



Table 29. Oat variety trial Baton Rouge, LA, 2008.

Brand / variety	Grain Yield	Test Weight	Seed Qual	Grow Habit	Leaf-iness	Wint Stress	Head Day	Plant Ht	Lod Score	Crown Rust	Stem Rust	Phenotype
	bu/a	lbs/bu	0-9	0-9	0-9	0-9	of yr	in	0-9	%	0-9	0-9
HORIZON 270	126.4	34.2	2.5	4.0	6.3	3.0	87	43	0.8	0	2.0	4.8
TX02U7682	119.9	33.7	2.8	5.5	4.5	1.7	86	45	1.0	0	1.0	4.3
LA03046SBS7-B-S1	119.3	34.2	2.3	4.0	5.0	2.7	90	43	1.0	0	1.3	4.0
LA97006GSB-59-2-4-SBS1	115.6	34.3	2.3	4.8	4.5	2.3	90	44	1.3	0	1.3	3.5
FL99153FBS-45-1-B-S-B-S1-B-S	115.4	36.4	1.0	5.3	3.8	1.3	95	43	0.5	0	1.7	3.8
FL99065-D13-E4	111.6	31.9	3.3	5.0	5.3	2.3	94	44	1.3	0	2.0	5.3
HORIZON LA976	111.5	34.9	2.5	5.5	4.0	1.3	93	42	1.8	0	2.3	3.8
TX02U7490	110.2	31.5	2.3	5.0	5.0	1.0	88	48	1.8	0	1.0	4.5
TX02U7325	108.3	31.0	2.3	5.5	4.3	1.0	86	45	2.0	0	0.3	4.5
FL99212-D6	106.7	31.4	1.8	4.5	5.5	2.3	95	44	1.0	0	2.7	5.3
TAMO 406	106.3	35.0	2.8	5.3	4.0	1.3	92	47	2.0	0	1.3	4.3
LA03063SBS14	105.7	35.1	3.0	3.8	5.5	2.0	81	47	1.0	0	1.0	3.5
LA02030SBSBSB-S1	105.6	32.1	3.0	5.0	4.3	1.7	84	44	1.3	0	2.0	5.0
TX02U7473	105.2	33.3	3.0	5.3	4.0	1.0	82	51	1.8	0	0.7	3.8
HORIZON 201	104.9	32.4	2.3	5.3	3.5	2.0	91	49	1.5	0	3.0	4.3
LA99011SBSBSB-45-B-S-B-S2	103.4	33.2	2.3	3.0	6.0	4.0	96	44	0.5	0	1.3	5.8
LA99016	102.5	34.4	2.3	6.3	3.8	1.0	95	49	1.0	0	2.0	5.0
LA02030SB-106-S1-B-S1	99.7	32.9	2.5	4.8	3.5	1.3	93	45	1.0	0	2.7	4.3
TERRAL TROPHY	98.7	34.0	2.3	4.5	4.3	1.7	91	46	1.8	0	3.7	4.3
TAMO 405	92.2	33.1	2.8	6.0	3.8	1.0	86	39	4.8	0	1.0	4.5
LA02029SBSBS48	91.7	35.2	1.3	4.0	5.0	2.7	91	52	1.8	0	2.0	4.5
LA99017SBSBSB-275-C-B-S2	90.0	32.8	2.8	6.8	4.0	1.7	96	53	0.5	0	2.0	4.5
LA99017SBSBSB-275-C-B-S1	86.0	33.2	2.0	6.0	4.3	1.7	96	50	0.5	1	1.3	4.8
LA0001BSBS-5-S2-S-B-S2	83.8	35.6	2.8	6.0	5.3	1.7	94	38	1.0	0	1.0	4.8
PLOT SPIKE LA9339	77.1	31.1	2.3	5.3	3.8	1.7	96	41	0.3	1	3.7	4.8
BROOKS	21.2	22.9	5.0	4.3	4.8	2.3	92	48	5.5	70	4.7	6.3
Mean	100.7	33.1	2.5	5.0	4.5	1.8	91	45	1.5	3	1.9	4.5
CV	11	2	22	9	11	31	1	7	62	101	40	13
LSD	13.1	0.7	0.7	0.8	0.8	0.8	2	5	1.1	5	1.0	1.0

Ben Hur Research Farm, Central Research Stations. Steve Harrison, Kelly Arceneaux, and Glenn Schexnayder.
 Planted 11/13/2007. Harvested 5/15/2005. 0.40 oz/acre Amber herbicide + 4.75 oz/acre Harmony X. 0-0-60 preplant fertilizer, 65-0-0 topdress N. Very wet January and dry spring.
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.