



Table 5. Wheat performance trial at Crowley, LA for 2009 with two-year mean yields, sorted by 2-yr mean yields.

Brand / variety	Grain Yield		Test Wt	Head Day	Plant Ht	Lod ging	Leaf Rust	Leaf Blotch	Fus. Hd.Bl.	Fus. Indx	Fus. DON	Pheno -type
	2009	2-Yr										
	bu/a	bu/a	lbs/bu	of yr	in	0-9	%	0-9	0-9	%	0-9	0-9
DYNA-GRO BALDWIN	80.8	2	81.7	56.9	78	36	0.3	0	1.0	4.0	8	4.0
AGS 2035	73.9	6	77.6	56.7	72	34	1.8	0	0.5	3.5	10	4.0
TERRAL LA821	69.3	19	77.5	56.9	74	33	1.0	0	1.0	1.5	1	3.5
AGS 2020	71.1	13	73.8	57.3	71	33	1.8	0	1.0	1.5	3	3.5
LA01138D-55	72.6	9	72.4	57.4	75	33	1.3	0	2.5	2.0	13	4.0
TERRAL LA841	73.4	8	71.9	57.4	76	32	2.0	15	1.5	3.0	15	4.0
PIONEER 26R61	73.6	7	71.5	57.1	78	36	0.5	13	1.0	6.0	43	4.5
USG 3592	63.7	32	71.3	56.7	88	36	0.0	0	1.0	2.5	13	3.5
AGS 2060	59.9	39	69.5	56.9	69	34	2.3	0	1.0	1.0	1	3.5
JAMESTOWN	71.2	12	69.1	56.9	75	32	1.3	3	1.5	2.5	1	4.0
MAGNOLIA	76.1	5	68.5	57.2	74	35	2.0	13	1.0	1.0	1	5.0
TAMSOFT 700	67.2	24	68.3	57.2	81	32	1.5	0	1.0	5.5	15	5.0
AGS 2031	65.5	27	68.0	56.6	89	32	0.0	0	1.0	2.5	20	6.0
TERRAL LA482	69.6	17	67.5	56.9	70	35	2.3	3	1.0	2.0	13	6.0
RAGAN&MASSEY LA95135	65.1	28	67.4	57.2	85	37	0.0	0	1.0	3.0	25	4.0
DELTA KING DK9108	70.9	14	66.0	57.2	75	37	2.3	7	1.5	2.0	3	4.5
DIXIE 427	66.2	26	65.4	55.9	88	35	0.5	7	1.0	2.0	3	5.5
USG 3295	61.9	33	65.3	56.4	92	32	0.0	0	1.0	2.0	5	5.0
AGS 2026	57.2	44	62.9	57.5	85	32	1.3	4	1.0	6.0	13	5.0
COKER 9700	61.8	34	61.2	56.7	73	31	1.0	5	1.0		8	5.0
PIONEER 26R87	53.3	46	59.7	57.3	87	33	0.3	2	1.0	2.5	5	4.5
USG 3555	57.8	43	59.3	56.6	89	31	0.0	23	1.0	0.5	3	6.0
PROGENY 117	58.1	41	55.6	56.9	78	36	4.5	25	1.5	3.0	1	6.5
DELTA KING DK9577	49.6	49	48.6	56.9	86	33	0.3	15	1.5	3.5	1	6.5
TERRAL TV8558	48.2	51	47.6	56.9	89	34	0.3	50	1.5	2.5	3	7.0
USG 3209	38.9	58	43.6	56.4	80	31	0.5	25	2.0	4.5	6	7.0
COKER 9553	46.3	53	42.7	56.6	87	34	1.0	20	2.0	2.5	3	6.5
USG 3350	34.0	62	37.4	56.0	99	35	0.8	7	3.5	2.0	3	6.5
X3546	94.5	1		56.7	76	33	0.8	4	2.0	2.0	3	4.0
GA-991336-6E9	79.4	3		57.5	69	35	2.0	0	1.0	1.0	1	3.5
GA-991371-6E12	77.7	4		56.8	69	34	1.0	0	2.0	1.0	3	3.0
LA01110D-150	72.5	10		57.5	78	37	2.3	3	1.0	2.5	20	4.0
LA01140D-70	71.9	11		56.6	76	36	1.5	3	1.5	3.0	10	4.0
LA01158D-55-8	70.0	15		56.8	70	31	3.3	8	1.0	3.0	3	5.0
LA01110D-84-1	69.9	16		56.9	76	35	1.8	7	1.0	3.0	5	4.0
LA01139D-56-1	69.4	18		57.4	75	29	3.5	7	2.0	3.0	8	5.0
HBK 3266	69.2	20		56.5	85	35	1.8	0	1.0	2.5	1	4.0
LA01162D-136-8-B	68.6	21		57.6	75	32	4.0	13	2.0	0.5	1	5.0
LA01110D-181-6	67.9	22		57.4	78	35	2.0	4	1.0	4.5	15	4.5
AR01120-56-7-C	67.5	23		57.6	80	29	2.3	5	2.5	3.5	10	4.5
AR01008-12-2-C	67.0	25		57.0	72	34	1.8	2	2.0	2.0	3	3.5
HBK 3443	65.1	29		57.2	79	32	2.5	40	1.5	4.0	15	6.0
VA04W-90	64.8	30		55.8	79	34	0.0	5	1.0	4.0	5	5.5
LA01110D-84-2	64.7	31		57.5	76	36	2.5	8	1.0	3.5	3	4.5
GA-991209-6E33	61.5	35		56.8	69	33	1.0	0	2.0	1.0	13	4.0
LA01143D-51-2-B	61.2	36		57.1	72	32	3.3	5	1.5	0.5	3	5.5
LA01110D-100-6-4	60.9	37		56.9	72	35	4.5	10	1.0	1.0	3	5.5
LA01005D-2-2-C	60.0	38		56.4	77	33	2.0	10	1.0	2.5	10	4.5
PIONEER XW07B	58.5	40		55.9	100	33	0.0	2	1.0	0.0	6	5.0
VA04W-259	58.0	42		55.5	96	30	0.0	0	1.0	0.5	10	5.0
DYNA-GRO OGLETHORPE	56.7	45		57.6	84	32	1.0	0	0.5	5.5	18	5.0
DIXIE 940	53.3	47		56.9	89	36	0.0	25	1.0	2.5	1	6.5
ARMOR ARX6202	49.6	48		56.2	96	33	0.0	18	1.5	1.0	1	6.0
PROGENY 136	49.0	50		56.4	102	33	0.0	20	1.0	0.0	6	6.0
ARMOR GOLD	46.7	52		57.2	88	34	1.8	60	2.0	1.5	3	6.5



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Brand / variety	Grain Yield		Test	Head	Plant	Lod	Leaf	Leaf	Fus.	Fus.	Fus.	Pheno	
	2009	rnk	2-Yr	Wt	Day	Ht	ging	Rust	Blotch	Hd.Blt.	Indx	DON	-type
	bu/a			lbs/bu	of yr	in	0-9	%	0-9	0-9	%		0-9
PROGENY 130	45.0	54		55.6	98	34	0.0	15	1.5	0.0	1		7.5
EXP SR39L47	42.4	55		57.7	87	32	1.5	13	2.0	5.5	1		6.5
AGS 2055	41.3	56		56.8	97	35	0.0	3	1.0	0.5	1		5.5
PROGENY 119	40.3	57		57.2	80	33	0.3	30	2.0	3.0	5		6.5
ARMOR 360Z	37.7	59		56.8	98	33	0.0	33	2.0	0.0	8		7.0
DELTA GROW 5200	37.3	60		56.0	99	33	0.3	5	2.0	0.0	6		6.5
ARMOR ARX840	36.0	61		56.3	102	32	0.0	8	1.0	0.0	3		6.0
DELTA KING DKX732	31.8	63		53.3	115	32	0.0	8			6		8.0
Mean	60.9		64.1	56.8	82	33	1.2	10	1.4	2.4	7		5.1
CV%	14		12	1	1	4	58	58	46	45	73		13
LSD (0.10)	10.3		9.4	0.9	1	2	0.8	10	1.1	1.9	9		1.1

Rice Research Station, Crowley, LA. Don Groth, Dustin Harrell, Ron Regan, and James P. Leonards.

Cultural and Site: Crowley silt loam. Wheat previous crop. 14-43-43 preplant fertilizer. Conventional tillage. Planted 86 lbs seed/acre on 10/30/2007. 2.5oz/acre Sencor plus 0.4 oz/acre Amber herbicides on 12/5/2005. 174 lb urea topdress on 2/25/2008. Harvested 105 ft-square plots on 5/13/2008.

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

Fus.Hd.Blt is a Fusarium headblight (scab) rating with 0 = none and 9 = severely headblighted during granfill.

Fus. ISK is an estimate of the percent scabby kernels in harvested grain. These are from hand-harvested samples from the yield plots that were threshed with very little air (to avoid blowing out scabby seed), cleaned by hand, and visually compared to known standards.

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

Leaf Blotch is a combination of septoria, xanthomonas, and other foliar diseases.