



Table 4. Wheat performance trial at Baton Rouge, LA for 2006 with two-year mean yields, sorted by 2-yr mean yields.

Brand / variety	Grain Yield		Test Wt	Head Day	Lod ging	Leaf Rust	Pheno -type	*NOTES	
	2006	2-Yr							
	bu/a		lbs/bu	day of yr	0-9	%	0-9		
TERRAL LA482	79.9	3	85.6	57.9	76	1.5	3	3.8	
TERRAL LA841	78.0	5	81.7	56.0	76	2.8	0	2.5	
PIONEER/26R61	75.9	9	80.7	60.0	78	0.8	0	3.3	
AGS 2000	87.9	1	79.9	59.4	78	2.0	0	3.8	
LA97113UC-124-3-B	74.6	10	78.5	60.0	78	1.5	1	3.5	
DELTA KING GR9108	70.6	15	77.9	57.3	78	2.3	3	4.3	SR
LA95135D54-2-3-C	72.3	13	76.5	58.6	81	3.3	0	3.8	
LA95171CA58-3-2-C	68.3	18	75.8	56.7	79	0.8	0	3.5	
GA951079-2E31	64.4	23	73.9	59.0	79	2.0	0	4.0	
USG 3209	68.8	17	72.5	57.9	78	2.3	8	4.5	
AGRIPRO COKER 9553	73.0	12	72.4	60.7	80	1.3	0	3.8	
LA98094BUB-58-5-B	65.0	22	69.8	57.6	75	3.8	0	4.3	
LA9554D68-3-2-C	67.9	19	68.5	56.3	78	1.8	1	3.5	
AGRIPRO COKER/PANOLA	62.6	25	68.1	58.1	81	1.8	1	4.0	
DELTA KING 9577	58.7	26	67.1	57.5	84	2.8	8	6.0	
TERRAL TV8466	66.4	20	66.4	58.1	83	2.8	3	6.3	
GA951216-2E26	57.8	29	65.9	59.6	79	0.8	1	4.3	
VIGORO MCINTOSH	57.0	30	64.1	58.4	80	5.3	0	4.3	
TERRAL TV8558	58.5	27	62.4	57.2	87	3.3	2	6.0	SR
AGRIPRO COKER/BERETTA	42.4	35	55.9	53.9	89	1.3	2	7.3	PVL
DIXIE 9812	39.1	38	52.1	58.2	91	2.5	3	7.5	PVL,PM,SR
DELTA KING 7830	29.2	41	45.8	56.0	95	3.0	4	8.0	PVL
DELTA GROW 4100	29.9	40	44.7	56.6	95	2.5	4	8.0	PVL
DELTA KING 7710	14.5	49	41.4	50.6	98	6.3	0	7.8	PVL,SR
USG 3350	25.7	46	40.8	55.5	97	2.3	8	7.5	
DIXIE 9512	25.9	45	40.6	54.7	95	2.8	5	8.0	PVL
CROPLAN 554W	26.0	44	34.2	56.1	90	3.5	33	7.5	
AGRIPRO COKER/MAGNOLIA	80.1	2		58.4	79	0.8	2	4.0	
FLEMING	79.9	3		59.7	77	0.5	0	3.8	
AGS 2060	77.4	6		60.8	78	4.0	0	3.5	
GA96229-3A41	77.4	6		59.1	79	1.3	0	3.3	
PIONEER 26R87	77.2	8		61.5	79	2.3	1	4.0	
GA96229-3E39	74.1	11		59.4	80	1.0	0	4.3	
GA951395-3E25	72.1	14		60.8	88	2.3	0	6.5	
GA951395-3A31	68.9	16		60.7	84	2.5	0	6.3	
LA9415D104-5-2-B-3-B	65.4	21		59.3	73	4.0	0	4.5	
VIGORO WX8501	63.0	24		58.5	84	2.3	7	6.0	SR
CROPLAN 8302	58.5	27		57.7	92	3.3	1	6.5	
VIGORO DOMINION	56.9	31		58.1	82	1.8	15	6.5	
FL91226	56.2	32		55.5	79	3.5	18	4.8	
FL98031	54.5	33		59.2	80	5.0	0	5.3	
DELTA GROW 1600	48.9	34		55.7	90	3.5	0	6.5	
TERRAL TVX8331	40.8	36		53.7	94	3.5	3	7.5	PVL
DIXIE DX989	39.5	37		54.8	90	2.8	1	6.5	SR
DELTA GROW 5200	33.0	39		57.3	95	3.5	4	7.8	PVL



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	2006	2-Yr						
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TERRAL TVX8332	28.6	42	55.3	96	5.3	4	8.3	PVL
USG 3244	28.5	43	54.6	97	4.0	5	8.0	
DIXIE 357	25.3	47	55.0	97	3.8	7	8.3	
TERRAL TVX83H504	23.4	48	55.5	96	5.5	5	8.0	NV/PVL
TERRAL TVX8660	13.6	50	47.4	93	1.5	2	6.8	SR
Mean	55.8	64.6	57.3	84	2.5	3	5.5	
CV	12	10	2	3	33	69	9	
LSD	8.1	16.3	1.1	3	1.0	4	0.8	

Ben Hur Farm, Central Stations, Baton Rouge, LA. Steve Harrison Kelly Arceneaux, and Glenn Schexnayder.

Cultural and Site: Planted on 11/21/05. 14-46-90 preplant fertilizer. 90-0-0-6 topdress on 2/9/06. 4 oz Sencor + 0.4 oz/acre Harmony Extra on 1/11/06. Harvested on May 11, 2006. Very dry from mid February through May. Heading about 14 days early due to very warm winter. A number of entries did not properly vernalize. Light disease pressure except for moderate leaf rust.

NOTES: **PVL** indicates the entry appeared to only partially vernalize and heading was late and incomplete. **NV** indicates not vernalized (inadequate cold weather to trigger heading). **SR** indicates that stem rust was present on this variety - stem rust came in late, was sporadic, and did not cause yield loss. **PM** indicates some powdery mildew present.

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

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