



Table 6. Wheat performance trial at Jeanerette, LA for 2007, with two-year yield data sorted by two-year mean yields.

Brand / variety	Grain Yield		Test Wt	Head Day	Plant Height	Lod-ging	Leaf Rust	Sep toria	Stem Rust	Stem Rust	Pheno -type	
	2007	2-yr										
	bu/a	rnk	lbs/bu	of yr	in	0-9	%	0-9	0-9	0-9	0-9	
TERRAL LA482	100.3	2	95.6	no	85	35	0.0	0	2.5	0.0	0.5	3.0
AGS 2000	82.2	18	90.2	data	93	34	0.8	5	3.0	0.0	0.0	4.0
TERRAL LA841	85.1	14	89.2	taken	94	32	0.0	0	3.5	0.0	0.3	4.0
AGS 2060	85.0	15	88.4		89	36	0.5	0	2.5	0.0	0.0	4.0
USG 3209	92.5	8	86.6		96	31	0.0	0	1.0	0.0	0.0	4.0
AGS 2010	89.6	10	85.6		102	35	2.0	0	2.0	0.0	0.5	5.5
PIONEER 26R87	87.5	11	84.9	see	105	33	0.0	0	1.0	0.0	0.0	3.5
AGRIPRO COKER/MAGNOLIA	85.7	12	84.4	Tables	94	32	0.0	0	3.5	0.0	0.0	3.5
DK GR9108	82.3	17	82.4	1&2	95	36	0.0	0	3.0	0.0	2.8	4.0
PIONEER 26R61	79.1	22	77.0		95	34	0.0	0	2.0	0.0	0.8	3.5
RAGAN&MASSEY LA95135	67.6	31	76.6		104	37	0.0	0	2.0	0.0	1.3	4.0
USG 3295	70.0	30	74.6		105	31	0.0	0	1.0	0.0	0.0	5.0
LA95171CA58-3-2-C	72.4	27	70.9		97	34	1.5	0	2.0	0.3	5.5	4.0
AGRIPRO COKER 9553	65.2	34	70.0		103	33	0.0	0	2.0	0.5	3.3	4.5
TERRAL TV8558	48.6	40	59.8		106	32	0.0	0	2.0	0.3	4.8	6.5
DK 9577	49.6	39	57.9		105	34	0.0	0	2.5	0.3	6.0	6.0
CROPLAN 8302	60.8	37	57.4		112	34	1.0	0	2.0	0.0	2.3	6.0
AGRIPRO COKER/PANOLA	35.1	46	48.1		104	35	3.3	5	2.0	4.5	5.3	7.0
DIXIE 989	38.4	43	47.8		109	34	0.0	0	1.0	0.0	4.5	7.0
DELTA GROW 1600	35.5	45	45.9		109	34	0.0	0	1.0	0.0	6.3	6.5
DELTA GROW 5200	51.2	38	40.0		110	35	0.0	5	2.5	0.3	1.5	7.0
LA98133D-160-3-C	101.6	1			87	32	0.0	0	3.5	0.0	0.3	4.5
GA951231-4E25	95.9	3			100	31	0.0	0	1.5	0.0	0.8	5.0
GA96693-4E16	94.7	4			90	34	0.5	0	3.5	0.0	0.5	3.5
LA98202D-64-1-C	94.3	5			91	34	0.0	0	2.5	0.0	2.3	3.0
LA99124UC-59-3-2-B	94.1	6			91	31	0.0	0	2.0	0.0	0.3	3.0
LA98214D-14-1-2-B	93.2	7			92	35	1.3	0	3.5	0.0	0.3	3.0
LA99005UC-31-3-C	90.5	9			89	32	0.0	0	4.0	0.0	0.8	3.5
JAMESTOWN	85.3	13			93	28	0.0	0	2.0	0.0	0.0	3.5
GA951231-4E26	84.2	16			100	30	0.0	0	1.5	0.0	0.0	4.0
LA978UC-36-1-1-B	81.8	19			91	31	2.3	0	1.5	2.5	3.8	4.0
LA98064D-9-1-3-B	80.5	20			96	35	0.0	3	1.5	0.0	0.3	4.5
LA99120UC-60-1-4-B	79.5	21			95	30	0.0	3	2.0	0.0	0.3	3.5
LA978UC-101-1-1-1-C	78.7	23			90	33	3.3	0	3.5	1.0	2.5	4.0
LA98149BUB-3-4-B	77.8	24			95	33	0.0	0	2.5	0.0	2.3	4.5
AGRIPRO COKER 9700	76.3	25			92	30	1.0	0	2.0	2.5	3.8	4.5
LA98113D-41-1-C	76.3	26			91	33	0.0	0	4.0	0.0	0.0	4.0
VA02W-555	70.7	28			105	30	0.0	0	1.5	0.0	0.0	5.5
AGS 2031	70.4	29			103	31	0.0	0	1.0	0.0	0.0	5.5
USG 3477	66.1	32			110	40	1.8	1	1.5	0.0	1.8	6.5
DK XTJ734	65.2	33			105	38	0.5	0	1.5	0.0	3.3	7.0
TERRAL TVX81170	64.3	35			107	37	0.0	0	1.0	0.0	3.0	7.0
USG 3592	62.8	36			99	36	1.8	0	2.0	0.3	4.3	6.0
USG 3706	40.8	41			107	28	0.0	0	2.5	0.3	3.8	7.5
DK XTJ724	39.2	42			115	34	0.0	0	1.0	0.0	3.0	7.0



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Brand / variety	Grain Yield		Test	Head	Plant	Lod-	Leaf	Sep	Stem	Stem	Pheno	
	2007	rnk	2-yr	Wt	Day	ging	Rust	toria	Rust	Rust	-type	
	bu/a			lbs/bu	of yr	in	0-9	%	0-9	0-9	0-9	
DK XTJ730	38.2	44			112	34	0.0	0	1.5	0.0	5.0	6.0
USG 3X633	34.2	47			108	33	0.0	0	1.0	0.8	5.5	7.0
CROPLAN 8309	24.8	48			112	32	0.5	19	1.0	0.0	2.3	8.0
DK XTJ732	not vern	49			not vern	31	0.0	5	0.5	0.0	0.8	8.0
Mean	71.5				99	33	0.4	1	2.1	0.3	1.9	5.0
CV	16				1	4	277	409	39	329	66	15
LSD (0.10)	13.6				2	2	1.4	NS	1.3	1.0	1.5	1.3

Iberia Research Station, Jeanerette, LA. John Richard, Gregory Williams, and Sonny Viator.

Cultural and Site: Baldwin silty clay. Fallow previous crop. 20-0-0 ammonium sulfate fertilizer on 12/7/2006. Planted 11/17/2005. 85-0-0 topdress on 2/8/2007. 3oz/acre Sencor herbicide. Harvested 80 ft-square plots on May 24, 2007.

Excellent test. Good planting conditions and stand. Some vernalization problems. Very wet January and dry spring. Light leaf rust pressure. Very heavy stem rust pressure, 0 = none and 9 = very severe. Initial stem rust infection was non-uniform such that within a given variety one rep might have a rating of 2 and another rep a rating of 8. This contributed to higher yield VCs since those plots severely infected early yielded very little and lodged. In one variety yields ranged from 80 to 9 bu/acre but these corresponded very closely with stem rust and lodging ratings in those plots.

Bold 'Brand/variety' indicates the entry is commercially available, others are non-released breeding lines.

Lodging rated on a '0-9' scale where a '0' indicates no lodging.

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best.