



Table 27. Oat variety trial across Louisiana for two years, 2007, and 2008.

	Grain Yield	Test Wt	Seed Qual	Winter Stress	Grow Habit	Head Day	Plant Ht	Lod Score	Crown Rust	Stem Rust	Pheno type
Brand / variety	bu/a	lbs/bu				of yr	in	0-9	%	0-9	0-9
TX02U7682	132.5	34.5	2.8	3.2	5.5	87	41	0.6	0	0.7	4.4
HORIZON 270	130.8	34.6	2.7	4.6	4.5	88	37	0.4	0	1.6	4.4
FL99212	129.0	33.9	2.0	2.8	4.3	94	41	0.4	0	2.8	4.8
LA99016	128.1	36.2	2.3	3.2	6.4	94	46	0.5	0	1.6	3.8
HORIZON 201	125.4	33.9	2.5	2.2	5.1	91	46	1.0	0	3.1	4.3
LA99011SBSBSB-45-B-S-B-S2	121.1	35.4	2.5	5.2	3.5	97	42	0.5	0	1.3	5.1
TERRAL TROPHY	117.3	36.0	2.2	2.6	4.8	91	43	0.9	0	3.1	4.0
TX02U7473	117.1	34.7	3.0	3.0	4.4	84	45	1.1	0	0.4	3.8
TAMO 406	113.8	35.5	2.8	3.6	5.6	94	41	2.7	0	1.1	3.8
TAMO 405	112.9	34.2	3.2	3.0	6.5	87	35	2.9	0	0.7	3.9
PLOT SPIKE LA9339	111.8	34.2	2.7	2.8	5.1	99	41	0.3	1	2.9	4.2
LA0001BSBS-5-S2-S-B-S2	102.2	35.8	3.2	3.6	5.5	92	36	0.4	0	1.1	4.5
BROOKS	70.9	29.7	4.3	2.8	4.9	92	45	4.6	71	3.5	4.7
Mean	116.5	34.5	2.8	3.3	5.1	92	41	1.3	6	1.8	4.3
CV%	10	3	17	19	11	1	6	74	63	38	16
LSD (0.10)	13	2	NS	NS	1	3	3	1.5	1	1.1	0.6

Data from: Baton Rouge and Winnsboro for 2007 and 2008.

Bold indicates a released (commercial) variety, others are non-released breeding lines.

Seed Quality: 0=excellent, plump, bright; 9 = very poor.

Winter Stress is discoloration due to cold and wet weather: 0 = healthy green, 9 = severely discolored & stressed.

Grwoth Habit: 0 = very upright spring growth; 9 = very prostrate winter growth habit.

Lodging and Stem Rust: 0 = none, 9 = severe

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