



Table 30. Oat variety trial across Louisiana for two years, 2008 and 2009.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Seed Qual 0-9	Wint Stress 0-9	Grow Habit 0-9	Leaf iness 0-9	Head Day of yr	Plant Ht in	Lod Score 0-9	Crown Rust %	Stem Rust 0-9	Pheno type 0-9
HORIZON 270	127.2	32.6	2.8	4.6	4.3	5.6	85	41	1.0	0	1.4	4.2
FL99212	120.5	31.7	2.0	3.2	4.3	5.3	91	42	1.0	0	2.0	4.6
TX02U7682	119.5	32.7	2.9	2.8	5.5	4.3	83	43	1.4	0	0.8	4.1
LA97006GSB-59-2-4-SBS1	119.5	32.8	2.4	3.8	4.4	4.8	90	40	1.4	0	1.4	4.3
LA03046SBS7-B-S1	118.2	33.5	2.3	4.2	4.5	5.3	90	41	0.8	0	1.2	4.3
LA99016	116.5	34.1	2.3	2.6	6.6	3.4	91	49	1.8	0	1.8	4.3
LA99017	111.9	33.0	2.8	2.6	6.9	3.5	95	53	0.8	0	1.4	4.6
HORIZON LA976	111.6	34.6	2.5	3.4	5.5	4.3	91	46	3.3	0	1.6	3.6
TX02U7490	109.8	31.0	2.4	2.8	5.0	4.8	85	44	1.6	0	1.0	4.2
FL99153FBS-45-1-B-S-B-S1-B-S1	109.6	34.9	1.1	2.8	6.1	3.4	94	43	0.8	0	1.2	4.1
HORIZON 201	107.5	32.2	2.6	2.8	5.6	3.5	89	49	2.5	0	3.2	4.6
TX02U7473	104.9	32.5	3.3	3.0	5.6	4.0	82	46	2.1	0	0.6	3.6
TERRAL TROPHY	102.9	34.3	2.3	3.0	4.8	3.9	89	46	3.0	0	3.0	3.9
PLOT SPIKE LA9339	99.3	32.1	2.6	2.6	5.1	3.9	98	46	1.2	1	2.8	4.5
BROOKS	61.1	28.1	6.0	3.0	4.9	4.1	89	47	7.2	75	3.2	5.1
Mean	109.3	32.7	2.7	3.1	5.3	4.3	90	45	2.0	5	1.8	4.3
CV	11	3	22	18	9	11	1	6	65	51	41	11
LSD	13.0	1.5	0.6	NS	0.8	0.8	2	3	1.2	3	1.3	0.7

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

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

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

Seed Quality: 0 = excellent, 9 = very poor.

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

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

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.