



Table 9. Oat variety trial across Louisiana for two years, 2011 and 2012.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Seed Quality 0-9	Wint Stress 0-9	Leaf iness 0-9	Head Day of yr	Plant Ht in	Lod Score 0-9	Crown Rust %
HORIZON 270	114.0	33.0	5.7	4.0	5.4	89	47	1.5	0
Horizon 201	94.3	31.9	5.7	4.0	4.4	90	51	4.8	1
LA99016	90.7	34.1	5.7	3.0	3.6	92	49	2.4	0
TAMO 406	81.7	33.4	6.7	3.0	4.6	90	47	5.1	9
TAMO 411	81.1	31.1	6.3	3.5	3.8	90	46	2.0	6
LA99017	81.1	32.8	5.3	3.5	4.6	94	50	2.8	2
LA04004SBSB-7-B-S1	76.9	34.8	6.0	4.0	6.0	88	44	4.4	2
PLOT SPIKE LA9339	53.7	29.1	7.0	3.0	3.4	95	53	1.1	32
BROOKS	50.9	28.1	9.0	3.5	4.2	90	53	6.9	90
FL02011NUDA	49.8	41.2	5.0	5.5	3.6	89	49	1.9	1
Mean	77.9	33.2	6.2	3.7	4.4	94.0	49.0	3.2	14.0
CV%	13	3			20	2		39	31
LSD (0.10)	21.4	2.9			NS	1.7		2.4	22.0

Data from Baton Rouge and Winnsboro for 2012..

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.