

High Plains – 2005

Uniform Wheat Variety Trials

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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 Amarillo, Dallas, Vernon, and College Station. Dr. David Worrall with Agri-Pro Wheat is also a key collaborator and contributed data from the Perryton locations. We also appreciate the cooperation from numerous County Extension Agents and growers. In the High Plains, ten locations of the HRW UVT was harvested (5 irrigated, 5 dryland). Below is a table describing the “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
Clovis – Dryland	High stripe rust pressure, received late fungicide application, some lodging
Clovis – Irrigated	High stripe rust pressure, received late fungicide application, some lodging
Dimmit – Irrigated	Hail damage, high stripe rust pressure, received a fungicide application
Hereford – Dryland	High stripe rust pressure
Claude – Dryland	Very high stripe rust pressure
Bushland – Irrigated	High stripe rust pressure, hail damage
Canadian – Dryland	High stripe rust pressure, moderate leaf rust pressure
Etter – Dryland	High stripe rust pressure
Etter – Irrigated	High stripe rust pressure, erratic stand
Dalhart – Irrigated	Low stripe rust, received a fungicide application
Perryton – Irrigated	High Stripe rust pressure, received late fungicide application
Perryton – Dryland	High Stripe rust pressure, received late fungicide application



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Uniform Wheat Variety Trial - Clovis, Dryland 2005

Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
		2005	2-Year**	2005
2145	KSU	52	29	61.2
2174	OSU	46	27	60.4
Abilene Ag Exp*	Abilene Ag	47	-	61.1
AgriPro 4342*	AgriPro	58	-	62.8
AP 502 CL	AgriPro	54	34	60.1
Cisco	WestBred	50	31	61.9
Coronado	AgriPro	51	32	62.0
Cutter	AgriPro	52	32	62.4
Deliver	OSU	49	-	61.9
Dumas	AgriPro	56	33	63.1
Endurance	OSU	55	-	61.9
Fannin	AgriPro	52	28	61.4
HG-9	Hardeman Grain	46	-	61.7
Jagalene	AgriPro	45	29	63.6
Jagger	KSU	59	35	61.5
Lockett	TAMU	48	28	60.7
Longhorn	AgriPro	50	30	62.3
Ogallala	AgriPro	51	29	62.7
OK 101	OSU	51	31	62.8
OK 102	OSU	47	27	62.1
Overley	KSU	61	36	62.6
Scout 66	Nebraska/USDA	48	30	61.9
Stanton	KSU	49	30	61.9
Sturdy 2K	TAMU	48	28	60.5
T 81	Trio Seed Research	59	-	61.7
TAM 105	TAMU	52	35	61.9
TAM 107	TAMU	54	36	60.9
TAM 110	TAMU	48	34	61.1
TAM 110 CL	TAMU	49	32	59.9
TAM 111	TAMU	56	35	62.4
TAM 112	TAMU	60	41	62.7
TAM 202	TAMU	51	33	61.5
TAM 303	TAMU	53	34	58.5
TAM W-101	TAMU	41	24	61.5
Thunderbolt	AgriPro	43	27	63.0
Trego	KSU	50	32	61.3
TX00D1390*	TAMU	53	-	61.1
TX00V1117*	TAMU	64	-	63.1
TX01D3232*	TAMU	58	-	59.2
Mean		51.6	31.4	61.6

* experimental wheat breeding line

** yield average for 2004 and 2005



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Uniform Wheat Variety Trial - Clovis, Irrigated 2005

Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
		2005	2-Year**	2005
2145	KSU	80	79	60.7
2174	OSU	80	77	61.1
Abilene Ag Exp*	Abilene Ag	44	-	61.0
AgriPro 4342*	AgriPro	73	-	63.3
AP 502 CL	AgriPro	69	72	60.0
Cisco	WestBred	69	77	60.4
Coronado	AgriPro	78	78	59.0
Cutter	AgriPro	53	67	62.2
Deliver	OSU	61	-	61.9
Dumas	AgriPro	77	79	61.3
Endurance	OSU	78	-	59.1
Fannin	AgriPro	44	61	60.6
HG-9	Hardeman Grain	47	-	60.8
Jagalene	AgriPro	73	80	60.8
Jagger	KSU	52	69	60.7
Lockett	TAMU	48	60	59.1
Longhorn	AgriPro	70	68	62.2
Ogallala	AgriPro	68	74	62.4
OK 101	OSU	81	80	61.2
OK 102	OSU	84	79	60.8
Overley	KSU	75	75	61.7
Platte	AgriPro	80	-	61.2
Scout 66	Nebraska/USDA	49	59	62.1
Stanton	KSU	66	69	60.6
Sturdy 2K	TAMU	60	69	59.7
T 81	Trio Seed Research	73	-	61.1
TAM 105	TAMU	83	78	61.5
TAM 107	TAMU	76	74	60.3
TAM 110	TAMU	68	76	59.6
TAM 110 CL	TAMU	81	81	59.6
TAM 111	TAMU	64	74	61.4
TAM 112	TAMU	41	61	60.8
TAM 202	TAMU	60	70	60.9
TAM 303	TAMU	64	74	58.9
TAM W-101	TAMU	61	66	60.4
Thunderbolt	AgriPro	74	75	62.7
Trego	KSU	70	68	60.7
TX00D1390*	TAMU	61	-	61.4
TX00V1117*	TAMU	64	-	61.9
TX01D3232*	TAMU	96	-	61.5
Mean		67.3	72.4	60.9

* experimental wheat breeding line

** yield average for 2004 and 2005



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Uniform Wheat Variety Trial - Nazareth 2005

Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
		2005	2-Year**	2005
2145	KSU	60	87	60.7
2174	OSU	49	80	60.6
Abilene Ag Exp*	Abilene Ag	43	-	59.2
AgriPro 4342*	AgriPro	59	-	59.8
AP 502 CL	AgriPro	57	69	57.7
Cisco	WestBred	54	73	58.9
Coronado	AgriPro	44	75	56.6
Cutter	AgriPro	58	70	60.4
Deliver	OSU	57	-	58.5
Dumas	AgriPro	55	83	61.3
Endurance	OSU	55	-	60.4
Fannin	AgriPro	61	68	61.2
HG-9	Hardeman Grain	44	-	59.9
Jagalene	AgriPro	64	81	60.4
Jagger	KSU	57	69	57.1
Lockett	TAMU	50	56	59.3
Longhorn	AgriPro	60	68	58.4
Ogallala	AgriPro	57	76	60.3
OK 101	OSU	57	73	60.5
OK 102	OSU	57	78	60.4
Overley	KSU	63	65	60.6
Platte	AgriPro	42	-	61.0
Scout 66	Nebraska/USDA	48	52	59.8
Stanton	KSU	49	72	58.9
Sturdy 2K	TAMU	58	51	58.5
T 81	Trio Seed Research	58	-	57.5
TAM 105	TAMU	62	75	59.2
TAM 107	TAMU	49	72	58.0
TAM 110	TAMU	56	70	59.4
TAM 110 CL	TAMU	59	82	58.9
TAM 111	TAMU	82	100	59.7
TAM 112	TAMU	58	72	60.3
TAM 202	TAMU	48	68	57.3
TAM 303	TAMU	52	65	58.7
TAM W-101	TAMU	47	63	60.8
Thunderbolt	AgriPro	58	72	60.9
Trego	KSU	62	71	61.4
TX00D1390*	TAMU	70	-	60.6
TX00V1117*	TAMU	66	-	59.7
TX01D3232*	TAMU	65	-	58.3
	Mean	56.2	71.9	59.5

* experimental wheat breeding line

** yield average for 2004 and 2005



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Uniform Wheat Variety Trial - Hereford 2005

Variety	Source	Grain Yield	Test Weight
		(bu/ac)	(lb/bu)
		2005	2005
2145	KSU	29	59.5
2174	OSU	25	61.3
Abilene Ag Exp*	Abilene Ag	29	61.1
AgriPro 4342*	AgriPro	40	60.8
AP 502 CL	AgriPro	26	57.8
Cisco	WestBred	25	60.1
Coronado	AgriPro	25	59.7
Cutter	AgriPro	41	61.6
Deliver	OSU	33	60.2
Dumas	AgriPro	31	61.9
Endurance	OSU	29	60.1
Fannin	AgriPro	39	62.0
HG-9	Hardeman Grain	31	61.1
Jagalene	AgriPro	36	62.5
Jagger	KSU	35	60.2
Lockett	TAMU	29	58.9
Longhorn	AgriPro	22	59.9
Ogallala	AgriPro	37	61.2
OK 101	OSU	26	58.7
OK 102	OSU	22	61.1
Overley	KSU	39	60.6
Platte	AgriPro	24	61.8
Scout 66	Nebraska/USDA	33	61.4
Stanton	KSU	32	60.6
Sturdy 2K	TAMU	36	60.0
T 81	Trio Seed Research	37	60.9
TAM 105	TAMU	27	59.7
TAM 107	TAMU	19	43.9
TAM 110	TAMU	25	58.6
TAM 110 CL	TAMU	22	58.5
TAM 111	TAMU	44	59.9
TAM 112	TAMU	29	61.1
TAM 202	TAMU	20	59.5
TAM 303	TAMU	34	59.7
TAM W-101	TAMU	23	61.6
Thunderbolt	AgriPro	29	60.8
Trego	KSU	31	61.6
TX00D1390*	TAMU	33	60.6
TX00V1117*	TAMU	37	62.3
TX01D3232*	TAMU	29	59.0
	Mean	30.4	60.0

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Uniform Wheat Variety Trial - Claude 2005

Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
		2005	2-Year**	3-Year***	2005
2145	KSU	34	30	27	59.8
2174	OSU	31	30	26	60.3
Abilene Ag Exp*	Abilene Ag	43	-	-	61.5
AgriPro 4342*	AgriPro	48	-	-	61.6
AP 502 CL	AgriPro	27	26	25	57.1
Cisco	WestBred	31	28	26	59.6
Coronado	AgriPro	38	31	27	59.6
Cutter	AgriPro	44	37	30	60.4
Deliver	OSU	40	-	-	61.7
Dumas	AgriPro	35	32	28	60.7
Endurance	OSU	36	-	-	60.4
Fannin	AgriPro	46	36	-	62.5
HG-9	Hardeman Grain	43	-	-	62.0
Jagalene	AgriPro	41	36	31	62.8
Jagger	KSU	45	38	32	58.6
Lockett	TAMU	33	27	25	59.8
Longhorn	AgriPro	28	25	23	60.6
Ogallala	AgriPro	39	34	31	61.5
OK 101	OSU	28	27	26	58.9
OK 102	OSU	25	27	22	60.4
Overley	KSU	42	36	-	60.6
Scout 66	Nebraska/USDA	38	29	28	61.6
Stanton	KSU	31	30	26	59.6
Sturdy 2K	TAMU	33	30	-	59.4
T 81	Trio Seed Research	44	-	-	61.6
TAM 105	TAMU	30	27	27	59.9
TAM 107	TAMU	26	25	24	57.1
TAM 110	TAMU	28	27	26	57.2
TAM 110 CL	TAMU	28	27	25	58.2
TAM 111	TAMU	47	38	29	61.6
TAM 112	TAMU	30	30	-	60.4
TAM 202	TAMU	26	27	24	58.3
TAM 303	TAMU	35	32	-	58.9
TAM W-101	TAMU	30	27	-	61.2
Thunderbolt	AgriPro	37	31	27	62.3
Trego	KSU	27	27	22	60.3
TX00D1390*	TAMU	37	-	-	60.7
TX00V1117*	TAMU	39	-	-	61.6
TX01D3232*	TAMU	40	-	-	57.9
TX01M5009*	TAMU	43	36	-	60.1
	Mean	35.7	30.3	26.5	60.2

* experimental wheat breeding line

** yield average for 2004 and 2005

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



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Uniform Wheat Variety Trial - Bushland, Irrigated 2005

Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
		2005	2-Year**	3-Year***	2005
2145	KSU	33	74	79	58.4
2174	OSU	30	66	73	56.8
Abilene Ag Exp*	Abilene Ag	37	-	-	61.5
AgriPro 4342*	AgriPro	52	-	-	62.7
AP 502 CL	AgriPro	31	68	74	53.1
Cisco	WestBred	38	77	80	53.2
Coronado	AgriPro	27	65	75	56.3
Cutter	AgriPro	57	80	85	61.1
Deliver	OSU	54	-	-	61.3
Dumas	AgriPro	34	66	75	58.0
Endurance	OSU	43	-	-	56.2
Fannin	AgriPro	55	72	-	61.7
HG-9	Hardeman Grain	36	-	-	61.5
Jagalene	AgriPro	54	80	85	61.7
Jagger	KSU	60	85	86	58.6
Lockett	TAMU	34	62	68	58.0
Longhorn	AgriPro	26	59	65	58.6
Ogallala	AgriPro	41	71	81	61.5
OK 101	OSU	39	79	84	55.2
OK 102	OSU	33	75	80	56.4
Overley	KSU	47	59	-	60.0
Scout 66	Nebraska/USDA	34	61	65	59.6
Stanton	KSU	26	77	83	58.2
Sturdy 2K	TAMU	32	37	-	59.4
T 81	Trio Seed Research	69	-	-	61.5
TAM 105	TAMU	44	80	86	57.5
TAM 107	TAMU	30	66	72	53.4
TAM 110	TAMU	36	72	77	53.9
TAM 110 CL	TAMU	35	70	78	54.6
TAM 111	TAMU	80	103	104	61.1
TAM 112	TAMU	28	64	-	54.8
TAM 202	TAMU	24	50	66	54.4
TAM 303	TAMU	43	82	-	56.8
TAM W-101	TAMU	32	73	-	57.0
Thunderbolt	AgriPro	34	59	71	59.9
Trego	KSU	23	71	80	56.5
TX00D1390*	TAMU	44	-	-	57.0
TX00V1117*	TAMU	43	-	-	60.0
TX01D3232*	TAMU	41	-	-	57.6
TX01M5009*	TAMU	50	67	-	60.4
	Mean	40.1	70.0	78.0	58.1

* experimental wheat breeding line

** yield average for 2004 and 2005

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



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Uniform Wheat Variety Trial - Candian 2005

Variety	Source	Grain Yield	Test Weight
		(bu/ac)	(lb/bu)
		2005	2005
2145	KSU	47	54.4
2174	OSU	31	53.0
Abilene Ag Exp*	Abilene Ag	47	57.3
AgriPro 4342*	AgriPro	69	59.2
AP 502 CL	AgriPro	25	45.2
Cisco	WestBred	37	52.8
Coronado	AgriPro	35	54.2
Cutter	AgriPro	56	55.6
Deliver	OSU	56	56.5
Dumas	AgriPro	35	52.0
Endurance	OSU	45	52.0
Fannin	AgriPro	60	58.7
HG-9	Hardeman Grain	44	58.2
Jagalene	AgriPro	57	56.5
Jagger	KSU	55	55.2
Lockett	TAMU	31	52.4
Longhorn	AgriPro	28	56.1
Ogallala	AgriPro	51	56.4
OK 101	OSU	35	49.9
OK 102	OSU	30	54.4
Overley	KSU	69	54.9
Platte	AgriPro	28	55.6
Scout 66	Nebraska/USDA	38	57.1
Stanton	KSU	35	54.7
Sturdy 2K	TAMU	42	53.0
T 81	Trio Seed Research	55	55.0
TAM 105	TAMU	38	53.2
TAM 107	TAMU	30	48.0
TAM 110	TAMU	28	46.7
TAM 110 CL	TAMU	30	48.7
TAM 111	TAMU	64	53.0
TAM 112	TAMU	27	53.0
TAM 202	TAMU	24	48.9
TAM 303	TAMU	38	51.8
TAM W-101	TAMU	32	54.3
Thunderbolt	AgriPro	43	56.6
Trego	KSU	27	54.9
TX00D1390*	TAMU	49	55.3
TX00V1117*	TAMU	43	55.0
TX01D3232*	TAMU	45	52.6
	Mean	41.4	53.8

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Uniform Wheat Variety Trial - Etter, Dryland 2005

Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
		2005	2-Year**	2005
2145	KSU	36	35	59.7
2174	OSU	41	35	59.4
Abilene Ag Exp*	Abilene Ag	37	-	60.4
AgriPro 4342*	AgriPro	47	-	59.1
AP 502 CL	AgriPro	48	44	56.9
Cisco	WestBred	45	45	58.9
Coronado	AgriPro	50	41	57.8
Cutter	AgriPro	46	44	59.0
Deliver	OSU	49	-	60.6
Dumas	AgriPro	47	41	59.8
Endurance	OSU	54	-	59.4
Fannin	AgriPro	34	28	59.4
HG-9	Hardeman Grain	42	-	60.1
Jagalene	AgriPro	36	38	60.6
Jagger	KSU	52	44	58.0
Lockett	TAMU	42	40	58.0
Longhorn	AgriPro	47	39	58.6
Ogallala	AgriPro	37	33	59.5
OK 101	OSU	46	41	59.6
OK 102	OSU	36	35	60.6
Overley	KSU	50	45	58.8
Scout 66	Nebraska/USDA	42	38	58.8
Stanton	KSU	40	41	60.9
Sturdy 2K	TAMU	32	31	57.0
T 81	Trio Seed Research	54	-	57.5
TAM 105	TAMU	54	44	58.0
TAM 107	TAMU	54	44	57.7
TAM 110	TAMU	52	42	58.2
TAM 110 CL	TAMU	49	42	59.0
TAM 111	TAMU	34	36	61.1
TAM 112	TAMU	43	40	60.8
TAM 202	TAMU	49	41	58.2
TAM 303	TAMU	42	44	57.0
TAM W-101	TAMU	38	35	59.4
Thunderbolt	AgriPro	44	41	60.9
Trego	KSU	32	36	61.8
TX00D1390*	TAMU	46	-	59.4
TX00V1117*	TAMU	59	-	59.2
TX01D3232*	TAMU	49	-	56.7
TX01M5009*	TAMU	51	43	57.5
Mean		44.7	39.6	59.1

* experimental wheat breeding line

** yield average for 2004 and 2005



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Uniform Wheat Variety Trial - Etter, Irrigated 2005

Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
		2005	2-Year**	2005
2145	KSU	59	48	60.8
2174	OSU	55	58	61.0
Abilene Ag Exp*	Abilene Ag	68	-	61.6
AgriPro 4342*	AgriPro	84	-	62.8
AP 502 CL	AgriPro	50	65	57.7
Cisco	WestBred	65	70	61.1
Coronado	AgriPro	57	65	59.4
Cutter	AgriPro	77	65	62.3
Deliver	OSU	60	-	61.9
Dumas	AgriPro	63	62	60.5
Endurance	OSU	67	-	61.1
Fannin	AgriPro	49	38	62.2
HG-9	Hardeman Grain	60	-	62.1
Jagalene	AgriPro	62	61	61.8
Jagger	KSU	78	66	59.8
Lockett	TAMU	58	61	59.9
Longhorn	AgriPro	69	65	61.7
Ogallala	AgriPro	68	61	63.2
OK 101	OSU	66	68	62.2
OK 102	OSU	57	66	60.6
Overley	KSU	74	52	61.6
Scout 66	Nebraska/USDA	62	55	61.6
Stanton	KSU	54	65	61.0
Sturdy 2K	TAMU	48	32	60.4
T 81	Trio Seed Research	74	-	61.8
TAM 105	TAMU	72	81	60.6
TAM 107	TAMU	68	71	59.8
TAM 110	TAMU	67	68	59.4
TAM 110 CL	TAMU	63	65	59.4
TAM 111	TAMU	77	72	63.0
TAM 112	TAMU	53	59	62.1
TAM 202	TAMU	63	41	61.1
TAM 303	TAMU	75	74	61.0
TAM W-101	TAMU	57	64	61.6
Thunderbolt	AgriPro	62	49	62.0
Trego	KSU	40	55	61.1
TX00D1390*	TAMU	72	-	62.5
TX00V1117*	TAMU	71	-	61.8
TX01D3232*	TAMU	81	-	60.2
TX01M5009*	TAMU	71	63	61.7
Mean		64.4	60.8	61.2

* experimental wheat breeding line

** yield average for 2004 and 2005



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Uniform Wheat Variety Trial - Dalhart 2005

Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
		2005	2-Year**	2005
2145	KSU	97	74	60.6
2174	OSU	104	79	62.4
Abilene Ag Exp*	Abilene Ag	98	-	61.9
AgriPro 4342*	AgriPro	107	-	63.1
AP 502 CL	AgriPro	100	82	60.8
Cisco	WestBred	109	86	60.8
Coronado	AgriPro	102	80	60.9
Cutter	AgriPro	113	84	62.5
Deliver	OSU	105	-	61.8
Dumas	AgriPro	117	91	62.5
Endurance	OSU	108	-	60.8
Fannin	AgriPro	93	72	61.8
HG-9	Hardeman Grain	87	-	62.9
Jagalene	AgriPro	106	85	62.9
Jagger	KSU	107	80	59.6
Lockett	TAMU	87	68	61.6
Longhorn	AgriPro	88	71	61.8
Ogallala	AgriPro	103	80	63.0
OK 101	OSU	97	79	61.6
OK 102	OSU	100	76	62.0
Overley	KSU	111	84	63.0
Platte	AgriPro	93	-	62.5
Scout 66	Nebraska/USDA	81	66	62.7
Stanton	KSU	103	80	61.4
Sturdy 2K	TAMU	104	80	60.0
T 81	Trio Seed Research	110	110	62.0
TAM 105	TAMU	105	77	61.5
TAM 107	TAMU	103	77	61.8
TAM 110	TAMU	105	83	62.7
TAM 110 CL	TAMU	95	80	62.0
TAM 111	TAMU	120	88	62.8
TAM 112	TAMU	96	80	61.3
TAM 202	TAMU	97	81	60.8
TAM 303	TAMU	103	80	60.4
TAM W-101	TAMU	89	71	61.7
Thunderbolt	AgriPro	105	81	63.4
Trego	KSU	96	80	61.3
TX00D1390*	TAMU	97	-	61.8
TX00V1117*	TAMU	110	-	62.6
TX01D3232*	TAMU	103	-	59.9
Mean		101.3	80.1	61.8

* experimental wheat breeding line

** yield average for 2004 and 2005



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Uniform Wheat Variety Trial - Perryton, Dryland 2005

Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
		2005	2-Year**	2005
2145	KSU	41	27	57.3
2174	OSU	46	37	56.7
AgriPro 4342*	AgriPro	54	-	56.7
Cisco	WestBred	44	-	55.3
Coronado	AgriPro	50	39	56.7
Cutter	AgriPro	51	38	57.3
Deliver	OSU	46	-	55.3
Dumas	AgriPro	51	43	58.3
Endurance	OSU	51	-	56.7
Fannin	AgriPro	50	-	57.7
HG-9	Hardeman Grain	44	-	54.3
Jagalene	AgriPro	49	41	59.7
Jagger	KSU	58	42	57.7
Lockett	TAMU	45	33	54.7
Longhorn	AgriPro	49	36	56.0
Ogallala	AgriPro	43	38	59.0
OK 101	OSU	45	36	54.3
OK 102	OSU	45	35	58.0
Overley	KSU	46	35	56.7
Platte	AgriPro	49	-	58.7
Scout 66	Nebraska/USDA	46	35	56.7
Stanton	KSU	46	37	55.3
Sturdy 2K	TAMU	49	33	55.7
T 81	Trio Seed Research	50	-	57.7
TAM 105	TAMU	45	36	56.7
TAM 107	TAMU	39	-	54.0
TAM 110	TAMU	46	39	55.7
TAM 110 CL	TAMU	45	40	56.7
TAM 111	TAMU	57	44	57.7
TAM 112	TAMU	50	-	55.7
TAM 202	TAMU	47	37	56.7
TAM 303	TAMU	50	-	54.3
TAM W 101	TAMU	37	33	56.7
Thunderbolt	AgriPro	48	34	58.3
Trego	KSU	45	36	57.3
TX00D1390*	TAMU	51	-	55.3
TX00V1117*	TAMU	50	-	57.7
TX01D3232*	TAMU	46	-	54.0
Mean		47.5	36.6	

* experimental wheat breeding line

** yield average for 2004 and 2005



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Uniform Wheat Variety Trial - Perryton, Irrigated 2005

Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
		2005	2-Year**	2005
2145	KSU	72	61	59.0
2174	OSU	63	69	57.4
AgriPro 4342*	AgriPro	85	-	62.3
Cisco	WestBred	66	-	56.4
Coronado	AgriPro	68	71	57.9
Cutter	AgriPro	75	63	59.6
Deliver	OSU	75	-	58.7
Dumas	AgriPro	76	69	61.0
Endurance	OSU	71	-	58.5
Fannin	AgriPro	62	-	61.0
HG-9	Hardeman Grain	58	-	55.6
Jagalene	AgriPro	86	81	61.7
Jagger	KSU	85	65	59.5
Lockett	TAMU	60	57	56.4
Longhorn	AgriPro	61	55	58.0
Ogallala	AgriPro	81	72	62.4
OK 101	OSU	67	65	57.5
OK 102	OSU	65	66	57.9
Overley	KSU	75	53	61.3
Platte	AgriPro	68	-	59.3
Scout 66	Nebraska/USDA	70	55	60.6
Stanton	KSU	62	70	59.5
Sturdy 2K	TAMU	42	28	57.7
T 81	Trio Seed Research	84	-	60.5
TAM 105	TAMU	69	70	58.2
TAM 107	TAMU	57	-	55.6
TAM 110	TAMU	61	65	57.1
TAM 110 CL	TAMU	64	73	56.4
TAM 111	TAMU	95	88	62.9
TAM 112	TAMU	64	-	58.1
TAM 202	TAMU	59	52	57.9
TAM 303	TAMU	78	-	57.5
TAM W-101	TAMU	63	65	59.2
Thunderbolt	AgriPro	67	53	62.6
Trego	KSU	63	72	57.9
TX00D1390*	TAMU	86	-	59.7
TX00V1117*	TAMU	80	-	60.9
TX01D3232*	TAMU	81	-	57.8
Mean		70.1	63.8	

* experimental wheat breeding line

** yield average for 2004 and 2005



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Rolling Plains – 2005 Uniform Wheat Variety Trials

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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 Amarillo, Vernon, and College Station. Dr. David Worrall with Agri-Pro Wheat is also a key collaborator and contributed data from the Muenster location. We also appreciate the cooperation from numerous County Extension Agents and growers. In the Rolling Plains, three locations of the UVT were planted, Abilene, Chillicothe, and Chillicothe/Hardeman Grain. Below is a table describing the “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
Muenster – Dryland	Stripe rust, dry spring
Abilene - Dryland	December planted, wet winter, dry spring, minimal spring disease pressure
Chillicothe - Dryland	Wet fall and winter followed by a dry spring, stripe rust
Chillicothe/Hardeman Grain - Dryland	Wet fall and winter followed by a dry spring



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Uniform Wheat Variety Trial - Muenster, Dryland 2005

Variety	Source	Grain Yield	Test Weight
		(bu/ac)	(lb/bu)
		2005	2005
2145	KSU	57.5	60.0
2174	OSU	31.8	57.5
2145 + Coronado + Fannin	(blend)	50.7	59.7
Abilene Ag Exp*	Abilene Ag	28.2	56.5
AP02T4342	AgriPro	53.2	58.5
Cisco	WestBred	39.7	57.4
Coronado	AgriPro	39.5	57.8
Cutter	AgriPro	40.9	57.2
Deliver	OSU	46.6	59.4
Dumas	AgriPro	46.7	60.2
Endurance	OSU	46.7	58.6
Fannin	AgriPro	51.3	59.6
Fannin + Cutter + Sturdy 2K	(blend)	49.3	58.4
HG-9	Hardeman Grain	27.1	57.1
Jagalene	AgriPro	44.1	57.9
Jagger	KSU	35.1	57.1
Lockett	TAMU	19.7	57.1
Longhorn	AgriPro	24.3	57.2
NEOSHO	AgriPro	31.7	56.5
Ogallala	AgriPro	32.0	57.9
OK 101	OSU	33.4	56.5
OK 102	OSU	37.5	59.5
Overley	KSU	36.3	56.0
Stanton	KSU	19.9	56.5
Sturdy 2K	TAMU	48.9	58.0
TAM 105	TAMU	14.9	56.8
TAM 107	TAMU	18.3	58.0
TAM 110	TAMU	22.8	57.3
TAM 110 CL	TAMU	19.3	56.8
TAM 111	AgriPro	29.0	55.5
TAM 111 + Cutter + Sturdy 2K	(blend)	41.3	57.9
TAM 112	TAMU	26.9	57.0
TAM 202	TAMU	13.3	57.2
TAM W-101	TAMU	19.5	56.2
Thunderbolt	AgriPro	15.9	57.8
Trego	KSU	31.7	56.5
TX00D1390*	TAMU	53.5	58.7
TX00V1117*	TAMU	29.5	56.4
TX01D3232*	TAMU	52.3	56.9
TX01M5009*	TAMU	48.7	59.2
TX98D1170*	TAMU	45.0	57.5
Mean		34.0	57.7

* experimental wheat breeding line



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Uniform Wheat Variety Trial - Abilene, Dryland 2005

Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
		2005	2-Year**	2005
2145	KSU	48	51	58.0
2145 + Coronado + Fannin	(blend)	48	-	58.5
Abilene Ag Exp*	Abilene Ag	35	-	58.2
AgriPro 4342*	AgriPro	49	-	59.4
AP 502 CL	AgriPro	37	41	58.0
Cisco	WestBred	40	-	58.3
Coronado	AgriPro	47	49	59.7
Cutter	AgriPro	47	50	59.2
Deliver	OSU	44	-	58.7
Dumas	AgriPro	29	42	59.1
Endurance	OSU	40	-	57.8
Fannin	AgriPro	44	46	59.8
Fannin + Cutter + Sturdy 2K	(blend)	47	-	59.2
HG-9	Hardeman Grain	41	-	59.3
Jagalene	AgriPro	48	53	60.7
Jagger	KSU	52	47	57.2
Lockett	TAMU	29	31	55.6
Longhorn	AgriPro	28	36	57.7
Ogallala	AgriPro	44	47	59.7
OK 101	OSU	34	-	58.1
OK 102	OSU	27	37	59.1
Overley	KSU	45	48	60.1
Stanton	KSU	42	48	59.3
Sturdy 2K	TAMU	36	38	58.2
TAM 105	TAMU	32	-	58.4
TAM 107	TAMU	32	37	59.0
TAM 110	TAMU	35	42	59.0
TAM 110 CL	TAMU	37	45	58.8
TAM 111	TAMU	50	49	60.4
TAM 111 + Cutter + Sturdy 2K	(blend)	53	-	58.6
TAM 112	TAMU	45	50	61.0
TAM 202	TAMU	38	44	59.7
TAM 303	TAMU	46	54	58.6
TAM W-101	TAMU	35	40	58.1
Thunderbolt	AgriPro	42	45	60.0
Trego	KSU	50	52	59.7
TX00D1390*	TAMU	58	-	60.6
TX00V1117*	TAMU	30	-	59.6
TX01D3232*	TAMU	59	-	58.2
TX01M5009*	TAMU	56	55	57.9
	Mean	42	45	58.9

* experimental wheat breeding line

** yield average for 2004 and 2005



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Uniform Wheat Variety Trial - Chillicothe, Dryland 2005

Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
		2005	2-Year**	3-Year***	2005
2145	KSU	43	51	51	64.7
2174	OSU	27	42	39	63.8
Abilene Ag Exp*	Abilene Ag	51	-	-	62.7
AgriPro 4342*	AgriPro	53	-	-	64.6
AP 502 CL	AgriPro	36	48	45	60.3
Cisco	WestBred	40	40	43	62.8
Coronado	AgriPro	38	48	45	63.3
Cutter	AgriPro	53	57	56	63.8
Deliver	OSU	42	-	-	63.8
Dumas	AgriPro	41	48	48	65.1
Endurance	OSU	47	-	-	63.5
Fannin	AgriPro	46	53	-	63.3
HG-9	Hardeman Grain	55	54	50	62.7
Jagalene	AgriPro	54	57	57	64.4
Jagger	KSU	49	54	53	63.0
Lockett	TAMU	39	46	45	63.3
Longhorn	AgriPro	41	46	43	62.5
Ogallala	AgriPro	52	53	51	64.4
OK 101	OSU	35	49	47	64.7
OK 102	OSU	32	44	43	64.6
Overley	KSU	58	58	-	64.6
Stanton	KSU	36	47	46	62.7
Sturdy 2K	TAMU	46	51	-	63.3
TAM 105	TAMU	43	-	-	61.3
TAM 107	TAMU	34	46	45	62.1
TAM 110	TAMU	40	49	47	61.7
TAM 110 CL	TAMU	38	48	45	62.4
TAM 111	TAMU	54	57	54	64.0
TAM 112	TAMU	42	55	-	64.1
TAM 202	TAMU	37	48	47	64.4
TAM 303	TAMU	43	52	-	63.0
TAM W-101	TAMU	31	42	40	64.0
Thunderbolt	AgriPro	47	48	47	64.1
Trego	KSU	31	46	47	64.1
TX00D1390*	TAMU	51	-	-	64.1
TX00V1117*	TAMU	60	-	-	57.0
TX01D3232*	TAMU	51	-	-	63.0
TX01M5009*	TAMU	47	50	-	62.2
Weathermaster 135	-	53	51	48	62.5
Wintex	-	49	52	49	62.7
	Mean	44	50	47	63.2

* experimental wheat breeding line

** yield average for 2004 and 2005

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



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Uniform Wheat Variety Trial - Chillicothe/Hardeman Grain, Dryland 2005

Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
		2005	2-Year**	2005
2145	KSU	35	47	62.2
2174	OSU	21	43	61.4
Abilene Ag Exp*	Abilene Ag	25	-	59.9
AgriPro 4342*	AgriPro	34	-	62.2
AP 502 CL	AgriPro	39	53	60.3
Cisco	WestBred	30	-	61.3
Coronado	AgriPro	34	48	60.5
Cutter	AgriPro	33	50	61.6
Deliver	OSU	33	-	62.4
Dumas	AgriPro	35	52	61.6
Endurance	OSU	40	-	62.2
Fannin	AgriPro	30	50	61.3
HG-9	Hardeman Grain	21	40	59.7
Jagalene	AgriPro	41	52	63.8
Jagger	KSU	42	52	61.4
Lockett	TAMU	27	37	60.2
Longhorn	AgriPro	21	37	59.9
Ogallala	AgriPro	33	45	62.7
OK 101	OSU	32	46	61.7
OK 102	OSU	23	44	61.6
Overley	KSU	42	54	61.4
Stanton	KSU	23	43	61.6
Sturdy 2K	TAMU	31	45	61.6
TAM 105	TAMU	32	-	61.0
TAM 107	TAMU	30	44	61.0
TAM 110	TAMU	34	49	60.8
TAM 110 CL	TAMU	41	54	61.6
TAM 111	TAMU	33	48	61.6
TAM 112	TAMU	31	50	61.3
TAM 202	TAMU	36	52	59.5
TAM 303	TAMU	33	51	60.3
TAM W-101	TAMU	30	40	60.2
Thunderbolt	AgriPro	42	49	62.4
Trego	KSU	21	41	62.5
TX00D1390*	TAMU	36	-	60.5
TX00V1117*	TAMU	21	-	59.4
TX01D3232*	TAMU	34	-	60.6
TX01M5009*	TAMU	30	47	59.7
Weathermaster 135	-	27	41	61.0
Wintex	-	21	38	57.5
	Mean	31	47	61.1

* experimental wheat breeding line

** yield average for 2004 and 2005



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Blacklands – 2005

Uniform Wheat Variety Trials

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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 Variety Trial (UVT) 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. We greatly appreciate the cooperation of Bob Beakley at the Ellis County location. We also appreciate the cooperation from numerous County Extension and IPM Agents. The HRW and SRW UVT was planted and harvested at 3 locations within the Blacklands, including Prosper, Bardwell, and McGregor, and the SRW UVT alone was planted at Royse City. Below is a table describing the “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
McGregor	Leaf rust, stripe rust, dry spring
Ellis County	Leaf rust, dry spring
Prosper	Leaf rust, stripe rust, dry spring
Royse City	Stripe rust, leaf rust, dry spring, some bird damage



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Uniform Wheat Variety Trial - McGregor 2005

Class.	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2005	2-Year**	3-Year***	2005
H	2145	KSU	42	50	56	59.1
H	Abilene Ag Exp*	Abilene Ag	40	-	-	58.7
H	AgriPro 4342*	AgriPro	46	-	-	61.0
H	AP 502 CL	AgriPro	41	34	38	56.2
S	B980582*	Syngenta	46	-	-	59.2
S	Beretta	AgriPro	62	-	-	56.0
H	Cisco	WestBred	46	-	-	57.9
S	Coker 9553	AgriPro	70	-	-	57.8
H	Coronado	AgriPro	48	46	46	59.7
S	Crawford	AgriPro	60	64	-	56.5
H	Cutter	AgriPro	38	44	54	59.2
H	Deliver	OSU	48	-	-	58.0
S	DK 1551W	Delta King	62	-	-	57.3
S	DK 7710	Delta King	50	-	-	57.8
S	DK 7830	Delta King	45	-	-	57.8
S	DK 7900	Delta King	47	-	-	56.9
S	DK 9410	Delta King	52	-	-	57.9
H	Dumas	AgriPro	38	42	42	58.7
H	Endurance	OSU	50	-	-	58.0
H	Fannin	AgriPro	60	59	-	58.9
S	HBK 3266	Hornbeck	60	-	-	59.5
H	HG-9	Hardeman Grain	41	-	-	56.7
H	Jagalene	AgriPro	39	41	55	59.2
H	Jagger	KSU	36	32	40	58.8
S	LA 481	Terral Seed	69	-	-	56.0
S	LA 9560*	LSU	64	-	-	60.3
H	Lockett	TAMU	32	25	31	55.8
H	Longhorn	AgriPro	33	33	35	57.8
S	Mason	AgriPro	50	60	-	52.6
S	Natchez	AgriPro	52	61	-	56.8
S	NK Coker 9295	Syngenta	56	56	-	59.1
S	NK Coker 9375	Syngenta	40	53	-	56.1
S	NK Coker 9663	Syngenta	49	49	-	58.1
H	Ogallala	AgriPro	52	46	51	59.1
H	OK 101	OSU	34	-	-	57.0
H	OK 102	OSU	34	44	45	58.5
H	Overley	KSU	59	54	-	58.9
S	P25R37	Pioneer	43	43	-	57.9
S	P25R47	Pioneer	60	65	-	53.8
S	Panola	AgriPro	55	-	-	55.4
S	Progeny 110	Progeny	49	47	-	57.6
S	Progeny 125	Progeny	36	-	-	57.8
S	Progeny 133	Progeny	46	46	-	57.2
S	Progeny 145	Progeny	40	43	-	57.5
S	Progeny 155	Progeny	30	-	-	55.9

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Uniform Wheat Variety Trial - McGregor 2005 (cont'd)

Class.	Source	Variety	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2005	2-Year**	3-Year***	2005
S	Progeny 156	Progeny	41	41	-	54.8
S	Progeny 166	Progeny	42	42	-	57.1
S	Progeny 185	Progeny	61	-	-	57.5
H	Stanton	KSU	39	46	48	59.0
H	Sturdy 2K	TAMU	53	50	52	58.9
H	TAM 105	TAMU	36	-	-	56.0
H	TAM 107	TAMU	34	30	35	56.7
H	TAM 110	TAMU	41	35	40	56.6
H	TAM 110 CL	TAMU	35	34	40	56.7
H	TAM 111	TAMU	51	44	54	59.0
H	TAM 112	TAMU	48	45	-	59.3
H	TAM 202	TAMU	36	31	38	56.9
H	TAM 303	TAMU	58	57	-	57.7
H	TAM W-101	TAMU	40	30	-	57.0
H	Thunderbolt	AgriPro	46	42	44	59.9
H	Trego	KSU	42	46	47	58.9
S	TV 8450	Terral Seed	47	-	-	57.4
S	TV 8466	Terral Seed	66	-	-	57.7
S	TV 8502	Terral Seed	38	-	-	57.1
S	TV 8565	Terral Seed	46	-	-	56.9
S	TVX83W479*	Terral Seed	68	-	-	57.3
S	TVX84W451*	Terral Seed	44	-	-	56.3
H	TX00D1390*	TAMU	69	-	-	59.1
H	TX00V1117*	TAMU	53	-	-	58.2
H	TX01D3232*	TAMU	63	-	-	57.0
H	TX01M5009*	TAMU	65	64	-	57.7
S	UGA 2E26*	UGA	74	-	-	60.2
S	UGA 2E31*	UGA	67	-	-	59.5
S	USG 3209	UniSouth Genetics	61	-	-	59.8
S	USG 3592	UniSouth Genetics	54	-	-	59.8
Mean			49	45	45	57.8

* experimental variety

** yield average for 2004 and 2005

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



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Uniform Wheat Variety Trial - Ellis County 2005

Class.	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2005	2-Year**	2005
H	2145	KSU	42	46	59.2
H	Abilene Ag Exp*	Abilene Ag	51	-	61.3
H	AgriPro 4342*	AgriPro	52	-	61.9
H	AP 502 CL	AgriPro	30	35	53.7
S	B980582*	Syngenta	51	-	60.9
S	Beretta	AgriPro	72	-	60.0
H	Cisco	WestBred	44	-	56.2
S	Coker 9553	AgriPro	74	-	62.1
H	Coronado	AgriPro	56	53	58.5
S	Crawford	AgriPro	64	62	60.6
H	Cutter	AgriPro	35	41	58.5
H	Deliver	OSU	57	-	59.7
S	DK 1551W	Delta King	57	-	60.3
S	DK 7710	Delta King	58	-	58.9
S	DK 7830	Delta King	56	-	58.3
S	DK 7900	Delta King	56	-	58.6
S	DK 9410	Delta King	56	-	58.4
H	Dumas	AgriPro	51	54	60.6
H	Endurance	OSU	59	-	57.1
H	Fannin	AgriPro	65	61	61.7
S	HBK 3266	Hornbeck	53	-	59.0
H	HG-9	Hardeman Grain	49	-	60.8
H	Jagalene	AgriPro	31	41	58.7
H	Jagger	KSU	37	42	57.2
S	LA 481	Terral Seed	84	-	61.2
S	LA 9560*	LSU	73	-	62.6
H	Lockett	TAMU	20	23	56.2
H	Longhorn	AgriPro	45	38	59.8
S	Mason	AgriPro	50	50	58.4
S	Natchez	AgriPro	56	49	58.1
S	NK Coker 9295	Syngenta	46	51	57.1
S	NK Coker 9375	Syngenta	42	45	58.2
S	NK Coker 9663	Syngenta	42	46	58.1
H	Ogallala	AgriPro	52	46	62.1
H	OK 101	OSU	45	-	60.0
H	OK 102	OSU	42	51	60.8
H	Overley	KSU	48	50	61.4
S	P25R37	Pioneer	54	51	60.9
S	P25R47	Pioneer	77	62	58.1
S	Panola	AgriPro	64	-	59.6
S	Progeny 110	Progeny	56	42	58.9
S	Progeny 125	Progeny	27	-	55.9
S	Progeny 133	Progeny	55	45	59.0
S	Progeny 145	Progeny	53	40	59.5
S	Progeny 155	Progeny	38	-	54.5

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Uniform Wheat Variety Trial - Ellis County 2005 (cont'd)

Class.	Source	Variety	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2005	2-Year**	2005
S	Progeny 156	Progeny	55	50	58.4
S	Progeny 166	Progeny	56	41	58.2
S	Progeny 185	Progeny	50	-	58.5
H	Stanton	KSU	41	47	58.5
H	Sturdy 2K	TAMU	55	52	59.8
H	TAM 105	TAMU	42	-	59.3
H	TAM 107	TAMU	29	34	54.8
H	TAM 110	TAMU	32	39	53.5
H	TAM 110 CL	TAMU	33	40	54.7
H	TAM 111	TAMU	54	52	58.8
H	TAM 112	TAMU	39	48	57.0
H	TAM 202	TAMU	34	39	56.1
H	TAM 303	TAMU	52	59	58.1
H	TAM W-101	TAMU	36	34	58.9
H	Thunderbolt	AgriPro	44	35	61.2
H	Trego	KSU	36	43	57.9
S	TV 8450	Terral Seed	54	-	58.8
S	TV 8466	Terral Seed	65	-	59.2
S	TV 8502	Terral Seed	57	-	58.6
S	TV 8565	Terral Seed	54	-	58.5
S	TVX83W479*	Terral Seed	68	-	60.3
S	TVX84W451*	Terral Seed	37	-	54.1
H	TX00D1390*	TAMU	51	-	57.7
H	TX00V1117*	TAMU	67	-	60.7
H	TX01D3232*	TAMU	66	-	59.9
H	TX01M5009*	TAMU	59	56	60.9
S	UGA 2E26*	UGA	69	-	62.1
S	UGA 2E31*	UGA	57	-	61.5
S	USG 3209	UniSouth Genetics	63	-	60.1
S	USG 3592	UniSouth Genetics	39	-	60.9
Mean			51	46	58.9

* experimental wheat breeding line

** yield average for 2004 and 2005



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Uniform Wheat Variety Trial - Propser 2005

Class.	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2005	2-Year**	3-Year***	2005
H	2145	KSU	45	54	57	59.2
H	Abilene Ag Exp*	Abilene Ag	60	-	-	60.9
H	AgriPro 4342*	AgriPro	76	-	-	62.3
H	AP 502 CL	AgriPro	41	40	44	58.1
S	B980582*	Syngenta	50	-	-	59.5
S	Beretta	AgriPro	63	-	-	59.0
H	Cisco	WestBred	43	-	-	59.4
S	Coker 9553	AgriPro	73	-	-	61.1
H	Coronado	AgriPro	63	54	53	60.5
S	Crawford	AgriPro	73	68	-	60.2
H	Cutter	AgriPro	60	59	57	61.0
H	Deliver	OSU	67	-	-	60.1
S	DK 1551W	Delta King	67	-	-	59.3
S	DK 7710	Delta King	78	-	-	58.9
S	DK 7830	Delta King	67	-	-	59.1
S	DK 7900	Delta King	66	-	-	58.4
S	DK 9410	Delta King	70	-	-	59.0
H	Dumas	AgriPro	39	47	53	59.7
H	Endurance	OSU	66	-	-	60.3
H	Fannin	AgriPro	69	66	-	61.6
S	HBK 3266	Hornbeck	63	-	-	60.0
H	HG-9	Hardeman Grain	53	-	-	60.9
H	Jagalene	AgriPro	50	54	56	61.3
H	Jagger	KSU	45	42	45	59.8
S	LA 481	Terral Seed	60	-	-	59.8
S	LA 9560*	LSU	60	-	-	60.9
H	Lockett	TAMU	39	40	39	56.5
H	Longhorn	AgriPro	52	50	49	60.2
S	Mason	AgriPro	61	59	-	58.7
S	Natchez	AgriPro	66	63	-	59.5
S	NK Coker 9295	Syngenta	56	57	-	59.3
S	NK Coker 9375	Syngenta	57	60	-	57.6
S	NK Coker 9663	Syngenta	45	53	-	57.5
H	Ogallala	AgriPro	61	62	57	61.8
H	OK 101	OSU	44	-	-	59.7
H	OK 102	OSU	39	50	50	61.0
H	Overley	KSU	61	60	-	60.9
S	P25R37	Pioneer	62	63	-	60.6
S	P25R47	Pioneer	75	77	-	58.2
S	Panola	AgriPro	78	-	-	59.0
S	Progeny 110	Progeny	66	59	-	58.9
S	Progeny 125	Progeny	34	-	-	56.4
S	Progeny 133	Progeny	69	61	-	58.8
S	Progeny 145	Progeny	71	64	-	59.0
S	Progeny 155	Progeny	49	-	-	57.2

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Uniform Wheat Variety Trial - Propser 2005 (cont'd)

Source	Variety	Grain Yield (bu/ac)			Test Weight (lb/bu)	
		2005	2-Year**	3-Year***	2005	
S	Progeny 156	Progeny	62	62	-	57.4
S	Progeny 166	Progeny	76	66	-	59.4
S	Progeny 185	Progeny	65	-	-	58.5
H	Stanton	KSU	54	59	58	61.0
H	Sturdy 2K	TAMU	63	56	56	60.1
H	TAM 105	TAMU	38	-	-	59.0
H	TAM 107	TAMU	42	40	43	58.9
H	TAM 110	TAMU	43	43	47	57.6
H	TAM 110 CL	TAMU	49	45	48	59.0
H	TAM 111	TAMU	66	61	58	61.1
H	TAM 112	TAMU	46	52	-	58.0
H	TAM 202	TAMU	47	48	51	60.4
H	TAM 303	TAMU	60	63	-	58.0
H	TAM W-101	TAMU	47	42	-	61.3
H	Thunderbolt	AgriPro	57	50	52	61.5
H	Trego	KSU	46	52	53	61.5
S	TV 8450	Terral Seed	69	-	-	58.3
S	TV 8466	Terral Seed	62	-	-	57.7
S	TV 8502	Terral Seed	73	-	-	59.4
S	TV 8565	Terral Seed	72	-	-	58.7
S	TVX83W479*	Terral Seed	72	-	-	58.5
S	TVX84W451*	Terral Seed	43	-	-	57.5
H	TX00D1390*	TAMU	60	-	-	61.4
H	TX00V1117*	TAMU	55	-	-	60.0
H	TX01D3232*	TAMU	64	-	-	59.6
H	TX01M5009*	TAMU	76	69	-	59.6
S	UGA 2E26*	UGA	73	-	-	60.8
S	UGA 2E31*	UGA	74	-	-	61.3
S	USG 3209	UniSouth Genetics	70	-	-	59.6
S	USG 3592	UniSouth Genetics	49	-	-	60.0
		Mean	59	56	51	59.5

* experimental variety

** yield average for 2004 and 2005

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



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Uniform Wheat Variety Trial - Royse City 2005

Variety	Source	Grain Yield	Test Weight
		(bu/ac)	(lb/bu)
		2005	2005
B980582*	Syngenta	61	59.5
Beretta	AgriPro	69	57.3
Crawford	AgriPro	80	60.1
DK 1551W	Delta King	76	57.9
DK 7710	Delta King	80	59.1
DK 7830	Delta King	73	58.3
DK 7900	Delta King	76	58.5
DK 9410	Delta King	77	58.7
HBK 3266	Hornbeck	71	58.9
LA 481	Terral Seed	94	59.5
LA 9560	LSU	89	59.8
Mason	AgriPro	75	59.3
Natchez	AgriPro	71	58.4
NK Coker 9295	Syngenta	54	57.9
NK Coker 9375	Syngenta	64	56.7
NK Coker 9553	Syngenta	90	60.3
NK Coker 9663	Syngenta	61	57.8
P25R37	Pioneer	71	59.3
P25R47	Pioneer	90	56.8
Panola	AgriPro	82	58.0
Progeny 110	Progeny	66	58.9
Progeny 125	Progeny	44	56.6
Progeny 133	Progeny	75	58.5
Progeny 145	Progeny	70	58.4
Progeny 155	Progeny	49	55.7
Progeny 156	Progeny	67	57.7
Progeny 166	Progeny	75	58.7
Progeny 185	Progeny	71	56.3
TV8450	Terral Seed	72	57.6
TV8466	Terral Seed	79	58.0
TV8502	Terral Seed	81	58.8
TV8565	Terral Seed	74	58.2
TVX83W479*	Terral Seed	86	58.4
TVX84W451*	Terral Seed	51	55.4
UGA 2E26*	UGA	85	60.6
UGA 2E31*	UGA	84	61.3
USG 3209	UniSouth Genetics	85	59.7
USG 3592	UniSouth Genetics	62	60.4
		Mean	73.1
			58.5

* experimental wheat breeding line



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2005 - South Texas

Wheat Variety Trials

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Rex Herrington, Research Associate – College Station
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Purpose: To provide unbiased yield, quality, and pest rating 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 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. State-wide the HRW wheat trial was planted in 24 locations with 22 being harvested. In South Texas, two locations were planted, Brady and Uvalde. At Uvalde, 3 irrigation regimes were used to grow the wheat crop, including 100% PET, 75% PET, and 50% PET. 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
Brady	Leaf Rust, Barley Yellow Dwarf Virus, dry spring
Uvalde	Leaf rust and Stripe Rust, and dry spring.



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South Texas - Hard Red Winter Wheat Variety Trial 2004-05

Variety	Source	Average Bu/A	Brady Bu/A	Uvalde 100% PET Bu/A	Uvalde 70% PET Bu/A	Uvalde 50% PET Bu/A	Average T.W. Lbs/Bu
*TX01D3232	TAMU	66.1	50	72	67	76	57.8
*TX00D1390	TAMU	63.9	47	73	70	66	60.8
TAM 303	TAMU	58.3	52	63	58	59	57.7
Fannin	Agri-Pro	56.2	47	62	72	43	60.4
Ogallala	Agri-Pro	55.0	44	59	56	61	59.2
Coronado	Agri-Pro	54.4	47	59	62	50	58.7
Stanton	KSU	53.7	49	57	59	50	59.2
*TX01M5009	TAMU	51.8	5	72	64	67	57.7
TAM 112	TAMU	51.8	62	48	48	50	59.2
Jagger	KSU	51.5	43	56	57	50	57.2
***2145+Coronado+Fannin		51.5	45	51	60	50	59.5
***Fannin+Cutter+Sturdy2K		51.3	39	57	49	61	59.1
Overley	KSU	51.2	45	50	63	47	59.6
Jagelene	Agri-Pro	50.7	50	54	52	47	59.6
Dumas	Agri-Pro	50.4	39	58	57	47	58.2
*Agri-Pro 4342	Agri-Pro	49.7	43	53	57	46	60.1
*TX00V1117	TAMU	48.9	49	49	40	57	58.9
Cutter	Agri-Pro	47.2	44	50	50	45	58.3
TAM 202	TAMU	47.2	44	51	51	43	57.7
Trego	KSU	46.9	49	42	55	42	58.9
TAM W 101	TAMU	46.2	44	44	57	40	57.2
TAM 111	TAMU	45.3	51	45	41	44	59.6
***TAM111+Cutter+Sturdy2K		44.3	45	45	48	39	58.4
2145	KSU	43.4	47	37	53	36	57.0
Sturdy 2K	TAMU	41.3	43	39	42	41	57.3
Longhorn	Agri-Pro	37.8	7*	50	52	42	57.6
TAM 105	TAMU	36.3	41	37	39	28	56.7
AP502 CL	Agri-Pro	36.0	54	32	30	27	55.4
Thunderbolt	Agri-Pro	35.0	49	32	28	31	58.9
OK 102	OSU	34.4	40	29	39	29	57.7
TAM 110 CL	TAMU	31.7	47	24	31	25	56.4
Cisco	Goertzen	31.6	40	29	30	28	55.8
**Deliver	OSU	30.2	5	36	45	35	58.1
TAM 110	TAMU	28.5	49	22	23	21	55.8
TAM 107	TAMU	27.7	44	27	21	18	56.3
OK 101	OSU	27.4	38	20	29	23	56.6
Endurance	OSU	26.7	41	21	26	19	56.5
**Lockett	TAMU	26.1	6	34	32	32	54.7
**Abilene Ag	Abilene Ag	20.3	10	27	22	23	58.1
**HG-9	Hardeman Grain	18.7	11	20	21	22	58.4
Grand Mean			40.08	44.75	46.41	41.45	
CV			16.12	15.17	18.00	17.85	
LSD (5%)			8.47	10.76	10.02	10.03	

* Experimental wheat breeding lines

** Deer removed the wheat heads of the awnless varieties at Brady.

*** Equal mixture of three varieties.