Table 4 . Wheat performance trial at Baton Rouge, LA for 2008 with two-year mean yields, sorted by 2-yr mean yields.

Brand / variety	Grain Yield 2008 bu/a	rnk	Grain Yield 2-Yr bu/a	Test Wt lbs/bu	Seed Qual 0-9	Head Day of yr	Plant Ht in	Lodging 0-9	Leaf Rust %	Sept-oria 0-9	Pheno-type 0-9	Bird Damage 0-9
LA99005UC-31-3	82.0	1	79.6	56.4	1.8	86	39	1.5	0	1.5	4.0	0.0
AGS 2060	**78.0**	3	**77.3**	**59.0**	**1.8**	**85**	**41**	**2.0**	**0**	**2.0**	**3.8**	**0.8**
LA978UC-36-1-1	71.4	6	74.2	55.2	3.0	86	36	0.8	0	2.5	4.3	0.0
AGS 2020	**69.6**	9	**73.4**	**57.7**	**2.0**	**89**	**40**	**3.5**	**0**	**2.5**	**4.5**	**0.3**
TERRAL LA841	**66.1**	18	**73.3**	**56.6**	**2.3**	**93**	**38**	**1.8**	**0**	**1.0**	**3.5**	**0.0**
TERRAL LA482	**67.9**	12	**73.0**	**55.7**	**2.5**	**83**	**40**	**1.8**	**20**	**3.0**	**5.0**	**1.5**
AGRIPRO COKER MAGNOLIA	**70.3**	8	**72.8**	**57.0**	**1.8**	**92**	**40**	**1.3**	**13**	**2.0**	**4.5**	**0.0**
RAGAN&MASSEY LA95135	**70.9**	7	**71.6**	**56.8**	**1.5**	**99**	**43**	**2.0**	**0**	**1.0**	**4.5**	**0.5**
LA98214D-14-1-2	66.6	16	71.4	57.9	1.3	89	40	4.0	0	1.5	3.8	0.0
LA98149BUB-3-4	64.3	21	70.8	57.5	2.5	94	37	1.0	2	2.5	4.8	0.0
COKER 9700	**69.2**	10	**70.7**	**58.0**	**1.8**	**90**	**36**	**0.8**	**1**	**2.0**	**4.0**	**0.0**
DELTA KING DK9108	**67.6**	13	**69.7**	**57.0**	**1.5**	**92**	**44**	**1.0**	**3**	**1.0**	**3.8**	**0.5**
PIONEER 26R61	**64.2**	22	**67.4**	**58.7**	**2.0**	**95**	**41**	**1.0**	**0**	**2.0**	**3.8**	**0.0**
AGS 2026	**59.6**	26	**65.9**	**55.5**	**2.5**	**99**	**35**	**2.8**	**0**	**1.0**	**4.8**	**1.3**
USG 3592	**58.4**	28	**65.5**	**50.8**	**2.8**	**105**	**39**	**2.8**	**0**	**1.0**	**5.0**	**0.5**
JAMESTOWN	**62.2**	24	**63.7**	**59.3**	**2.0**	**92**	**35**	**1.3**	**2**	**1.0**	**3.8**	**0.0**
AGS 2031	**63.7**	23	**63.3**	**57.3**	**1.8**	**105**	**35**	**1.3**	**0**	**1.0**	**4.5**	**0.5**
LA99120UC-60-1-4	48.1	34	59.3	55.1	3.3	91	35	6.0	70	2.0	5.3	1.0
USG 3555	**48.5**	33	**57.6**	**53.8**	**2.8**	**99**	**32**	**0.3**	**4**	**1.0**	**4.8**	**0.5**
USG 3295	**56.1**	29	**57.4**	**57.1**	**2.8**	**107**	**35**	**1.0**	**0**	**1.0**	**5.5**	**0.8**
AGS 2010	**49.1**	32	**57.1**	**56.8**	**3.0**	**104**	**42**	**3.8**	**0**	**1.0**	**5.0**	**1.5**
PIONEER 26R87	**42.8**	37	**56.9**	**58.0**	**2.8**	**104**	**36**	**2.0**	**8**	**1.5**	**5.0**	**0.3**
DELTA KING DK9577	**39.9**	39	**55.9**	**54.0**	**2.8**	**100**	**38**	**3.8**	**25**	**1.5**	**5.0**	**0.3**
AGRIPRO COKER 9553	**36.8**	40	**52.7**	**56.2**	**2.3**	**101**	**36**	**3.8**	**25**	**1.0**	**5.3**	**0.8**
TERRAL TV8558	**32.9**	45	**52.4**	**53.9**	**3.8**	**104**	**37**	**4.0**	**15**	**2.0**	**5.5**	**0.3**
USG 3209	**33.8**	44	**49.4**	**54.3**	**3.5**	**100**	**33**	**3.8**	**50**	**1.5**	**5.8**	**0.8**
TERRAL TVX81170	20.3	53	43.7	50.9	4.5	106	34	4.8	15	1.5	5.0	0.3
GA981622-5E35	79.6	2		58.8	1.3	90	41	1.0	0	1.0	4.3	0.0
GA981621-5E34	73.4	4		59.6	2.0	96	44	1.0	0	1.0	4.0	0.3
LA01138D-21	72.9	5		56.7	2.3	89	40	1.8	5	2.5	4.5	0.0
LA99164UC-53-1	68.9	11		54.0	2.0	85	40	1.5	1	2.5	4.3	1.0
DIXIE 427	**67.6**	14		**56.0**	**2.3**	**100**	**38**	**1.8**	**0**	**1.0**	**4.8**	**0.8**
TERRAL TVX85771	67.5	15		55.4	2.5	84	40	2.5	20	2.5	5.3	0.8
LA01113D-44	66.2	17		58.0	1.8	91	37	1.5	13	2.0	5.0	0.0
LA01138D-55	65.0	19		57.7	2.5	91	38	1.5	3	2.0	4.8	0.7
TX4A35	64.4	20		55.1	3.3	99	36	3.5	0	1.0	4.8	0.3
LA98064D-29-2-4	61.2	25		57.4	1.8	97	36	2.3	0	1.5	4.3	0.3
X3443	59.0	27		56.7	3.0	93	38	3.3	23	1.5	4.8	0.3
VA01W-205	51.3	30		55.9	3.0	107	31	0.8	0	1.0	5.5	0.8
PROGENY 1117	**50.0**	31		**56.5**	**1.8**	**93**	**40**	**6.3**	**68**	**1.5**	**5.3**	**0.5**
LA99042E-68	48.0	35		57.2	2.0	93	40	3.5	38	1.5	5.3	0.0
GA02603CT-7	47.2	36		55.6	2.0	87	36	5.5	70	2.5	5.8	0.3
USG 3342	**42.0**	38		**53.6**	**4.0**	**106**	**31**	**1.3**	**4**	**1.0**	**5.5**	**0.5**
USG 3350	**36.4**	41		**56.2**	**2.8**	**106**	**40**	**3.3**	**5**	**1.0**	**6.5**	**1.3**
DIXIE 454	**35.2**	42		**57.5**	**2.5**	**109**	**38**	**3.8**	**0**	**1.0**	**5.0**	**3.0**
PROGENY 185	**35.1**	43		**53.4**	**3.8**	**105**	**37**	**1.3**	**13**	**1.0**	**5.5**	**0.0**
HBK 3128	**32.0**	46		**55.0**	**3.8**	**109**	**37**	**4.0**	**13**	**1.0**	**5.8**	**1.0**
TERRAL TVX85089	31.4	47		53.8	4.3	108	37	4.0	5	1.0	5.5	0.5
USG 3665	**29.3**	48		**54.1**	**4.3**	**108**	**37**	**4.3**	**5**	**1.0**	**5.8**	**0.8**
PROGENY 145	**28.5**	49		**55.6**	**3.3**	**107**	**41**	**3.3**	**10**	**1.0**	**6.3**	**1.3**

Table 4 . Wheat performance trial at Baton Rouge, LA for 2008 with two-year mean yields, sorted by 2-yr mean yields.

Brand / variety	Grain Yield 2008	rnk	2-Yr	Test Wt	Seed Qual	Head Day	Plant Ht	Lodging	Leaf Rust	Septoria	Pheno-type	Bird Damage
	bu/a			lbs/bu	0-9	of yr	in	0-9	%	0-9	0-9	0-9
D04*9804	28.0	50		54.1	4.5	107	36	5.0	13	1.0	5.0	0.5
DELTA GROW 7400	**27.6**	51		**56.6**	**3.0**	**110**	**37**	**1.5**	**3**	**1.0**	**5.5**	**1.3**
PROGENY 166	**27.3**	52		**55.6**	**3.5**	**107**	**39**	**4.0**	**10**	**1.5**	**6.5**	**0.8**
PROGENY 122	**18.3**	54		**53.1**	**3.8**	**109**	**36**	**5.0**	**13**	**1.0**	**5.8**	**1.8**
PROGENY 127	**18.2**	55		**56.4**	**3.5**	**111**	**34**	**2.8**	**10**	**1.0**	**5.8**	**3.0**
MEAN	**52.5**		**68.6**	**56.0**	**2.7**	**98**	**37**	**2.6**	**11**	**1.5**	**4.9**	**0.6**
CV%	**10**		**9**	**4**	**23**	**1**	**3**	**45**	**74**	**29**	**9**	**136**
LSD (0.10)	**6.3**		**13.9**	**2.3**	**0.7**	**2**	**2**	**1.4**	**13**	**0.7**	**0.8**	**1.0**

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

Cultural and Site: Planted 11/10/2007. Harvested 5/29/2008. 18-46-60 preplant + 90-0-0 topdres fertilizer. 0.40 Harmony X + 4.75 oz/aacre Osprey herbicide. Wet December and January. Late harvest due to late-heading entries resulted in lowered test weight of earlier lines.

NOTES: This test harvested late because of so many late-heading/maturing entries. As a result, birds damaged either very early or very late entries. Test weights of early entries were also lowered due to heavy rainfall after maturity (6"+).

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.