



Table 4. Wheat performance trial at Baton Rouge, LA for 2007 with two-year mean yields, sorted by 2-yr mean yields.

Brand / variety	Grain Yield		Test Wt	Seed Qual	Head of yr	Plant Ht	Lod ging	Leaf Rust	Sept -oria	Pheno -type	*NOTES	
	2007	2-Yr										
	bu/a	rnk	lbs/bu	0-9		in	0-9	%	0-9	0-9		
AGS 2000	77.6	6	82.7	58.1	1.5	84	39	2.0	0	2	3.3	
TERRAL LA841	80.4	1	79.2	55.4	1.5	88	39	1.5	0	2	3.0	
TERRAL LA482	78.2	3	79.0	56.2	2.5	83	40	1.0	3	1	3.2	
AGRIPRO COKER/MAGNOLIA	75.3	16	77.7	56.9	1.0	86	38	1.0	0	3	3.2	
AGS 2060	76.5	19	76.9	59.3	1.0	86	41	2.0	0	1	3.5	
PIONEER 26R87	71.0	37	74.1	58.6	1.5	94	35	1.0	0	1	4.5	eot
PIONEER 26R61	71.6	35	74.0	58.0	1.5	87	40	1.0	3	1	3.3	
RAGAN&MASSEY LA95135	72.3	27	72.3	57.3	2.0	93	41	1.5	0	1	4.2	eot
DK GR9108	72.6	22	71.5	56.8	1.5	87	42	1.0	0	1	4.0	eot
AGRIPRO COKER 9553	68.6	44	70.8	59.1	2.5	93	39	1.0	0	1	3.7	
LA95171CA58-3-2-C	72.4	24	70.1	56.2	1.5	89	39	1.5	0	1	4.0	
USG 3209	70.3	41	69.5	57.4	2.5	88	34	1.0	0	1	5.0	
AGRIPRO COKER/PANOLA	72.0	31	67.3	57.6	2.0	93	39	1.0	0	1	3.5	eot
USG 3295	58.8	65	65.4	57.2	2.5	98	36	1.0	0	1	6.7	eot
DK 9577	71.8	34	65.3	57.5	2.5	93	38	1.0	1	1	5.3	eot
TERRAL TV8558	71.8	32	65.2	58.1	2.0	95	38	1.0	3	1	5.3	
AGS 2010	65.0	53	64.7	57.6	2.5	91	40	2.0	0	3	5.0	
CROPLAN 8302	62.5	61	60.5	49.6	6.5	107	39	1.0	0	1	5.8	eot
DELTA GROW 1600	60.3	64	54.6	52.6	3.0	102	40	1.0	0	1	6.7	eot
DIXIE 989	68.1	46	53.8	55.6	3.5	39	39	1.0	0	1	6.3	eot
DELTA GROW 5200	64.3	56	48.6	57.0	3.5	105	41	1.0	8	1	5.5	pv
LA98202D-64-1-C	78.7	2		57.0	1.5	83	39	2.0	0	2	3.0	
LA978UC-36-1-1-B	78.0	4		56.4	2.0	83	37	1.0	0	3	3.3	
LA98214D-14-1-2-B	77.6	5		56.7	2.0	86	39	1.5	0	1	3.2	
LA98149BUB-3-4-B	77.4	7		57.1	1.0	88	40	1.0	0	1	3.7	ragged
GA96693-4E16	77.1	8		58.0	1.0	84	41	2.0	0	1	3.0	
LA98064D-9-1-3-B	76.8	9		57.6	1.5	93	40	1.0	0	1	5.2	
LA99005UC-31-3-C	76.3	15		56.6	2.0	80	36	1.0	0	1	3.2	
LA978UC-101-1-1-C	74.8	18		56.1	2.5	83	39	2.0	0	3	3.7	
LA99124UC-59-3-2-B	72.8	19		58.1	2.0	85	37	1.5	0	2	3.2	
USG 3592	72.6	21		58.3	3.0	88	40	1.0	0	1	5.5	eot, ragged
AGRIPRO COKER 9700	72.3	25		57.9	1.5	86	37	1.0	0	1	3.5	
LA98133D-160-3-C	72.3	28		56.9	1.0	80	38	1.5	0	3	3.3	
GA951231-4E26	72.2	30		56.6	3.0	90	35	1.0	0	1	4.7	eot
LA98113D-41-1-C	70.9	38		58.4	2.0	81	38	1.5	0	1	3.2	
LA99120UC-60-1-4-B	70.4	40		56.1	2.0	87	35	1.0	0	1	2.7	eot
GA951231-4E25	68.6	43		55.8	3.5	90	35	1.5	0	1	4.5	eot
TERRAL TVX81170	67.1	47		55.9	2.0	101	41	1.0	0	1	5.7	
VA02W-555	66.8	49		55.9	2.0	91	34	1.0	0	1	5.0	
DK XTJ734	66.4	50		57.1	2.0	99	41	1.0	1	2	5.7	pv
JAMESTOWN	65.3	52		56.5	2.5	84	35	1.0	0	1	3.2	
USG 3706	65.0	55		57.1	2.5	93	34	1.0	0	1	5.8	
USG 3X633	63.1	58		55.2	2.0	101	37	1.0	0	1	6.2	
AGS 2031	62.9	59		58.1	1.5	93	35	1.0	0	1	5.7	eot
DK XTJ730	61.3	62		52.7	3.0	107	38	1.0	0	1	6.3	



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Brand / variety	Grain Yield		Test	Seed	Head	Plant	Lod	Leaf	Sept	Pheno	*NOTES
	2007	rnk	2-Yr	Wt	Qual	Day	Ht	ging	Rust	-oria	
	bu/a		lbs/bu	0-9	0-9	of yr	in	0-9	%	0-9	0-9
USG 3477	56.6	67	56.7	3.0	102	42	1.5	5	1	5.7	eot
DK XTJ724	56.2	68	47.3	6.0	105	40	1.0	0	1	6.0	nv
CROPLAN 8309	41.7	70	47.9	6.0	101	39	1.5	3	7	7.0	eot
DK XTJ732	31.2	71	43.7	8.0		38	1.0	0	1	7.5	
MEAN	69.0		68.6	56.1	2.5	89	38	1.2	0	4.6	
CV	8		9	2	22	1	3	26	308	10	
LSD	7.2		13.9	1.3	0.9	2	2	0.5	3	0.7	

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

Cultural and Site: Planted on 11/13/06. 20-60-60 preplant fertilizer. 97-0-0 topdress. 2.5 oz Sencor + 0.4 oz/acre Harmony Extra. Harvested on 5/19/2007. Very wet January restricted tillering. Dry from mid February through April. A number of entries did not properly vernalize. Light disease pressure. Heavy rainfall after maturity reduced test weights, particularly for earlier-maturing entries.

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). All entries eventually headed out.. eot indicates that this variety had 'early off-types', probably just early-heading plants in response to the very mild winter.

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

Seed Quality is relative visual appearance of seed at harvest; 0 = excellent, 9 = very poor.

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