



Table 10. Oat variety trial across Louisiana for three years, 2010, 2011 and 2012.

Brand / variety	Grain Yield	Test Wt	Seed Quality	Wint Stress	Leaf iness	Head Day	Plant Ht	Lod Score	Crown Rust	Stem Rust
	bu/a	lbs/bu	0-9	0-9	0-9	of yr	in	0-9	%	0-9
HORIZON 270	85.4	31.1	5.7	3.9	5.4	95	38	1.4	0	2.5
Horizon 201	80.0	30.7	5.7	3.0	4.4	95	41	4.9	1	1.0
LA99016	75.4	31.9	5.7	2.5	3.6	97	42	2.2	0	2.0
TX05CS347-1	71.8	30.7	6.3	3.0	3.8	98	38	1.8	6	1.0
LA99017	70.4	31.1	5.3	2.6	4.6	99	42	2.4	2	2.0
PLOT SPIKE LA9339	60.0	30.2	7.0	2.4	3.4	100	43	1.1	32	1.0
BROOKS	51.9	27.2	9.0	2.4	4.2	97	42	6.8	90	2.0
Mean	70.8	30.5	6.4	2.8	4.2	97.0	41.0	2.9	19.0	1.6
CV%	15	3		16	19	3	6	43	19	
LSD (0.10)	14.9	2.0		NS	NS	2.0	2.0	1.4	27	

Data from Bossier City, Baton Rouge, and Winnsboro for 2010; Baton Rouge for 2011; and 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.