.6                   | 54.2     | -                      |
| 8            | Dumas            | AgriPro                    | 79.2                   | 54.1     | -                      |
| 17           | Duster           | OSU                        | 74.0                   | 53.7     | -                      |
| 26           | Endurance        | OSU                        | 68.5                   | 49.6     | -                      |
| 30           | Fannin           | AgriPro                    | 67.0                   | 44.8     | -                      |
| 21           | Fuller           | KSU                        | 72.0                   | 50.5     | -                      |
| 13           | Guymon (white)   | OSU                        | 76.8                   | 51.6     | -                      |
| 2            | Hatcher          | CSU                        | 84.0                   | 56.8     | -                      |
| 28           | Jagalene         | AgriPro                    | 68.4                   | 50.0     | -                      |
| 29           | Jagger           | KSU                        | 67.5                   | 49.1     | -                      |
| 25           | Keota            | Westbred                   | 69.6                   | 50.6     | -                      |
| 16           | Kojack           | AgriPro                    | 75.8                   | 48.7     | -                      |
| 32           | Longhorn         | AgriPro                    | 66.4                   | 45.6     | -                      |
| 23           | Neosho           | AgriPro                    | 71.1                   | 48.6     | -                      |
| 31           | Overley          | KSU                        | 66.8                   | 48.3     | -                      |
| 11           | RonL             | KSU                        | 78.4                   | -        | -                      |
| 20           | Santa Fe         | Westbred                   | 72.5                   | 50.2     | -                      |
| 27           | Shocker          | Westbred                   | 68.5                   | -        | -                      |
| 33           | Sturdy 2K        | TAMU                       | 65.6                   | 45.0     | -                      |
| 19           | T81              | Trio Seed Research         | 72.7                   | 51.1     | -                      |
| 35           | TAM 105          | TAMU                       | 63.0                   | 45.5     | -                      |
| 14           | TAM 110          | TAMU                       | 76.7                   | 53.9     | -                      |
| 5            | TAM 111          | TAMU                       | 80.3                   | 55.5     | -                      |
| 39           | TAM 111 - low TW | TAMU                       | 52.9                   | -        | -                      |
| 7            | TAM 112          | TAMU                       | 79.9                   | 56.5     | -                      |
| 37           | TAM 203          | TAMU                       | 62.3                   | 46.6     | -                      |
| 4            | TAM 304          | TAMU                       | 83.1                   | 56.8     | -                      |
| 38           | TAM W-101        | TAMU                       | 61.1                   | 43.3     | -                      |
| 10           | TX01A5936        | TAMU                       | 78.7                   | 55.0     | -                      |
| 34           | TX01V6008        | TAMU                       | 65.0                   | 45.8     | -                      |
| 36           | TX03M1096        | TAMU                       | 62.4                   | -        | -                      |
| 1            | TX99A0153-1      | TAMU                       | 89.9                   | -        | -                      |

|          |      |      |   |
|----------|------|------|---|
| Mean     | 72.1 | 50.8 | - |
| CV (%)   | 8.5  |      |   |
| LSD (5%) | 10.0 |      |   |

\* experimental wheat breeding line

† yield average for 2006 and 2007

‡ Test weights were not available at time of publication.

## Uniform Wheat Variety Trial - Etter - Dryland, Hard Wheat 2007

| 2007<br>Rank | Variety          | Source                     | Grain Yield     | Test Weight                  |
|--------------|------------------|----------------------------|-----------------|------------------------------|
|              |                  |                            | (bu/ac)<br>2007 | (lb/bu)<br>2007 <sup>†</sup> |
| 27           | AP 04T8211*      | AgriPro                    | 50.3            | -                            |
| 40           | AP 04TA9029*     | AgriPro                    | 31.5            | -                            |
| 2            | Aspen (white)    | Westbred                   | 64.5            | -                            |
| 32           | Blend            | TAM 112, TAM 111, Jagelene | 46.9            | -                            |
| 18           | Bullet           | OSU                        | 53.3            | -                            |
| 22           | Coronado         | AgriPro                    | 51.6            | -                            |
| 20           | Cutter           | AgriPro                    | 53.1            | -                            |
| 4            | Deliver          | OSU                        | 60.4            | -                            |
| 28           | Doans            | AgriPro                    | 49.9            | -                            |
| 14           | Dumas            | AgriPro                    | 55.7            | -                            |
| 15           | Duster           | OSU                        | 55.1            | -                            |
| 21           | Endurance        | OSU                        | 52.0            | -                            |
| 38           | Fannin           | AgriPro                    | 42.7            | -                            |
| 9            | Fuller           | KSU                        | 56.3            | -                            |
| 5            | Guymon (white)   | OSU                        | 60.4            | -                            |
| 13           | Hatcher          | CSU                        | 55.8            | -                            |
| 37           | Jagalene         | AgriPro                    | 42.7            | -                            |
| 29           | Jagger           | KSU                        | 48.5            | -                            |
| 23           | Keota            | Westbred                   | 51.5            | -                            |
| 33           | Kojack           | AgriPro                    | 45.4            | -                            |
| 35           | Longhorn         | AgriPro                    | 43.5            | -                            |
| 17           | Neosho           | AgriPro                    | 53.6            | -                            |
| 8            | Overley          | KSU                        | 56.3            | -                            |
| 26           | RonL             | KSU                        | 50.8            | -                            |
| 19           | Santa Fe         | Westbred                   | 53.1            | -                            |
| 36           | Shocker          | Westbred                   | 43.5            | -                            |
| 39           | Sturdy 2K        | TAMU                       | 37.4            | -                            |
| 16           | T81              | Trio Seed Research         | 54.1            | -                            |
| 25           | TAM 105          | TAMU                       | 50.9            | -                            |
| 30           | TAM 110          | TAMU                       | 47.9            | -                            |
| 7            | TAM 111          | TAMU                       | 58.3            | -                            |
| 10           | TAM 111 - low TW | TAMU                       | 56.1            | -                            |
| 11           | TAM 112          | TAMU                       | 56.0            | -                            |
| 1            | TAM 203          | TAMU                       | 65.9            | -                            |
| 3            | TAM 304          | TAMU                       | 62.6            | -                            |
| 34           | TAM W-101        | TAMU                       | 44.4            | -                            |
| 24           | TX01A5936        | TAMU                       | 51.0            | -                            |
| 12           | TX01V6008        | TAMU                       | 55.9            | -                            |
| 31           | TX03M1096        | TAMU                       | 47.3            | -                            |
| 6            | TX99A0153-1      | TAMU                       | 59.4            | -                            |

|                 |             |   |
|-----------------|-------------|---|
| <b>Mean</b>     | <b>52.0</b> | - |
| <b>CV (%)</b>   | <b>12.6</b> |   |
| <b>LSD (5%)</b> | <b>10.6</b> |   |

\* experimental wheat breeding line

<sup>†</sup> Neither test weights nor yearly averages were not available at time of publication.

## Uniform Wheat Variety Trial - Gaines County, Irrigated Hard Wheat 2007

| 2007 | Rank | Variety          | Source                     | Grain Yield<br>(bu/ac) |                     |                     | Test Weight<br>(lb/bu) |             |
|------|------|------------------|----------------------------|------------------------|---------------------|---------------------|------------------------|-------------|
|      |      |                  |                            | 2007                   | 2-Year <sup>†</sup> | 3-Year <sup>‡</sup> | 2007                   |             |
|      | 28   | AP 04T8211       | AgriPro                    | 43.4                   | -                   | -                   | 54.6                   |             |
|      | 32   | AP 04TA9029      | AgriPro                    | 41.5                   | -                   | -                   | 54.0                   |             |
|      | 8    | Aspen (white)    | Westbred                   | 52.3                   | -                   | -                   | 59.1                   |             |
|      | 35   | Blend            | TAM 112, TAM 111, Jagelene | 39.6                   | -                   | -                   | 56.1                   |             |
|      | 25   | Bullet           | OSU                        | 44.8                   | 50.4                | -                   | 57.0                   |             |
|      | 38   | Coronado         | AgriPro                    | 37.5                   | 42.6                | 44.0                | 54.4                   |             |
|      | 22   | Cutter           | AgriPro                    | 45.1                   | 50.5                | 53.0                | 54.6                   |             |
|      | 29   | Deliver          | OSU                        | 42.7                   | 46.3                | 48.4                | 54.0                   |             |
|      | 24   | Doans            | AgriPro                    | 44.8                   | -                   | -                   | 58.4                   |             |
|      | 10   | Dumas            | AgriPro                    | 51.0                   | 51.4                | 52.9                | 55.6                   |             |
|      | 30   | Duster           | OSU                        | 42.3                   | 50.2                | -                   | 52.7                   |             |
|      | 34   | Endurance        | OSU                        | 39.9                   | 48.3                | 50.8                | 55.5                   |             |
|      | 33   | Fannin           | AgriPro                    | 39.9                   | 44.1                | 49.6                | 56.0                   |             |
|      | 16   | Fuller           | KSU                        | 47.7                   | -                   | -                   | 53.7                   |             |
|      | 18   | Guymon (white)   | OSU                        | 46.8                   | 48.5                | -                   | 56.8                   |             |
|      | 1    | Hatcher          | CSU                        | 64.0                   | 59.4                | -                   | 61.0                   |             |
|      | 15   | Jagalene         | AgriPro                    | 48.2                   | 50.9                | 55.1                | 56.2                   |             |
|      | 27   | Jagger           | KSU                        | 43.5                   | 47.6                | 52.6                | 55.8                   |             |
|      | 9    | Keota            | Westbred                   | 51.0                   | -                   | -                   | 56.6                   |             |
|      | 23   | Kojack           | AgriPro                    | 45.0                   | -                   | -                   | 47.0                   |             |
|      | 39   | Longhorn         | AgriPro                    | 37.3                   | 41.3                | 42.6                | 48.4                   |             |
|      | 3    | Neosho           | AgriPro                    | 55.0                   | 54.0                | -                   | 56.4                   |             |
|      | 7    | Overley          | KSU                        | 52.5                   | 52.6                | 56.2                | 58.9                   |             |
|      | 12   | RonL             | KSU                        | 49.6                   | -                   | -                   | 56.8                   |             |
|      | 37   | Santa Fe         | Westbred                   | 39.4                   | 42.9                | -                   | 54.4                   |             |
|      | 20   | Shocker          | Westbred                   | 46.2                   | -                   | -                   | 57.4                   |             |
|      | 36   | Sturdy 2K        | TAMU                       | 39.5                   | 42.9                | 48.4                | 52.3                   |             |
|      | 13   | T81              | Trio Seed Research         | 49.4                   | 47.6                | 51.3                | 56.8                   |             |
|      | 21   | TAM 105          | TAMU                       | 45.5                   | 47.2                | 46.4                | 52.5                   |             |
|      | 11   | TAM 110          | TAMU                       | 50.1                   | 51.0                | 48.2                | 57.3                   |             |
|      | 5    | TAM 111          | TAMU                       | 53.6                   | 53.3                | 57.7                | 58.2                   |             |
|      | 31   | TAM 111 - low TW | TAMU                       | 41.9                   | -                   | -                   | 54.8                   |             |
|      | 2    | TAM 112          | TAMU                       | 56.0                   | 57.6                | 54.1                | 59.5                   |             |
|      | 19   | TAM W101         | TAMU                       | 46.7                   | 44.6                | 44.9                | 47.2                   |             |
|      | 14   | TX01A5936        | TAMU                       | 49.1                   | -                   | -                   | 56.4                   |             |
|      | 26   | TX01D3232        | TAMU                       | 44.6                   | -                   | -                   | 54.6                   |             |
|      | 17   | TX01V5314        | TAMU                       | 47.0                   | -                   | -                   | 55.6                   |             |
|      | 6    | TX01V6008        | TAMU                       | 53.5                   | -                   | -                   | 58.9                   |             |
|      | 40   | TX03M1096        | TAMU                       | 35.4                   | -                   | -                   | 49.3                   |             |
|      | 4    | TX99A0153-1      | TAMU                       | 54.8                   | -                   | -                   | 56.8                   |             |
|      |      |                  |                            | <b>Mean</b>            | <b>26.0</b>         | <b>48.5</b>         | <b>50.0</b>            | <b>55.3</b> |
|      |      |                  |                            | <b>CV (%)</b>          | <b>8.1</b>          |                     |                        |             |
|      |      |                  |                            | <b>LSD (5%)</b>        | <b>2.5</b>          |                     |                        |             |

\* experimental wheat breeding line

<sup>†</sup> yield average for 2006 and 2007

<sup>‡</sup> yield average for 2005, 2006, and 2007

## Uniform Wheat Variety Trial - Perryton, Irrigated Hard Wheat 2007 (Agri-Pro)

| 2007 Rank | Variety      | Source   | Grain Yield (bu/ac) |                     |                     | Test Weight (lb/bu) |
|-----------|--------------|----------|---------------------|---------------------|---------------------|---------------------|
|           |              |          | 2007                | 2-Year <sup>†</sup> | 3-Year <sup>‡</sup> | 2007                |
| 1         | AP04T8211*   | AgriPro  | 72.2                | -                   | -                   | 57.0                |
| 17        | Bullet       | OSU      | 54.4                | 54.1                | -                   | 57.6                |
| 21        | Coronado     | AgriPro  | 51.7                | 54.9                | 59.3                | 57.7                |
| 29        | Cutter       | AgriPro  | 41.1                | 46.8                | 56.2                | 55.1                |
| 22        | Deliver      | OSU      | 50.5                | 52.2                | 59.8                | 57.4                |
| 4         | Doans        | AgriPro  | 64.2                | 59.6                | -                   | 59.8                |
| 16        | Dumas        | AgriPro  | 56.0                | 57.7                | 63.8                | 58.6                |
| 12        | Duster       | OSU      | 59.4                | 59.3                | -                   | 56.1                |
| 18        | Endurance    | OSU      | 53.2                | 55.6                | 60.7                | 56.0                |
| 8         | Fannin       | AgriPro  | 62.1                | 53.7                | 56.5                | 58.4                |
| 10        | Fuller       | KSU      | 60.3                | 59.1                | -                   | 57.4                |
| 30        | Guymon       | OSU      | 38.7                | 42.9                | -                   | 56.4                |
| 27        | Jagalene     | AgriPro  | 42.0                | 47.1                | 60.1                | 55.3                |
| 26        | Jagger       | KSU      | 42.1                | 51.5                | 62.6                | 54.1                |
| 20        | Kojak        | AgriPro  | 51.8                | 48.6                | -                   | 54.3                |
| 28        | Longhorn     | AgriPro  | 41.7                | 42.6                | 48.7                | 55.9                |
| 25        | Neosho       | AgriPro  | 42.2                | 48.6                | -                   | 55.8                |
| 19        | Overley      | KSU      | 52.0                | 53.0                | 60.4                | 56.8                |
| 6         | Santa Fe     | Westbred | 63.1                | 59.4                | -                   | 55.0                |
| 7         | Shocker      | Westbred | 62.9                | -                   | -                   | 55.6                |
| 3         | Sturdy 2K    | TAMU     | 67.3                | 53.3                | 49.5                | 56.5                |
| 24        | TAM 101      | TAMU     | 45.3                | -                   | -                   | 54.8                |
| 23        | TAM 110      | TAMU     | 46.1                | 51.8                | 54.9                | 54.5                |
| 15        | TAM 111      | TAMU     | 57.9                | 57.1                | 69.7                | 53.0                |
| 11        | TAM 112      | TAMU     | 60.3                | 57.3                | 59.5                | 56.5                |
| 13        | TAM 203      | TAMU     | 58.7                | 54.7                | -                   | 55.1                |
| 14        | TAM 304      | TAMU     | 58.3                | -                   | -                   | 55.2                |
| 5         | TX01V6008*   | TAMU     | 63.3                | -                   | -                   | 56.1                |
| 2         | TX03M1096*   | TAMU     | 70.2                | -                   | -                   | 55.6                |
| 9         | TX99A0153-1* | TAMU     | 60.7                | -                   | -                   | 51.6                |

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|                 |             |             |             |             |
|-----------------|-------------|-------------|-------------|-------------|
| <b>Mean</b>     | <b>53.3</b> | <b>53.1</b> | <b>58.7</b> | <b>56.0</b> |
| <b>CV (%)</b>   | <b>11.5</b> |             |             |             |
| <b>LSD (5%)</b> | <b>10.0</b> |             |             |             |

\* experimental wheat breeding line

<sup>†</sup> yield average for 2006 and 2007

<sup>‡</sup> yield average for 2005, 2006, and 2007

## Uniform Wheat Variety Trial - Sherman County, Hard Wheat 2007

| 2007<br>Rank | Variety          | Source                     | Grain Yield     | Test Weight                  |
|--------------|------------------|----------------------------|-----------------|------------------------------|
|              |                  |                            | (bu/ac)<br>2007 | (lb/bu)<br>2007 <sup>†</sup> |
| 37           | AP 04T8211*      | AgriPro                    | 39.0            | -                            |
| 40           | AP 04TA9029*     | AgriPro                    | 23.3            | -                            |
| 5            | Aspen (white)    | Westbred                   | 73.4            | -                            |
| 11           | Blend            | TAM 112, TAM 111, Jagelene | 60.0            | -                            |
| 15           | Bullet           | OSU                        | 58.8            | -                            |
| 31           | Coronado         | AgriPro                    | 47.4            | -                            |
| 38           | Cutter           | AgriPro                    | 38.2            | -                            |
| 35           | Deliver          | OSU                        | 41.7            | -                            |
| 34           | Doans            | AgriPro                    | 43.2            | -                            |
| 32           | Dumas            | AgriPro                    | 46.8            | -                            |
| 10           | Duster           | OSU                        | 61.3            | -                            |
| 16           | Endurance        | OSU                        | 58.1            | -                            |
| 36           | Fannin           | AgriPro                    | 39.9            | -                            |
| 2            | Fuller           | KSU                        | 80.1            | -                            |
| 23           | Guymon (white)   | OSU                        | 53.5            | -                            |
| 13           | Hatcher          | CSU                        | 59.4            | -                            |
| 19           | Jagalene         | AgriPro                    | 56.1            | -                            |
| 27           | Jagger           | KSU                        | 50.9            | -                            |
| 6            | Keota            | Westbred                   | 72.6            | -                            |
| 28           | Kojack           | AgriPro                    | 50.7            | -                            |
| 17           | Longhorn         | AgriPro                    | 57.4            | -                            |
| 4            | Neosho           | AgriPro                    | 73.5            | -                            |
| 33           | Overley          | KSU                        | 46.3            | -                            |
| 14           | RonL             | KSU                        | 59.0            | -                            |
| 25           | Santa Fe         | Westbred                   | 52.3            | -                            |
| 29           | Shocker          | Westbred                   | 49.3            | -                            |
| 39           | Sturdy 2K        | TAMU                       | 31.0            | -                            |
| 21           | T81              | Trio Seed Research         | 54.3            | -                            |
| 8            | TAM 105          | TAMU                       | 66.8            | -                            |
| 24           | TAM 110          | TAMU                       | 52.7            | -                            |
| 26           | TAM 111          | TAMU                       | 52.0            | -                            |
| 7            | TAM 111 - low TW | TAMU                       | 68.8            | -                            |
| 18           | TAM 112          | TAMU                       | 56.5            | -                            |
| 9            | TAM 203          | TAMU                       | 62.8            | -                            |
| 20           | TAM 304          | TAMU                       | 55.3            | -                            |
| 12           | TAM W-101        | TAMU                       | 59.6            | -                            |
| 3            | TX01A5936        | TAMU                       | 77.3            | -                            |
| 22           | TX01V6008        | TAMU                       | 53.8            | -                            |
| 30           | TX03M1096        | TAMU                       | 48.4            | -                            |
| 1            | TX99A0153-1      | TAMU                       | 86.1            | -                            |

**Mean**    **55.4**    -  
**CV (%)**    **20.7**  
**LSD (5%)**    **18.7**

\* experimental wheat breeding line

<sup>†</sup> Neither test weights nor yearly averages were not available at time of publication.