



Table 23. Oat variety trial across Louisiana for three years, 2008, 2009 and 2010.

	Grain Yield	Test Wt	Wint Stress	Leaf iness	Head Day	Plant Ht	Lod Score	Crown Rust	Stem Rust	Pheno type
Brand / variety	bu/a	lbs/bu	0-9	0-9	of yr	in	0-9	%	0-9	0-9
HORIZON 270	101.8	31.4	3.8	5.6	91	38	1.0	0	1.7	4.5
LA03046SBS7-B-S1	98.8	32.5	3.5	5.3	94	38	0.7	0	1.3	4.3
LA97006GSB-59-2-4-SBS1	96.3	31.9	3.3	4.8	94	38	1.2	0	1.4	4.3
LA99016	95.0	32.6	2.3	3.4	95	46	1.7	0	1.9	4.3
FL99153FBS-45-1-B-S-B-S1-B-S1	94.7	34.0	4.3	3.4	97	39	1.1	0	1.0	4.2
TX02U7682	94.6	31.5	3.7	4.3	89	40	1.4	0	1.0	4.4
HORIZON LA976	93.0	33.3	3.5	4.3	95	43	3.2	0	1.6	3.8
HORIZON 201	92.3	31.2	2.7	3.5	93	45	2.9	0	2.6	4.7
LA99017	92.1	31.7	2.3	3.5	98	48	0.8	0	1.6	4.6
PLOT SPIKE LA9339	85.9	31.7	2.2	3.9	101	44	1.2	1	2.3	4.4
BROOKS	57.9	27.5	2.0	4.1	94	44	7.1	75	2.9	5.0
Mean	91.1	31.8	3.1	4.2	95	42	2.0	7	1.7	4.4
CV%	13	3	20	9	1	6	67	44	46	10
LSD (0.10)	11.9	1.3	NS	0.9	2	2	1.1	4	NS	NS

Data from Baton Rouge 2008 and Baton Rouge, Bossier City and Winnsboro, LA for 2009 and 2010.

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

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

Winter Stress: 0 = none, healthy & green; 9 = severe discoloration and stress..

Leafiness: visual estimate of leaf (forage) production: 0 = excellent, 9 = very poor.

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