



Table 32. Oat variety trial Baton Rouge, LA, 2009.

Brand / variety	Grain Yield	Test Weight	Seed Qual	Grow Habit	Wint Stress	Leaf-iness	Head Day	Plant Ht	Lod Score	Crown Rust	Stem Rust	Phen otype
	bu/a	lbs/bu	0-9	0-9	0-9	0-9	of yr	in	0-9	%	0-9	0-9
TX02U7682	111.6	32.3	3.0	5.5	4.5	4.0	82	45	1.0	0	0.5	4.0
HORIZON 270	111.4	33.3	3.0	4.5	7.0	5.0	84	42	2.0	0	0.5	4.5
FL0115-J2	107.8	32.5	3.5	5.5	4.0	4.0	88	45	0.0	0	0.5	3.5
LA99017	104.4	34.2	2.8	7.0	4.0	3.0	93	56	3.5	0	0.5	3.8
LA97006GSB-59-2-4-SBS1	98.3	33.3	2.5	4.0	6.0	5.0	85	41	2.5	0	1.5	4.5
TX05CS347-1	98.0	33.4	2.0	7.0	3.5	3.0	90	43	1.0	0	2.5	3.3
LA03063SBSBSB-S4	97.3	33.1	2.5	5.5	5.5	4.5	78	39	1.0	0	1.5	4.3
FL99212-D6	96.9	30.8	2.3	4.0	4.5	5.0	86	42	1.5	0	1.0	4.8
LA99016	93.4	34.4	2.3	7.0	5.0	3.0	86	48	3.5	0	1.5	4.2
LA02035-I-J1	92.5	35.2	1.0	5.0	7.0	4.0	89	49	1.0	0	0.5	4.5
LA03046SBS7-B-S1	89.2	33.1	2.3	5.0	6.5	5.5	87	42	1.5	0	1.0	4.0
FL99153FBS-45-1-B-S-B-S1-B-S	87.7	35.6	1.3	7.0	5.0	3.0	95	48	3.0	0	0.5	3.5
TX05CS556	84.0	31.6	3.5	4.5	2.5	5.0	78	39	5.0	0	4.5	5.0
TX02U7473	79.7	31.6	3.5	6.0	6.0	4.0	80	49	3.0	0	0.5	4.3
TX02U7490	76.3	30.6	2.5	5.0	5.5	4.5	84	47	3.5	0	1.0	4.7
Horizon 201	74.3	32.2	3.0	6.0	4.0	3.5	84	51	5.0	0	3.5	3.8
HORIZON LA976	71.2	35.6	2.5	5.5	6.5	4.5	85	49	6.5	0	0.5	4.2
TERRAL TROPHY	68.0	34.0	2.3	5.0	5.0	3.5	86	47	4.0	0	2.0	3.8
PLOT SPIKE LA9339	66.8	31.7	3.0	5.0	4.0	4.0	93	49	2.0	0	1.5	3.7
LA03060SBSBSB-S1	54.2	31.8	3.0	4.0	4.5	5.0	74	44	8.0	0	1.5	5.3
LA02010SBSBSBSB-S1	20.6	37.7	2.5	7.5	7.0	3.0	85	52	8.0	20	1.0	4.7
BROOKS	13.1	24.2	7.0	5.5	4.0	3.5	85	49	8.0	80	1.0	5.8
Mean	81.7	32.8	2.8	5.5	5.1	4.1	85	46	3.4	5	1.3	4.3
CV	17	2	21	8	10	9	1	3	24	33	76	7
LSD	16.3	0.9	0.7	0.7	0.9	0.6	2	3	1.4	3	1.7	0.5

Ben Hur Research Farm, Central Research Stations. Steve Harrison, Kelly Arceneaux, glenn Schexnayder, and Katie McCarthy.

Planted 11/16/2008. Harvested 5/14/2009. 0.40 oz/acre Amber herbicide + 4.75 oz/acre Harmony X. 0-0-60 preplant fertilizer, 65-0-0 topdress N.

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

Seed Quality is a visual rating of seed appearance with 0 being best and 9 worst.

Winter Stress is degree of orange/purpling after a very wet January, probably Waterlogging, cold and P-deficiency. 0 = healthy green color and 9 = completely orange or discolored.

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

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

Leafines is a visual estimate of the quantity of leaves produced (forage value)

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best, average of 2 ratings.