

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.



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.

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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 [†]	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

Mean	43.8	31.0	57.6
CV (%)	8.3		
LSD (5%)	5.9		

* 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 [†]	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

Mean	82.3	76.8	60.4
CV (%)	7.4		
LSD (5%)	9.9		

* experimental wheat breeding line

† yield average for 2006 and 2007

Uniform Wheat Variety Trial - Claude, Hard Wheat 2007

2007 Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (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 Rank	Variety	Source	Grain Yield	Test Weight
			(bu/ac) 2007	(lb/bu) 2007 [†]
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	-

Mean	52.0	-
CV (%)	12.6	
LSD (5%)	10.6	

* experimental wheat breeding line

[†] 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 (bu/ac)			Test Weight (lb/bu)	
				2007	2-Year [†]	3-Year [‡]	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	
				Mean	26.0	48.5	50.0	55.3
				CV (%)	8.1			
				LSD (5%)	2.5			

* experimental wheat breeding line

[†] yield average for 2006 and 2007

[‡] 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 [†]	3-Year [‡]	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

Mean	53.3	53.1	58.7	56.0
CV (%)	11.5			
LSD (5%)	10.0			

* experimental wheat breeding line

† yield average for 2006 and 2007

‡ yield average for 2005, 2006, and 2007

Uniform Wheat Variety Trial - Sherman County, Hard Wheat 2007

2007 Rank	Variety	Source	Grain Yield	Test Weight
			(bu/ac) 2007	(lb/bu) 2007 [†]
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

[†] Neither test weights nor yearly averages were not available at time of publication.

Rolling Plains – 2007 Uniform Wheat Variety Trials

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Jackie Rudd, Wheat Breeder – Amarillo
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Overview: The Uniform Wheat Variety Trial (UWVT) is coordinated and implemented by numerous TCE and TAES faculty and staff from Amarillo, Vernon, and College Station. Dr. David Worrall with Agri-Pro Wheat is also a key collaborator and contributed data from the Vernon, Knox County, Young County, and Wichita County locations. We also appreciate the cooperation from numerous County Extension Agents and growers. In the Rolling Plains, nine UWVT trials were planted in eight locations. Below is a table describing the predominant issues that affected the 2006-07 wheat crop at each location.

Location	Issues
Abilene	Dry fall but good spring moisture; some freeze damage
Chillicothe	Wild hog damage to beardless wheat varieties
Chillicothe/Hardeman Grain	Moderate leaf rust and powdery mildew
Electra	Moderate leaf rust and powdery mildew; no-till
Knox County	Farmer sprayed fungicide for powdery mildew and leaf rust
Vernon	Moderate leaf rust and powdery mildew
Vernon – Irrigated	Moderate leaf rust and powdery mildew
Wichita County	Moderate leaf rust and powdery mildew; wet conditions at harvest
Young County	Moderate leaf rust

Rankings: The rankings assigned to the varieties on the following pages were determined by 2007 grain yields from each individual location. Where two varieties yielded the same, test weight was used as a tiebreaker.

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Uniform Wheat Variety Trial - Abilene, Hard Wheat 2007

2007 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2007	2-Year [†]	3-Year [‡]	2007
6	AP 04T8211*	AgriPro	68.2	-	-	58.7
30	AP 04TA9029*	AgriPro	51.7	-	-	55.7
3	Bullet	OSU	72.3	46.2	-	60.2
24	Coronado	AgriPro	53.9	31.7	35.6	59.8
32	Cutter	AgriPro	50.0	33.9	38.4	59.6
15	Cutter 105	AgriPro	63.5	-	-	60.2
34	Cutter 120	AgriPro	49.3	-	-	45.7
40	Cutter 15	AgriPro	20.6	-	-	52.3
39	Cutter 30	AgriPro	34.5	-	-	55.4
35	Cutter 45	AgriPro	49.0	32.8	-	56.1
26	Cutter 75	AgriPro	53.6	-	-	58.8
37	Cutter 90	AgriPro	46.2	34.1	-	60.0
10	Deliver	OSU	67.2	41.8	41.4	61.5
12	Doans	AgriPro	65.6	38.2	40.9	57.7
13	Dumas	AgriPro	65.1	39.1	36.3	61.3
14	Duster	OSU	63.7	43.4	-	60.4
20	Endurance	OSU	56.8	37.6	38.1	59.6
18	Fannin	AgriPro	59.9	33.2	36.0	55.1
5	Fuller	KSU	70.4	43.6	-	60.7
23	Guymon (white)	OSU	55.2	36.2	-	60.4
29	HG-9	Hardeman Grain	51.9	33.7	36.0	59.7
25	Jagalene	AgriPro	53.8	34.2	38.2	56.3
21	Jagger	KSU	56.7	33.7	39.2	56.3
33	Kojack	AgriPro	49.9	29.3	-	57.3
38	Longhorn	AgriPro	44.9	29.9	29.2	57.7
36	Neosho	AgriPro	47.8	31.4	-	54.3
19	Overley	KSU	58.0	35.5	36.9	60.8
1	Santa Fe	Westbred	76.6	46.3	-	59.8
17	Shocker	Westbred	62.3	-	-	59.3
9	Sturdy 2K	TAMU	67.9	43.4	40.3	59.1
16	TAM 110	TAMU	62.8	37.8	35.9	58.1
8	TAM 111	TAMU	68.0	43.3	44.3	58.5
2	TAM 112	TAMU	74.7	45.5	47.0	60.7
11	TAM 304	TAMU	66.5	39.0	45.0	57.9
27	TAM W-101	TAMU	52.5	36.0	37.1	59.7
31	TAM 203	TAMU	51.3	30.8	-	60.0
22	TX01V6008	TAMU	56.0	37.9	-	60.2
7	TX03M1096	TAMU	68.2	-	-	58.5
4	TX99A0153-1	TAMU	71.2	-	-	59.6
28	Winmaster	Abilene Ag	52.0	-	-	61.7

Mean	58.0	37.2	38.6	58.4
CV (%)	14.0			
LSD (5%)	13.2			

* experimental wheat breeding line

[†] yield average for 2006 and 2007

[‡] yield average for 2005, 2006, and 2007

Uniform Wheat Variety Trial - Chillicothe, Hard Wheat 2007

2007 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2007	2-Year [†]	3-Year [‡]	2007
2	AP 04T8211*	AgriPro	64.4	-	-	61.2
36	AP 04TA9029*	AgriPro	43.6	-	-	60.5
13	Bullet	OSU	54.8	39.1	-	62.5
37	Coronado	AgriPro	42.2	32.1	34.1	61.3
21	Cutter	AgriPro	51.4	37.9	42.8	61.3
14	Cutter 105	AgriPro	54.8	-	-	60.8
30	Cutter 120	AgriPro	47.4	-	-	60.9
40	Cutter 15	AgriPro	38.2	-	-	60.2
24	Cutter 30	AgriPro	50.0	-	-	60.5
23	Cutter 45	AgriPro	51.0	36.8	-	60.8
32	Cutter 75	AgriPro	47.1	-	-	-
18	Cutter 90	AgriPro	52.5	36.8	-	61.1
27	Deliver	OSU	49.6	33.7	36.5	61.8
16	Doans	AgriPro	53.5	35.6	41.4	62.8
11	Dumas	AgriPro	57.8	38.8	39.4	62.3
12	Duster	OSU	56.6	38.4	-	60.2
25	Endurance	OSU	50.0	36.0	39.6	59.9
15	Fannin	AgriPro	54.2	35.6	39.0	62.2
8	Fuller	KSU	59.7	41.0	-	61.5
19	Guymon (white)	OSU	52.2	35.3	-	61.8
39	HG-9	Hardeman Grain	40.8	29.8	38.1	61.2
29	Jagalene	AgriPro	49.0	36.7	42.6	61.1
17	Jagger	KSU	53.4	35.6	40.2	59.1
22	Kojack	AgriPro	51.2	33.9	-	59.2
33	Longhorn	AgriPro	46.1	31.0	34.3	60.9
28	Neosho	AgriPro	49.5	32.7	-	61.1
4	Overley	KSU	63.8	42.9	47.8	60.6
7	Santa Fe	Westbred	60.0	39.4	-	60.5
6	Shocker	Westbred	60.7	-	-	59.5
34	Sturdy 2K	TAMU	45.1	32.0	36.5	59.5
31	TAM 110	TAMU	47.3	33.7	35.6	57.3
20	TAM 111	TAMU	51.6	35.0	41.5	61.2
9	TAM 112	TAMU	59.2	41.8	42.0	59.9
3	TAM 304	TAMU	64.3	41.7	44.8	59.5
35	TAM W-101	TAMU	44.5	31.3	31.2	60.6
1	TAM 203	TAMU	65.0	42.3	-	58.5
10	TX01V6008	TAMU	58.5	40.5	-	60.2
26	TX03M1096	TAMU	49.9	-	-	58.5
5	TX99A0153-1	TAMU	61.0	-	-	60.5
38	Winmaster	Abilene Ag	41.9	-	-	61.6

Mean	52.3	36.5	39.3	60.6
CV (%)	8.9			
LSD (5%)	7.6			

* experimental wheat breeding line

[†] yield average for 2006 and 2007

[‡] yield average for 2005, 2006, and 2007

Uniform Wheat Variety Trial - Hardeman Grain, Hard Wheat 2007

2007 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2007	2-Year †	3-Year ‡	2007
1	AP 04T8211*	AgriPro	64.2	-	-	61.3
27	AP 04TA9029*	AgriPro	44.5	-	-	60.8
10	Bullet	OSU	52.2	-	-	62.0
22	Coronado	AgriPro	47.6	41.1	47.2	60.2
24	Cutter	AgriPro	46.1	39.8	48.4	60.6
25	Cutter 105	AgriPro	45.9	-	-	61.2
18	Cutter 120	AgriPro	48.3	-	-	61.3
34	Cutter 15	AgriPro	39.9	-	-	59.4
16	Cutter 30	AgriPro	49.5	-	-	59.6
26	Cutter 45	AgriPro	44.7	-	-	60.2
19	Cutter 75	AgriPro	48.1	-	-	60.8
33	Cutter 90	AgriPro	41.5	-	-	60.8
37	Deliver	OSU	34.7	33.7	-	60.8
32	Doans	AgriPro	41.8	38.0	-	62.8
4	Dumas	AgriPro	60.0	47.7	54.3	62.2
20	Duster	OSU	48.0	-	-	61.6
15	Endurance	OSU	49.5	44.9	-	60.9
6	Fannin	AgriPro	56.4	43.4	51.7	61.5
5	Fuller	KSU	60.0	-	-	61.8
31	Guymon (white)	OSU	42.3	-	-	62.2
40	HG-9	Hardeman Grain	32.3	26.6	36.7	60.6
30	Jagalene	AgriPro	42.5	41.9	49.2	61.6
21	Jagger	KSU	47.7	44.6	50.9	58.4
23	Kojack	AgriPro	46.2	-	-	57.5
36	Longhorn	AgriPro	35.0	28.2	36.6	59.2
29	Neosho	AgriPro	43.2	-	-	60.9
2	Overley	KSU	62.6	52.3	56.6	60.1
9	Santa Fe	Westbred	52.9	-	-	60.6
11	Shocker	Westbred	51.7	-	-	59.6
35	Sturdy 2K	TAMU	39.8	35.2	43.6	60.2
12	TAM 110	TAMU	51.3	42.5	49.9	57.5
28	TAM 111	TAMU	44.4	38.7	46.4	61.3
7	TAM 112	TAMU	54.6	42.8	51.7	58.8
8	TAM 304	TAMU	53.6	44.0	-	59.2
39	TAM W-101	TAMU	33.2	31.7	37.7	59.4
3	TAM 203	TAMU	60.5	-	-	58.9
17	TX01V6008	TAMU	48.8	-	-	60.5
14	TX03M1096	TAMU	50.6	-	-	57.3
13	TX99A0153-1	TAMU	51.1	-	-	59.2
38	Winmaster	Abilene Ag	34.5	-	-	60.6

Mean 47.5 39.8 47.2 60.3
CV (%) 12.5
LSD (5%) 9.7

* experimental wheat breeding line

† yield average for 2005 and 2007

‡ yield average for 2004, 2005, and 2007 (data was not available for 2006)

Uniform Wheat Variety Trial - Electra, Hard Wheat 2007

2007 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2007	2-Year †	3-Year ‡	2007
1	AP 04T8211*	AgriPro	63.3	-	-	58.8
29	AP 04TA9029*	AgriPro	45.2	-	-	61.6
2	Bullet	OSU	61.9	39.4	-	62.8
18	Coronado	AgriPro	48.4	27.9	27.5	61.2
31	Cutter	AgriPro	44.0	27.4	34.1	60.6
38	Cutter 105	AgriPro	38.3	-	-	59.9
37	Cutter 120	AgriPro	39.6	-	-	60.5
36	Cutter 15	AgriPro	40.3	-	-	59.5
30	Cutter 30	AgriPro	44.9	-	-	59.9
24	Cutter 45	AgriPro	47.1	30.8	-	59.9
17	Cutter 75	AgriPro	49.7	-	-	59.4
27	Cutter 90	AgriPro	45.3	32.2	-	59.4
32	Deliver	OSU	43.2	22.6	27.1	61.3
33	Doans	AgriPro	42.4	27.1	30.3	62.5
3	Dumas	AgriPro	61.6	37.3	39.3	61.9
11	Duster	OSU	52.1	32.6	-	60.8
16	Endurance	OSU	49.8	33.9	36.0	60.1
13	Fannin	AgriPro	51.4	28.7	29.5	59.9
12	Fuller	KSU	52.0	34.1	-	58.4
22	Guymon (white)	OSU	47.6	28.6	-	62.5
40	HG-9	Hardeman Grain	32.3	16.6	22.5	60.5
26	Jagalene	AgriPro	46.0	31.8	32.1	59.8
35	Jagger	KSU	40.5	29.6	34.6	57.4
19	Kojack	AgriPro	48.3	-	-	59.8
25	Longhorn	AgriPro	47.0	25.1	25.9	60.1
34	Neosho	AgriPro	40.9	26.0	-	59.5
5	Overley	KSU	55.9	34.8	41.3	58.2
6	Santa Fe	Westbred	55.7	36.3	-	59.2
20	Shocker	Westbred	47.9	-	-	59.9
14	Sturdy 2K	TAMU	50.6	30.4	32.4	59.4
28	TAM 110	TAMU	45.3	30.6	28.1	57.3
23	TAM 111	TAMU	47.1	27.8	32.9	61.3
10	TAM 112	TAMU	52.4	35.2	35.4	58.4
15	TAM 304	TAMU	50.4	32.2	39.0	59.4
21	TAM W-101	TAMU	47.8	27.7	29.5	59.6
9	TAM 203	TAMU	54.8	34.0	-	58.1
7	TX01V6008	TAMU	55.2	35.5	-	60.8
4	TX03M1096	TAMU	56.6	-	-	58.8
8	TX99A0153-1	TAMU	55.0	-	-	59.6
39	Winmaster	Abilene Ag	33.9	-	-	60.9

Mean	48.4	30.6	32.1	60.0
CV (%)	11.0			
LSD (5%)	8.7			

* experimental wheat breeding line

† yield average for 2006 and 2007

‡ yield average for 2005, 2006, and 2007

Uniform Wheat Variety Trial - Knox County, Hard Wheat 2007 (Agri-Pro)

2007 Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2007	2-Year †	2007
5	AP04T8211*	AgriPro	48.7	-	57.0
6	Bullet	OSU	48.7	-	57.6
7	Coronado	AgriPro	47.7	44.4	57.7
12	Cutter	AgriPro	45.9	49.1	55.1
29	Cutter 105	AgriPro	40.1	-	55.8
32	Cutter 120	AgriPro	39.2	-	55.4
38	Cutter 15	AgriPro	34.7	-	54.4
30	Cutter 30	AgriPro	39.3	-	56.3
33	Cutter 45	AgriPro	38.7	-	56.4
15	Cutter 75	AgriPro	45.3	-	56.4
27	Cutter 90	AgriPro	40.7	-	55.9
21	Deliver	OSU	43.0	44.4	57.4
13	Doans	AgriPro	45.5	-	59.8
2	Dumas	AgriPro	50.5	53.2	58.6
16	Duster	OSU	45.0	-	56.1
25	Endurance	OSU	41.2	43.9	56.0
14	Fannin	AgriPro	45.5	51.7	58.4
4	Fuller	KSU	49.7	-	57.4
34	Guymon	OSU	37.0	-	56.4
36	HG-9	Hardeman Grain	35.6	38.0	57.8
19	Jagalene	AgriPro	43.3	49.0	55.3
28	Jagger	KSU	40.6	43.9	54.1
20	Kojak	AgriPro	43.2	-	54.3
23	Longhorn	AgriPro	41.4	40.1	55.9
26	Neosho	AgriPro	41.0	42.3	55.8
11	Overley	KSU	46.0	54.5	56.8
9	Santa Fe	Westbred	46.6	-	55.0
3	Shocker	Westbred	50.2	-	55.6
37	Strudy 2K	TAMU	35.3	41.4	56.5
24	TAM 101	TAMU	41.2	-	54.8
39	TAM 110	TAMU	31.2	33.4	54.5
35	TAM 111	TAMU	36.9	49.8	53.0
18	TAM 112	TAMU	43.9	43.6	56.5
17	TAM 203	TAMU	44.1	-	55.1
1	TAM 304	TAMU	53.9	-	55.2
10	TX01V6008*	TAMU	46.4	-	56.1
22	TX03M1096*	TAMU	42.1	-	55.6
8	TX99A0153-1*	TAMU	46.8	-	51.6
31	Winmaster	Abilene Ag	39.3	-	57.6

Mean	43.0	45.2	56.0
CV (%)	11.9		
LSD (5%)	8.4		

* experimental wheat breeding line

† yield average for 2005 and 2007

Uniform Wheat Variety Trial - Vernon Dryland, Hard Wheat 2007 (Agri-Pro)

2007 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2007	2-Year [†]	3-Year [‡]	2007
1	AP04T8211*	AgriPro	68.2	-	-	57.0
15	Bullet	OSU	54.1	39.4	-	57.6
16	Coronado	AgriPro	53.8	36.1	40.1	57.7
28	Cutter	AgriPro	46.7	36.4	43.5	55.1
36	Cutter 105	AgriPro	41.9	-	-	55.8
33	Cutter 120	AgriPro	43.7	-	-	55.4
39	Cutter 15	AgriPro	40.3	-	-	54.4
37	Cutter 30	AgriPro	41.6	-	-	56.3
31	Cutter 45	AgriPro	45.1	38.1	-	56.4
35	Cutter 75	AgriPro	42.4	-	-	56.4
34	Cutter 90	AgriPro	42.6	30.1	-	55.9
18	Deliver	OSU	52.6	35.8	43.1	57.4
24	Doans	AgriPro	49.5	36.0	-	59.8
17	Dumas	AgriPro	53.5	39.3	43.4	58.6
4	Duster	OSU	63.4	45.1	-	56.1
14	Endurance	OSU	54.4	39.3	48.6	56.0
11	Fannin	AgriPro	57.9	42.3	47.6	58.4
3	Fuller	KSU	64.0	45.0	-	57.4
27	Guymon	OSU	48.0	33.3	-	56.4
26	HG-9	Hardeman Grain	49.3	35.1	37.7	57.8
30	Jagalene	AgriPro	45.2	35.6	44.1	55.3
19	Jagger	KSU	51.9	35.4	45.8	54.1
21	Kojak	AgriPro	51.8	32.8	-	54.3
38	Longhorn	AgriPro	41.2	30.3	36.4	55.9
29	Neosho	AgriPro	45.3	32.4	41.1	55.8
8	Overley	KSU	59.1	42.2	50.3	56.8
13	Santa Fe	Westbred	55.0	38.2	-	55.0
9	Shocker	Westbred	58.9	-	-	55.6
32	Strudy 2K	TAMU	44.4	34.9	47.3	56.5
22	TAM 101	TAMU	51.7	-	-	54.8
20	TAM 110	TAMU	51.8	39.0	43.2	54.5
23	TAM 111	TAMU	51.1	37.0	44.5	53.0
12	TAM 112	TAMU	56.5	44.4	48.6	56.5
7	TAM 203	TAMU	60.0	44.0	-	55.1
6	TAM 304	TAMU	62.8	44.6	-	55.2
5	TX01V6008*	TAMU	63.3	-	-	56.1
2	TX03M1096*	TAMU	64.8	-	-	55.6
10	TX99A0153-1*	TAMU	58.5	-	-	51.6
25	Winmaster	Abilene Ag	49.5	-	-	57.6

Mean	52.5	37.0	44.1	56.3
CV (%)	8.6			
LSD (5%)	7.3			

* experimental wheat breeding line

[†] yield average for 2006 and 2007

[‡] yield average for 2005, 2006, and 2007

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

2007 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2007	2-Year [†]	3-Year [‡]	2007
1	AP04T8211*	AgriPro	70.2	-	-	57.0
11	Bullet	OSU	57.1	56.1	-	57.6
16	Coronado	AgriPro	50.4	43.8	50.1	57.7
33	Cutter	AgriPro	33.7	45.4	57.0	55.1
36	Cutter 105	AgriPro	32.3	-	-	55.8
30	Cutter 120	AgriPro	34.8	-	-	55.4
39	Cutter 15	AgriPro	29.6	-	-	54.4
32	Cutter 30	AgriPro	33.9	-	-	56.3
29	Cutter 45	AgriPro	36.0	44.2	-	56.4
35	Cutter 75	AgriPro	32.4	-	-	56.4
34	Cutter 90	AgriPro	33.4	45.6	-	55.9
9	Deliver	OSU	58.7	56.9	58.7	57.4
18	Doans	AgriPro	48.1	46.4	-	59.8
13	Dumas	AgriPro	55.5	53.8	55.2	58.6
17	Duster	OSU	49.6	51.5	-	56.1
15	Endurance	OSU	54.2	54.3	58.5	56.0
8	Fannin	AgriPro	59.8	47.4	55.0	58.4
7	Fuller	KSU	60.0	53.9	-	57.4
23	Guymon	OSU	44.2	45.5	-	56.4
24	HG-9	Hardeman Grain	44.0	43.4	49.7	57.8
37	Jagalene	AgriPro	32.0	40.5	48.6	55.3
27	Jagger	KSU	40.7	43.3	53.5	54.1
31	Kojak	AgriPro	34.1	38.4	-	54.3
28	Longhorn	AgriPro	39.6	39.3	43.6	55.9
38	Neosho	AgriPro	29.9	38.8	51.3	55.8
4	Overley	KSU	63.0	58.5	60.3	56.8
10	Santa Fe	Westbred	58.2	53.4	-	55.0
3	Shocker	Westbred	64.9	-	-	55.6
25	Strudy 2K	TAMU	42.9	46.3	55.3	56.5
20	TAM 101	TAMU	47.9	-	-	54.8
22	TAM 110	TAMU	44.8	47.5	51.2	54.5
21	TAM 111	TAMU	46.0	49.5	60.3	53.0
6	TAM 112	TAMU	60.7	58.1	59.6	56.5
5	TAM 203	TAMU	62.8	52.2	-	55.1
14	TAM 304	TAMU	55.5	50.1	-	55.2
12	TX01V6008*	TAMU	55.9	-	-	56.1
2	TX03M1096*	TAMU	65.6	-	-	55.6
19	TX99A0153-1*	TAMU	48.0	-	-	51.6
26	Winmaster	Abilene Ag	40.9	-	-	57.6

Mean	47.5	48.3	54.2	56.0
CV (%)	10.0			
LSD (5%)	7.8			

* experimental wheat breeding line

[†] yield average for 2006 and 2007

[‡] yield average for 2005, 2006, and 2007

Uniform Wheat Variety Trial - Wichita County, Hard Wheat 2007 (Agri-Pro)

2007 Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2007	2-Year †	2007
1	AP04T8211*	AgriPro	71.9	-	57.0
11	Bullet	OSU	55.4	-	57.6
15	Coronado	AgriPro	51.6	33.3	57.7
29	Cutter	AgriPro	35.6	32.3	55.1
32	Cutter 105	AgriPro	35.0	-	55.8
30	Cutter 120	AgriPro	35.5	-	55.4
39	Cutter 15	AgriPro	22.3	-	54.4
37	Cutter 30	AgriPro	30.9	-	56.3
34	Cutter 45	AgriPro	32.8	-	56.4
35	Cutter 75	AgriPro	32.2	-	56.4
26	Cutter 90	AgriPro	38.1	-	55.9
10	Deliver	OSU	56.1	33.0	57.4
19	Doans	AgriPro	49.6	-	59.8
13	Dumas	AgriPro	52.9	33.0	58.6
16	Duster	OSU	51.5	-	56.1
12	Endurance	OSU	54.3	33.2	56.0
6	Fannin	AgriPro	60.4	33.2	58.4
8	Fuller	KSU	59.5	-	57.4
31	Guymon	OSU	35.3	-	56.4
21	HG-9	Hardeman Grain	43.4	32.2	57.8
38	Jagalene	AgriPro	30.9	34.4	55.3
23	Jagger	KSU	40.3	31.7	54.1
25	Kojak	AgriPro	38.5	-	54.3
27	Longhorn	AgriPro	37.8	32.4	55.9
36	Neosho	AgriPro	31.3	33.6	55.8
3	Overley	KSU	67.0	35.0	56.8
18	Santa Fe	Westbred	50.9	-	55.0
7	Shocker	Westbred	60.3	-	55.6
20	Strudy 2K	TAMU	48.4	34.2	56.5
28	TAM 101	TAMU	37.8	-	54.8
33	TAM 110	TAMU	34.6	33.8	54.5
22	TAM 111	TAMU	42.0	32.0	53.0
4	TAM 112	TAMU	65.8	34.9	56.5
5	TAM 203	TAMU	65.0	-	55.1
9	TAM 304	TAMU	58.0	-	55.2
17	TX01V6008*	TAMU	51.3	-	56.1
2	TX03M1096*	TAMU	67.1	-	55.6
14	TX99A0153-1*	TAMU	51.9	-	51.6
24	Winmaster	Abilene Ag	38.8	-	57.6

Mean	47.0	33.3	56.0
CV (%)	8.6		
LSD (5%)	6.6		

* experimental wheat breeding line

† yield average for 2005 and 2007

Uniform Wheat Variety Trial - Young County, Hard Wheat 2007 (Agri-Pro)

2007 Rank	Variety	Source	Grain Yield	Test Weight
			(bu/ac)	(lb/bu)
			2007	2007
2	AP04T8211*	AgriPro	50.3	57.0
1	Bullet	OSU	53.0	57.6
8	Coronado	AgriPro	47.0	57.7
24	Cutter	AgriPro	40.1	55.1
27	Cutter 105	AgriPro	38.4	55.8
28	Cutter 120	AgriPro	38.4	55.4
39	Cutter 15	AgriPro	31.8	54.4
30	Cutter 30	AgriPro	37.7	56.3
34	Cutter 45	AgriPro	36.8	56.4
33	Cutter 75	AgriPro	36.9	56.4
25	Cutter 90	AgriPro	38.9	55.9
22	Deliver	OSU	41.3	57.4
16	Doans	AgriPro	45.3	59.8
21	Dumas	AgriPro	44.2	58.6
4	Duster	OSU	50.1	56.1
9	Endurance	OSU	46.6	56.0
18	Fannin	AgriPro	44.7	58.4
11	Fuller	KSU	45.9	57.4
13	Guymon	OSU	45.8	56.4
35	HG-9	Hardeman Grain	36.7	57.8
38	Jagalene	AgriPro	32.6	55.3
26	Jagger	KSU	38.5	54.1
17	Kojak	AgriPro	44.9	54.3
37	Longhorn	AgriPro	34.4	55.9
20	Neosho	AgriPro	44.5	55.8
29	Overley	KSU	38.1	56.8
5	Santa Fe	Westbred	50.0	55.0
7	Shocker	Westbred	48.2	55.6
31	Strudy 2K	TAMU	37.4	56.5
10	TAM 101	TAMU	46.5	54.8
36	TAM 110	TAMU	34.8	54.5
19	TAM 111	TAMU	44.6	53.0
14	TAM 112	TAMU	45.6	56.5
23	TAM 203	TAMU	40.4	55.1
15	TAM 304	TAMU	45.6	55.2
6	TX01V6008*	TAMU	49.5	56.1
12	TX03M1096*	TAMU	45.9	55.6
3	TX99A0153-1*	TAMU	50.2	51.6
32	Winmaster	Abilene Ag	37.0	57.6

Mean	42.6	56.0
CV (%)	7.4	
LSD (5%)	5.1	

* experimental wheat breeding line

Averages for previous years from this location were not available.

Blacklands – 2007

Uniform Wheat Variety Trials

<http://varietytesting.tamu.edu>

Russell Sutton, Assistant Research Scientist – Dallas
Gaylon Morgan, TCE State Small Grains Specialist – College Station
Jim Swart, Don Reid - Texas A&M-Commerce
Jackie Rudd, Wheat Breeder – Amarillo
Ravindra Devkota, Assistant Research Scientist – Amarillo
Ben McKay, Daniel Hathcoat, 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: This Uniform Wheat Variety Trial (UWVT) evaluated both hard and soft wheat varieties within the same trial. This research is coordinated and implemented by numerous TCE and TAES faculty and staff from Amarillo, Dallas, College Station, and Commerce. Dr. David Worrall with Agri-Pro Wheat is also a key collaborator and contributed data from the Hillsboro location. We greatly appreciate the cooperation of Bob Beakley at the Ellis County location. The hard wheat UWVT was planted at 5 locations within the Blacklands and the soft wheat UWVT was planted at 4 locations. Below is a table describing the predominant issues that affected the 2006-07 wheat crop at each location.

Location	Issues
Ellis County	Moderate leaf rust (late) and some powdery mildew.
Greenville	Not harvested due to prolonged wet conditions after maturation.
Hillsboro	Low to moderate leaf rust (late) and some powdery mildew.
McGregor	Not harvested due to hail.
Prosper	Low to moderate leaf rust (late) and heavy powdery mildew.

Rankings: The rankings assigned to the varieties on the following pages were determined by 2007 grain yields across the area. 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 - Ellis County, Hard Wheat 2007

2007 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)	
			2007	2-Year [†]	3-Year [‡]	2007	
1	AP 04T8211*	AgriPro	67.6	-	-		
37	AP 04TA9029*	AgriPro	29.2	-	-	55	
16	Blend 1	(2145, Coronado, Fannin)	51.2	-	-	58	
26	Blend 2	(Fannin, Cutter, Sturdy 2K)	43.0	-	-	56	
20	Blend 3	(TAM 111, Coronado, Fannin)	48.0	-	-	58	
13	Bullet	OSU	51.9	-	-	57	
5	Coronado	AgriPro	56.4	56.2	54.0	58	
38	Cutter	AgriPro	27.0	31.0	36.0	54	
19	Deliver	OSU	48.7	52.9	-	58	
22	Doans	AgriPro	47.1	49.6	-	59	
7	Dumas	AgriPro	56.2	53.6	54.7	59	
18	Duster	OSU	49.5	-	-	57	
23	Endurance	OSU	46.6	52.8	-	56	
9	Fannin @ 30 lb/a	AgriPro	54.4	-	-	59	
14	Fannin @ 45 lb/a	AgriPro	51.7	-	-	60	
8	Fannin @ 60 lb/a	AgriPro	55.0	-	-	59	
4	Fannin @ 75 lb/a	AgriPro	61.5	63.3	61.0	60	
3	Fuller	KSU	62.6	-	-	59	
39	Guymon	OSU	25.9	-	-	51	
33	Jagalene	AgriPro	33.2	32.1	38.4	56	
35	Jagger	KSU	31.9	34.5	38.3	52	
29	Kojack	AgriPro	40.0	-	-	57	
31	Longhorn	AgriPro	36.2	40.6	37.6	57	
27	Mit	TAMU	40.9	-	-	56	
28	Neosho	AgriPro	40.3	-	-	55	
30	Ogallala	AgriPro	39.7	45.9	44.0	55	
11	Overley	KSU	53.5	50.8	51.2	57	
15	Santa Fe	Westbred	51.5	-	-	56	
6	Shocker	Westbred	56.3	-	-	56	
12	Sturdy 2K	TAMU	53.0	54.0	52.5	57	
40	TAM 110	TAMU	25.7	28.9	34.3	52	
32	TAM 111	TAMU	34.2	44.1	46.1	55	
25	TAM 112	TAMU	43.3	41.2	-	56	
2	TAM 203	TAMU	65.1	-	-	56	
17	TAM 304	TAMU	50.0	-	-	55	
36	TAM W101	TAMU	31.8	33.9	33.6	56	
21	TX01V6008*	TAMU	47.7	-	-	56	
10	TX03M1096*	TAMU	54.0	-	-	55	
24	TX99A0153-1*	TAMU	44.4	-	-	55	
34	Winmaster	Abilene Ag	32.5	-	-	56	
			Mean	45.8	45.0	44.7	56.4
			CV (%)	11.3			
			LSD (5%)	8.4			

* experimental wheat breeding line

† yield average for 2005 and 2007

‡ yield average for 2004, 2005, and 2007

Uniform Wheat Variety Trial - Hillsboro, Hard Wheat 2007 (Agri-Pro)

2007 Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2007	2-Year [†]	2007
1	AP04T8211*	AgriPro	51.9	-	57.0
12	Bullet	OSU	39.4	35.5	57.6
7	Coronado	AgriPro	43.7	37.9	57.7
29	Cutter	AgriPro	14.1	16.6	55.1
13	Deliver	OSU	39.3	36.3	57.4
3	Doans	AgriPro	47.0	40.2	59.8
10	Dumas	AgriPro	42.9	36.0	58.6
16	Duster	OSU	38.0	36.6	56.1
17	Endurance	OSU	35.4	32.0	56.0
11	Fannin	AgriPro	42.6	36.8	58.4
8	Fuller	KSU	43.3	40.0	57.4
30	Guymon	OSU	14.1	18.0	56.4
27	Jagalene	AgriPro	19.6	17.4	55.3
20	Jagger	KSU	27.5	23.6	54.1
22	Kojak	AgriPro	27.0	28.5	54.3
26	Longhorn	AgriPro	21.8	22.5	55.9
24	Neosho	AgriPro	23.5	21.8	55.8
14	Overley	KSU	39.3	32.9	56.8
18	Santa Fe	Westbred	33.6	31.7	55.0
9	Shocker	Westbred	43.2	-	55.6
15	Sturdy 2K	TAMU	38.6	34.0	56.5
28	TAM 101	TAMU	17.5	-	54.8
25	TAM 110	TAMU	23.3	21.2	54.5
21	TAM 111	TAMU	27.1	26.6	53.0
6	TAM 112	TAMU	43.8	39.6	56.5
5	TAM 203	TAMU	45.1	-	55.1
4	TAM 304	TAMU	45.1	39.0	55.2
19	TX01V6008*	TAMU	29.8	-	56.1
2	TX03M1096*	TAMU	49.0	-	55.6
23	TX99A0153-1*	TAMU	26.0	-	51.6

Mean	32.9	30.6	56.0
CV (%)	11.5		
LSD (5%)	6.2		

* experimental wheat breeding line

[†] yield average for 2006 and 2007

Uniform Wheat Variety Trial - Prosper, Hard Wheat 2007

2007 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2007	2-Year [†]	3-Year [‡]	2007
8	AP 04T8211*	AgriPro	72.2	-	-	
40	AP 04TA9029*	AgriPro	39.2	-	-	55
16	Blend 1	(2145, Coronado, Fannin)	67.7	-	-	58
20	Blend 2	(Fannin, Cutter, Sturdy 2K)	65.9	-	-	56
17	Blend 3	(TAM 111, Coronado, Fannin)	67.2	-	-	58
27	Bullet	OSU	59.8	-	-	57
21	Coronado	AgriPro	64.9	64.0	57.8	58
25	Cutter	AgriPro	61.5	60.8	59.7	54
24	Deliver	OSU	61.6	64.3	-	58
4	Doans (AP4342)	AgriPro	76.2	76.1	-	59
7	Dumas	AgriPro	73.1	56.1	55.7	59
18	Duster	OSU	67.2	-	-	57
15	Endurance	OSU	68.0	67.0	-	56
5	Fannin @ 30 lb/a	AgriPro	76.1	-	-	59
2	Fannin @ 45 lb/a	AgriPro	79.3	-	-	60
3	Fannin @ 60 lb/a	AgriPro	77.1	-	-	59
13	Fannin @ 75 lb/a	AgriPro	68.6	68.8	66.5	60
1	Fuller	KSU	90.3	-	-	59
34	Guymon	OSU	52.4	-	-	51
31	Jagalene	AgriPro	55.9	53.0	54.7	56
33	Jagger	KSU	53.5	49.3	45.6	52
30	Kojack (AP7525)	AgriPro	56.0	-	-	57
37	Longhorn	AgriPro	49.2	50.6	49.2	57
35	Mit	TAMU	51.4	-	-	56
28	Neosho	AgriPro	56.8	-	-	55
36	Ogallala	AgriPro	49.5	55.3	57.5	55
6	Overley	KSU	75.3	68.2	65.3	57
14	Santa Fe	Westbred	68.3	-	-	56
11	Shocker	Westbred	69.3	-	-	56
26	Sturdy 2K	TAMU	61.1	62.1	58.0	57
12	TAM 110	TAMU	68.7	55.9	51.6	52
23	TAM 111	TAMU	62.3	64.2	61.2	55
19	TAM 112	TAMU	66.2	56.1	-	56
32	TAM 203	TAMU	55.4	-	-	56
9	TAM 304	TAMU	71.7	67.9	-	55
39	TAM W101	TAMU	45.9	46.5	42.9	56
29	TX01V6008*	TAMU	56.5	-	-	56
10	TX03M1096*	TAMU	69.8	-	-	55
22	TX99A0153-1*	TAMU	63.7	-	-	55
38	Winmaster	Abilene Ag	48.7	-	-	56
Mean			63.6	60.3	55.8	56.4
CV (%)			10.2			
LSD (5%)			10.6			

* experimental wheat breeding line

† yield average for 2005 and 2007

‡ yield average for 2004, 2005, and 2007

Uniform Wheat Variety Trial - Ellis Co., Soft Wheat 2007

2007 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2007	2-Year †	3-Year ‡	2007
20	AGS 2010	UGA	62.1	-	-	
19	AGS 2485	UGA	63.1	-	-	57.6
9	Coker 9553	Agri-Pro	72.4	59.6	64.4	58.5
30	Coker 9663	Agri-Pro	48.6	47.4	-	53.5
14	Coker 9700	Agri-Pro	69.1	58.4	-	57.6
17	Crawford	Agri-Pro	66.0	56.3	58.8	57.7
11	DK GR 9108	Delta King	70.3	60.1	-	56.5
25	Fannin*	Agri-Pro	60.0	54.8	58.2	59.1
7	GA 951231-4E25 [♦]	UGA	74.7	-	-	57.6
10	GA 951231-4E26 [♦]	UGA	72.0	-	-	58.1
2	GA 951567-4A35 [♦]	UGA	82.3	-	-	54.6
24	GA 96693-4E16 [♦]	UGA	60.3	-	-	57.8
22	HBK 3266	Hornbeck	61.3	58.4	56.6	56.3
6	LA 95135 [♦]	LSU	75.0	-	-	56.7
15	Magnolia	Agri-Pro	69.0	-	-	56.6
28	Mason	Agri-Pro	55.3	48.0	48.7	54.3
26	MBS 327	MBS	58.0	-	-	55.6
29	Pioneer 25R37	Pioneer	51.1	42.8	46.5	56.5
5	Pioneer 25R47	Pioneer	75.7	61.4	66.6	54.5
8	Pioneer 25R56	Pioneer	72.8	56.4	-	56.3
27	Sturdy 2K*	TAMU	57.5	52.4	53.3	58.3
18	TAM 304* ** [♦]	TAMU	64.6	65.3	-	54.7
12	Terral LA 482	Terral Seed	69.9	-	-	55.5
23	Terral LA 841	Terral Seed	61.3	49.6	-	55.6
21	Terral TV8331	Terral Seed	61.7	-	-	54.1
16	Terral TV8466	Terral Seed	67.0	55.5	58.6	56.3
3	Terral TV8558	Terral Seed	77.6	59.7	-	57.4
13	Terral TVX81170	Terral Seed	69.4	-	-	56.3
4	USG 3209	UniSouth Genetics	76.6	63.4	63.2	55.8
1	USG 3295	UniSouth Genetics	84.4	-	-	57.7

Mean	67	55.8	57.5	56.5
CV (%)	9.1			
LSD (5%)	9.9			

[♦] Experimental Lines

* Hard wheat varieties

** 2 year average for 2005 and 2007

† yield average for 2006 and 2007

‡ yield average for 2005, 2006, and 2007

Uniform Wheat Variety Trial - Prosper, Soft Wheat 2007

2007 Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2007	2-Year [†]	2007
11	AGS 2010	UGA	75.9	-	58.0
28	AGS 2485	UGA	59.7	-	58.7
26	Coker 9553	Agri-Pro	65.7	69.4	57.4
8	Coker 9663	Agri-Pro	77.0	-	57.1
25	Coker 9700	Syngenta	65.8	-	57.6
19	Crawford	Agri-Pro	72.8	72.9	57.4
27	DK GR 9108	Delta King	65.2	-	55.4
14	Fannin*	Agri-Pro	74.5	71.8	59.3
13	GA 951231-4E25 [♦]	UGA	75.7	-	55.9
3	GA 951231-4E26 [♦]	UGA	81.0	-	56.7
5	GA 951567-4A35 [♦]	UGA	80.7	-	55.9
24	GA 96693-4E16 [♦]	UGA	66.6	-	55.1
18	HBK 3266	Hornbeck	73.2	68.1	56.7
7	LA 95135 [♦]	LSU	78.3	-	56.2
20	Magnolia	Agri-Pro	70.8	-	56.1
21	Mason	Agri-Pro	70.5	65.8	55.6
15	MBS 327	MBS	74.5	-	55.7
22	Pioneer 25R37	Pioneer	67.1	64.6	56.9
17	Pioneer 25R47	Pioneer	74.5	74.8	53.6
4	Pioneer 25R56	Pioneer	80.8	-	55.2
29	Sturdy 2K*	TAMU	59.5	61.3	56.9
9	TAM 304* [♦]	TAMU	77.0	70.5	54.6
12	Terral LA 482	Terral Seed	75.9	-	56.1
23	Terral LA 841	Terral Seed	66.7	-	56.1
30	Terral TV8331	Terral Seed	52.6	-	53.9
10	Terral TV8466	Terral Seed	76.2	69.1	55.2
1	Terral TV8558	Terral Seed	88.4	-	56.9
16	Terral TVX81170	Terral Seed	74.5	-	55.4
6	USG 3209	UniSouth Genetics	78.9	74.5	56.7
2	USG 3295	UniSouth Genetics	85.4	-	56.7

Mean 72.9 69.3 56.3

CV (%) 8.2

LSD (5%) 9.7

[♦] Experimental Lines

* Hard Wheat

[†] yield average for 2005 and 2007 (Location was not harvested in 2006)

Three year averages were not available.

South Texas – 2007

Uniform Wheat Variety Trials

<http://varietytesting.tamu.edu>

Gaylon Morgan, TCE State Small Grains Specialist – College Station
Giovanni Piccinni, Stress Physiology - Uvalde
Jackie Rudd, Wheat Breeder – Amarillo
Ravindra Devkota, Assistant Research Scientist – Amarillo
Jerry Kidd, CEA – McCulloch County
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 College Station, Uvalde, and Amarillo. We greatly appreciate the cooperation of David and Mary Holubec at the Brady location. In South Texas, three locations of the UWVT trials were planted: Brady, Castroville, Luling, and Uvalde. Below is a table describing the predominant issues that affected the 2006-07 wheat crop at each location.

Location	Issues
Brady (data not reported)	Severe yield loss due to late spring freeze; some Hessian fly
Castroville	Moderate leaf rust pressure; bacteria blight
Luling	Moderate leaf rust pressure; bacteria blight
Uvalde	Moderate leaf rust pressure

Rankings: The rankings assigned to the varieties on the following pages were determined by 2007 grain yields at each individual location. Where two varieties yielded the same, test weight was used as a tiebreaker.

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



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Uniform Wheat Variety Trial - Castroville, Hard Wheat 2007

2007 Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2007	2-Year †	2007
4	AP 04T8211*	AgriPro	52.3	-	55.8
29	AP 04TA9029*	AgriPro	38.5	-	53.5
14	Blend 1	(2145, Coronado, Fannin)	44.8	-	57.1
26	Blend 2	(Fannin, Cutter, Sturdy 2K)	40.1	-	56.8
20	Blend 3	(TAM 111, Coronado, Fannin)	42.9	-	57.5
9	Bullet	OSU	45.6	-	56.2
18	Coronado	AgriPro	43.3	-	56.8
38	Cutter	AgriPro	32.9	44.5	54.5
35	Deliver	OSU	36.0	38.6	56.3
7	Doans	AgriPro	48.4	-	57.7
3	Dumas	AgriPro	52.6	-	57.6
19	Duster	OSU	43.3	-	53.9
28	Endurance	OSU	39.5	43.7	54.6
22	Fannin	AgriPro	41.5	43.9	58.7
12	Fannin @ 30 lb/a	AgriPro	44.9	-	58.6
8	Fannin @ 45 lb/a	AgriPro	45.9	-	58.6
27	Fannin @ 60 lb/a	AgriPro	39.9	-	58.6
2	Fuller	KSU	53.2	-	55.1
30	Guymon	OSU	38.4	-	54.5
34	Jagalene	AgriPro	36.5	40.4	54.5
32	Jagger	KSU	37.0	-	55.6
39	Kojack	AgriPro	29.5	-	52.9
31	Longhorn	AgriPro	37.1	38.7	55.0
37	Mit	TAMU	33.2	-	54.7
17	Neosho	AgriPro	43.6	-	54.0
36	Ogallala	AgriPro	35.4	42.1	53.2
21	Overley	KSU	42.9	-	54.9
11	Santa Fe	Westbred	45.4	-	54.4
40	Shocker	Westbred	24.0	-	54.6
16	Sturdy 2K	TAMU	43.9	-	53.4
10	TAM 110	TAMU	45.6	40.6	53.7
23	TAM 111	TAMU	41.2	54.8	55.2
1	TAM 112	TAMU	53.8	-	56.3
5	TAM 203	TAMU	49.9	-	53.2
15	TAM 304	TAMU	44.2	-	53.3
25	TAM W-101	TAMU	41.0	47.6	55.1
24	TX01V6008	TAMU	41.1	-	55.5
13	TX03M1096	TAMU	44.9	-	55.3
6	TX99A0153-1	TAMU	49.0	-	53.6
33	WinMaster	Abilene Ag	36.6	-	57.7

Mean	42.0	43.5	55.5
CV (%)	8.4		
LSD (5%)	5.7		

* experimental wheat breeding line

† yield average for 2005 and 2007

Uniform Wheat Variety Trial - Luling, Hard Wheat 2007 (Agri-Pro)

2007 Rank	Variety	Source	Grain Yield	Test Weight
			(bu/ac)	(lb/bu)
			2007	2007
4	AP04T8211*	AgriPro	41.2	57.0
21	Bullet	OSU	25.1	57.6
12	Coronado	AgriPro	36.8	57.7
26	Cutter	AgriPro	15.1	55.1
9	Deliver	OSU	38.1	57.4
11	Doans	AgriPro	37.0	59.8
14	Dumas	AgriPro	34.5	58.6
16	Duster	OSU	31.8	56.1
19	Endurance	OSU	30.6	56.0
7	Fannin	AgriPro	39.0	58.4
5	Fuller	KSU	41.0	57.4
24	Guymon	OSU	16.7	56.4
29	Jagalene	AgriPro	13.9	55.3
28	Jagger	KSU	14.0	54.1
23	Kojak	AgriPro	19.6	54.3
20	Longhorn	AgriPro	28.8	55.9
30	Neosho	AgriPro	11.5	55.8
6	Overley	KSU	40.2	56.8
8	Santa Fe	Westbred	38.2	55.0
10	Shocker	Westbred	37.1	55.6
15	Sturdy 2K	TAMU	33.3	56.5
18	TAM 101	TAMU	31.2	54.8
27	TAM 110	TAMU	14.8	54.5
25	TAM 111	TAMU	15.6	53.0
13	TAM 112	TAMU	36.5	56.5
1	TAM 203	TAMU	48.5	55.1
3	TAM 304	TAMU	41.7	55.2
17	TX01V6008*	TAMU	31.6	56.1
2	TX03M1096*	TAMU	43.9	55.6
22	TX99A0153-1*	TAMU	24.2	51.6
Mean			28.9	56.0
CV (%)			10.3	
LSD (5%)			4.9	

* experimental wheat breeding line

Averages from previous years at this location were not available

Uniform Wheat Variety Trial - Uvalde (50% Irrigation), Hard Wheat 2007

2007 Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2007	2-Year †	2007
4	AP 04T8211*	AgriPro	52.8	-	57.4
22	AP 04TA9029*	AgriPro	35.5	-	56.7
32	Blend 1	(2145, Coronado, Fannin)	31.5	29.7	56.9
24	Blend 2	(Fannin, Cutter, Sturdy 2K)	34.9	28.2	56.7
23	Blend 3	(TAM 111, Coronado, Fannin)	35.1	30.5	56.9
11	Bullet	OSU	42.8	34.0	57.1
15	Coronado	AgriPro	40.1	33.5	57.6
35	Cutter	AgriPro	28.6	27.1	55.5
14	Deliver	OSU	41.4	27.0	57.3
5	Doans	AgriPro	46.9	36.9	59.6
31	Dumas	AgriPro	31.6	26.4	58.4
17	Duster	OSU	38.4	31.2	57.5
29	Endurance	OSU	32.0	21.4	54.2
27	Fannin	AgriPro	33.9	31.4	59.6
16	Fannin @ 30 lb/a	AgriPro	39.0	-	59.5
18	Fannin @ 45 lb/a	AgriPro	37.7	-	58.6
25	Fannin @ 60 lb/a	AgriPro	34.6	-	58.6
1	Fuller	KSU	58.1	40.8	58.1
30	Guymon	OSU	31.7	24.8	53.9
38	Jagalene	AgriPro	24.6	22.7	54.7
36	Jagger	KSU	26.9	26.2	55.1
9	Kojack	AgriPro	43.7	28.9	56.2
21	Longhorn	AgriPro	35.7	25.9	57.4
26	Mit	TAMU	34.3	32.9	56.2
40	Neosho	AgriPro	21.6	19.6	53.9
19	Ogallala	AgriPro	37.5	29.2	56.6
10	Overley	KSU	43.1	34.9	56.2
8	Santa Fe	Westbred	45.8	37.1	55.9
6	Shocker	Westbred	46.0	-	56.1
13	Sturdy 2K	TAMU	41.9	27.6	56.2
39	TAM 110	TAMU	23.1	23.2	54.0
34	TAM 111	TAMU	29.0	26.9	55.3
33	TAM 112	TAMU	30.2	32.0	57.3
2	TAM 203	TAMU	55.7	43.0	55.8
12	TAM 304	TAMU	42.2	35.4	54.1
28	TAM W-101	TAMU	33.7	27.6	55.5
7	TX01V6008	TAMU	45.8	34.0	56.3
3	TX03M1096	TAMU	55.0	-	55.6
20	TX99A0153-1	TAMU	36.3	-	54.9
37	WinMaster	Abilene Ag	26.1	-	56.9

Mean 37.6 30.0 56.5
CV (%) 13.6
LSD (5%) 8.3

* experimental wheat breeding line

† yield average for 2006 and 2007

‡ yield average for 2005, 2006, and 2007

Uniform Wheat Variety Trial - Uvalde (75% Irrigation), Hard Wheat 2007

2007 Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2007	2-Year †	2007
27	AP 04T8211*	AgriPro	47.0	-	55.4
11	AP 04TA9029*	AgriPro	44.9	-	54.7
26	Blend 1	(2145, Coronado, Fannin)	35.8	34.6	54.1
22	Blend 2	(Fannin, Cutter, Sturdy 2K)	39.4	33.4	53.2
30	Blend 3	(TAM 111, Coronado, Fannin)	34.7	33.3	56.1
7	Bullet	OSU	51.1	42.1	55.7
24	Coronado	AgriPro	37.5	37.4	56.9
36	Cutter	AgriPro	27.4	24.3	55.0
10	Deliver	OSU	46.0	35.0	57.6
17	Doans	AgriPro	41.8	39.0	57.2
14	Dumas	AgriPro	43.3	35.7	59.6
8	Duster	OSU	50.0	43.5	57.3
20	Endurance	OSU	40.4	31.1	54.6
15	Fannin	AgriPro	42.8	36.0	58.8
25	Fannin @ 30 lb/a	AgriPro	36.2	-	58.3
19	Fannin @ 45 lb/a	AgriPro	40.4	-	58.6
23	Fannin @ 60 lb/a	AgriPro	38.9	-	58.6
1	Fuller	KSU	59.8	46.3	57.6
34	Guymon	OSU	28.4	28.7	54.3
33	Jagalene	AgriPro	29.4	24.2	53.7
35	Jagger	KSU	27.6	31.2	54.2
13	Kojack	AgriPro	43.5	34.3	52.4
31	Longhorn	AgriPro	31.6	26.9	57.1
21	Mit	TAMU	39.8	34.3	55.6
38	Neosho	AgriPro	26.2	26.9	52.4
28	Ogallala	AgriPro	35.4	31.7	56.4
4	Overley	KSU	53.0	43.7	58.2
6	Santa Fe	Westbred	51.1	44.3	56.2
9	Shocker	Westbred	48.7	-	55.6
16	Sturdy 2K	TAMU	42.1	32.9	56.1
40	TAM 110	TAMU	17.6	18.6	53.5
39	TAM 111	TAMU	25.3	25.8	54.5
29	TAM 112	TAMU	35.1	36.5	55.8
5	TAM 203	TAMU	52.1	47.9	55.2
12	TAM 304	TAMU	44.2	41.3	53.7
18	TAM W-101	TAMU	40.7	36.3	54.5
2	TX01V6008	TAMU	55.7	44.6	55.4
3	TX03M1096	TAMU	54.4	-	55.5
32	TX99A0153-1	TAMU	30.0	-	55.4
37	WinMaster	Abilene Ag	26.9	-	56.3

Mean	39.9	34.9	55.8
CV (%)	15.9		
LSD (5%)	10.1		

* experimental wheat breeding line

† yield average for 2006 and 2007

‡ yield average for 2005, 2006, and 2007

Uniform Wheat Variety Trial - Uvalde (100% Irrigation), Hard Wheat 2007

2007 Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2007	2-Year †	2007
3	AP 04T8211*	AgriPro	54.8	-	56.9
22	AP 04TA9029*	AgriPro	41.5	-	54.6
23	Blend 1	(2145, Coronado, Fannin)	41.4	40.6	57.7
25	Blend 2	(Fannin, Cutter, Sturdy 2K)	40.0	39.7	58.5
21	Blend 3	(TAM 111, Coronado, Fannin)	42.5	41.8	57.5
9	Bullet	OSU	48.0	44.9	56.7
11	Coronado	AgriPro	45.2	45.6	57.8
31	Cutter	AgriPro	35.7	34.4	52.8
19	Deliver	OSU	42.7	35.6	57.4
27	Doans	AgriPro	39.3	41.6	58.2
5	Dumas	AgriPro	50.8	44.8	58.3
18	Duster	OSU	42.7	38.4	58.8
24	Endurance	OSU	41.0	36.1	51.6
16	Fannin	AgriPro	44.0	39.5	57.7
17	Fannin @ 30 lb/a	AgriPro	43.0	-	58.2
32	Fannin @ 45 lb/a	AgriPro	35.4	-	58.6
13	Fannin @ 60 lb/a	AgriPro	45.1	-	58.6
7	Fuller	KSU	50.3	48.1	55.2
33	Guymon	OSU	34.1	34.0	54.3
36	Jagalene	AgriPro	32.6	31.8	53.0
37	Jagger	KSU	30.7	34.1	54.0
12	Kojack	AgriPro	45.2	42.3	51.3
34	Longhorn	AgriPro	33.8	34.4	53.0
28	Mit	TAMU	37.8	38.8	56.3
35	Neosho	AgriPro	32.8	31.9	52.6
14	Ogallala	AgriPro	44.9	42.5	56.1
10	Overley	KSU	46.7	45.6	56.9
8	Santa Fe	Westbred	50.2	45.6	56.5
4	Shocker	Westbred	53.1	-	54.6
15	Sturdy 2K	TAMU	44.2	42.5	56.2
38	TAM 110	TAMU	30.7	29.1	53.0
39	TAM 111	TAMU	25.9	31.0	54.7
29	TAM 112	TAMU	36.3	42.1	57.1
1	TAM 203	TAMU	57.3	53.7	56.7
6	TAM 304	TAMU	50.4	48.0	55.3
26	TAM W-101	TAMU	39.9	39.0	54.4
20	TX01V6008	TAMU	42.7	36.3	55.2
2	TX03M1096	TAMU	56.8	-	57.4
30	TX99A0153-1	TAMU	35.7	-	55.4
40	WinMaster	Abilene Ag	24.1	-	54.6

Mean 41.7 39.8 55.8
CV (%) 13.8
LSD (5%) 9.4

* experimental wheat breeding line

† yield average for 2006 and 2007

‡ yield average for 2005, 2006, and 2007