

# South Texas – 2005

## Uniform Wheat Variety Trials

**Gaylon Morgan, TCE Small Grains Specialist – College Station**

**Giovanni Piccinni, Stress Physiology – Uvalde**

**Jackie Rudd, Wheat Breeder – Amarillo**

**Justin Sladek, Extension Assistant – College Station**

**Jacob Shaffer, Graduate Student – College Station**

**Rex Herrington, Research Associate – College Station**

**Jerry Kidd, CEA – McCulloch County**

**Ben McKay, Extension Assistant – College Station**

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

**Overview:** The Uniform Variety Trial (UVT) is coordinated and implemented by numerous TCE and TAES faculty and staff from College Station, Uvalde, and Amarillo. We greatly appreciate the cooperation of David and Mary Holubec at the Brady location. In South Texas, two locations of the UVT were planted, Brady and Uvalde. Below is a table describing the major “issues” that affected the 2004-05 wheat crop at each location.

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

Location	Issues
Uvalde - Irrigated	Leaf rust, stripe rust, dry spring
Brady - Dryland	Leaf rust, Barley Yellow Dwarf Virus, dry spring



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

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

## Uniform Wheat Variety Trial - Uvalde, Irrigated 2005

Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
		2005	2-Year**	2005
2145	KSU	37	51	56.1
2145 + Coronado + Fannin	(blend)	51	-	60.2
Abilene Ag Exp*	Abilene Ag	27	-	58.7
AgriPro 4342*	AgriPro	53	-	60.4
AP 502 CL	AgriPro	32	38	54.5
Cisco	WestBred	29	34	54.8
Coronado	AgriPro	59	54	58.9
Cutter	AgriPro	50	70	57.1
Deliver	OSU	36	-	57.5
Dumas	AgriPro	58	56	58.5
Endurance	OSU	21	-	55.4
Fannin	AgriPro	62	-	60.9
Fannin + Cutter + Sturdy 2K	(blend)	57	-	59.3
HG-9	Hardeman Grain	20	-	57.9
Jagalene	AgriPro	54	62	59.6
Jagger	KSU	56	47	56.6
Lockett	TAMU	34	40	55.0
Longhorn	AgriPro	50	50	57.4
Ogallala	AgriPro	59	65	58.6
OK 101	OSU	20	33	55.5
OK 102	OSU	29	39	56.6
Overley	KSU	50	-	59.6
Stanton	KSU	57	64	58.5
Sturdy 2K	TAMU	39	47	56.8
TAM 105	TAMU	37	39	54.7
TAM 107	TAMU	27	34	54.3
TAM 110	TAMU	22	35	54.2
TAM 110 CL	TAMU	24	35	55.5
TAM 111	TAMU	45	54	59.3
TAM 111 + Cutter + Sturdy 2K	(blend)	45	-	58.1
TAM 112	TAMU	48	-	58.8
TAM 202	TAMU	51	56	56.0
TAM 303	TAMU	63	-	58.0
TAM W-101	TAMU	44	-	56.1
Thunderbolt	AgriPro	32	46	58.3
Trego	KSU	42	52	57.6
TX00D1390*	TAMU	73	-	60.8
TX00V1117*	TAMU	49	-	59.4
TX01D3232*	TAMU	72	-	58.4
TX01M5009*	TAMU	72	-	59.1
	<b>Mean</b>	<b>45</b>	<b>48</b>	<b>57.6</b>

\* experimental variety

\*\* yield average for 2003 and 2005 (no data in 2004)



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

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

## Uniform Wheat Variety Trial - Brady, Dryland 2005

Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
		2005	2-Year**	3-Year***	2005
2145	KSU	47	58	54	58.2
2145 + Coronado + Fannin	(blend)	45	-	-	58.5
Abilene Ag Exp*†	Abilene Ag	10	-	-	57.8
AgriPro 4342*	AgriPro	43	-	-	60.3
AP 502 CL	AgriPro	54	46	45	57.2
Cisco	WestBred	40	-	-	57.9
Coronado	AgriPro	47	55	54	57.7
Cutter	AgriPro	44	55	55	59.6
Deliver†	OSU	5	-	-	58.2
Dumas	AgriPro	39	53	52	57.3
Endurance	OSU	41	-	-	58.2
Fannin	AgriPro	47	54	-	60.1
Fannin + Cutter + Sturdy 2K	(blend)	39	-	-	58.9
HG-9†	Hardeman Grain	11	-	-	57.4
Jagalene	AgriPro	50	56	57	60.3
Jagger	KSU	43	46	45	59.7
Lockett†	TAMU	6	16	13	54.5
Longhorn†	AgriPro	7	27	21	57.3
Ogallala	AgriPro	44	45	46	59.3
OK 101	OSU	38	-	-	58.1
OK 102	OSU	40	52	50	59.9
Overley	KSU	45	55	-	59.4
Stanton	KSU	49	55	55	59.5
Sturdy 2K	TAMU	43	51	49	57.5
TAM 105	TAMU	41	-	-	58.5
TAM 107	TAMU	44	42	42	58.5
TAM 110	TAMU	49	45	44	58.9
TAM 110 CL	TAMU	47	43	44	57.8
TAM 111	TAMU	51	52	52	59.7
TAM 111 + Cutter + Sturdy 2K	(blend)	45	-	-	58.5
TAM 112	TAMU	62	57	-	59.5
TAM 202	TAMU	44	45	47	58.8
TAM 303	TAMU	52	62	-	57.0
TAM W-101	TAMU	44	41	-	59.1
Thunderbolt	AgriPro	49	42	46	60.2
Trego	KSU	49	61	60	60.1
TX00D1390*	TAMU	47	-	-	61.0
TX00V1117*	TAMU	49	-	-	59.7
TX01D3232*	TAMU	50	-	-	56.9
TX01M5009*†	TAMU	5	40	-	55.7
	<b>Mean</b>	<b>40</b>	<b>48</b>	<b>46</b>	<b>58.6</b>

\* experimental wheat breeding line

\*\* yield average for 2004 and 2005

\*\*\* yield average for 2003, 2004, and 2005

† deer damage



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

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