



Table 38. Oat Prelim-B at Baton Rouge, LA, 2009.

	Grain Yield	Test Weight	Seed Qual	Grow Habit	Wint Stress	Leaf-iness	Head Day	Plant Ht	Lod Score	Crown Rust	Stem Rust	Phenotype
Brand / variety	bu/a	lbs/bu	0-9	0-9	0-9	0-9	of yr	in	0-9	%	0-9	0-9
HORIZON 270	129.9	34.4	2.5	3.0	7.0	5.5	84	43	3.5	0	0.5	4.0
FL0522-FLID-B-S-B-S-92-S1	128.9	38.2	3.0	5.5	2.5	3.0	84	47	5.5	0	0.5	3.7
LA05006GSBS-65-S1	128.2	34.0	3.0	5.0	4.5	4.5	91	44	2.0	0	1.0	3.8
LA99016	121.8	35.1	3.0	6.5	6.0	3.5	89	47	4.0	0	1.0	4.0
LA99017SBSBSB-275-C-B-S2	118.3	34.8	3.0	6.5	4.0	3.5	92	59	2.5	0	0.5	4.3
LA04004SBSB-113	111.2	33.6	4.0	6.5	7.5	5.0	85	44	2.5	0	1.0	4.3
LA04004SBSB-121	111.2	34.8	3.5	6.0	6.0	4.0	86	49	5.0	0	0.5	4.2
LA03018SBSBSB-81-S1	106.8	29.4	3.5	5.0	4.5	3.0	93	51	5.5	0	1.0	3.8
LA05011GSBS-56-S1	106.1	33.0	2.0	5.5	7.0	5.0	85	46	4.5	0	0.5	4.7
LA06059SBS-84-S1	104.2	31.6	3.0	6.5	5.0	4.0	83	40	2.0	0	0.0	3.7
TROPHY	101.7	33.8	4.0	5.0	5.0	4.0	87	47	4.0	0	1.5	3.7
LA03018SBSBSB-65-S1	101.4	28.3	2.5	6.0	6.0	2.5	96	46	3.0	0	0.5	3.5
LA05006GSBS-7-S1	100.1	31.2	3.0	5.5	3.5	4.0	86	46	4.0	0	0.5	4.7
LA06053SBS-6-S1	100.0	32.1	2.5	6.5	6.5	4.0	85	41	2.5	0	0.5	3.7
LA06058SBS-32-S1	99.9	31.3	2.0	5.0	6.5	4.5	83	48	4.0	0	0.0	5.0
LA03046SBS7-B-S1-B1-S1	93.3	33.1	2.5	5.5	4.0	3.5	83	39	5.5	0	0.5	4.8
LA03012SBSBSBS-B-S1-11-S1	90.5	35.8	3.0	4.5	7.0	4.5	88	45	2.5	0	1.0	4.5
LA05006GSBS-5-S1	85.8	34.3	3.0	7.5	7.0	4.5	81	45	3.5	0	0.5	4.7
LA04022SBSBS-54	80.4	31.9	4.0	4.5	5.0	4.5	79	42	5.0	0	2.0	4.8
LA9339	76.7	32.3	2.5	4.5	4.5	5.0	92	48	2.5	0	0.5	4.2
LA02018SBSBS5-B-S1-G-S1-S1	73.1	33.0	4.0	2.0	3.5	3.5	81	45	7.0	0	0.5	4.8
LA05006GSBS-178-S1	70.3	29.5	2.5	7.0	3.0	4.5	97	47	1.0	0	0.5	3.8
LA03060SBSBSBS-3-S1	67.2	31.3	3.5	2.5	4.0	5.0	77	44	6.0	0	1.0	5.3
FL03167BSBS-BS-6-S1	63.0	31.0	1.5	5.5	4.5	4.5	91	47	6.5	0	3.0	4.7
Mean	97.2	32.8	3.0	5.3	5.2	4.1	86	46	3.9	0	0.8	4.3
CV	14	2	15	12	25	20	2	6	47		87	11
LSD	26.6	1.3	0.7	1.1	2.2	1.4	2	5	3.2	0	1.2	0.8

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.