

# South Texas – 2008 Uniform Spring Wheat Variety Trials

<http://varietytesting.tamu.edu>

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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 Spring Wheat Variety Trial (USWVT) is coordinated and implemented by numerous Texas AgriLife Extension and Research faculty and staff from College Station. Below is a table describing the predominant issues that affected the 2007-08 spring wheat crop at Castroville.

Location	Issues
Castroville (Irrigated)	Moderate leaf rust pressure; planted on December 17, 2007; seeding rate of 60 lbs/a.

**Rankings:** The rankings assigned to the varieties on the following pages were determined by 2008 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 supported by the Texas Wheat Producers Board, Texas AgriLife Extension Service, and Texas AgriLife Research.



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## Uniform Spring Wheat Variety Trial - Castroville 2008

2008 Rank	Variety	Grain Yield	Test Weight	Leaf Rust	PDM
		(bu/ac)	(lb/bu)	% Rating <sup>†</sup>	Rating <sup>††</sup>
		2008	2008	2008	2008
1	TAM 401**	66.9	57.6	R	1
2	Alsen//B1021/Norm*	64.6	60.4	R	4
3	ORL99169HR2*	63.3	59.9	R	0
4	ORL95477/Knudson*	59.6	58.8	R	0
5	PGranar/Norm-11*	58.4	59.6	R	0
6	Samson	57.9	59.3	10S	2
7	TX99U8544*	57.5	59.3	R	4
8	MN00921-4*	57.3	61.3	10S	3
9	TAM203**	57.2	59.6	R	3
10	Verde	57.0	60.1	10MS	0
11	MN00261-4*	56.6	61.3	20MS	3
12	Kuntz	54.9	59.8	5MS	0
13	TAM304**	54.9	56.5	R	2
14	Norm-11	54.6	58.6	R	2
15	Blade	53.7	61.4	R	2
16	Howard	53.1	60.4	R	3
17	Granite	53.0	61.8	40S	0
18	Faller	52.6	59.5	5MS	0
19	Ranquel	52.2	60.7	R	1
20	Verde/PReal*	52.1	60.0	10MS	1
21	Freyr	51.2	60.0	10S	0
22	Klein Proteo	50.2	60.5	R	4
23	Ada	49.9	60.9	R	3
24	Knudson	49.9	59.9	R	3
25	Klein Castor	49.2	60.9	5MS	3
26	Briggs	49.2	59.8	R	1
27	Traverse	49.1	57.8	10S	0
28	ORL95477/Knudson*	48.0	59.8	R	0
29	B240352*	47.7	60.1	R	3
30	Banton	47.5	61.3	5MR	0
31	HatTrick	46.5	60.7	5S	0
32	TX03M1179*	45.9	58.5	R	1
33	RB07*	42.9	60.2	R	0
34	MN03358-4*	41.7	59.8	10MS	3
35	Glenn	40.1	62.2	R	0
36	Caudillo	39.8	60.2	R	3
37	Trooper	36.8	61.5	15S	3
38	SD3851*	32.9	61.1	R	0
39	Rush	30.7	60.0	30S	0
40	Kelby	28.7	60.3	10MS	3

	<b>Mean</b>	<b>50.4</b>	<b>60</b>	-	-
*Experimental wheat lines	<b>CV (%)</b>	<b>10.7</b>	<b>0.9</b>	-	-
**Hard winter wheat varieties	<b>LSD (5%)</b>	<b>8.9</b>	<b>0.8</b>	-	-

<sup>†</sup>R - Resistant, MR - Moderately Resistant, MS - Moderately Susceptible, and S - Susceptible

<sup>††</sup>Powdery Mildew (PDM) Rating: 0 is Resistant and 5 is Susceptible.