



Table 25. Oat variety trial across Louisiana for two and three years, 2005, 2006, and 2007.

	Grain Yield	Test Weight	Heading Day	Plant Height	Lodging Score	Crown Rust	Stem Rust	Pheno type
Brand / variety	bu/a	lbs/bu	day of yr	in	0-9	%	0-9	0-9
TWO-YEAR								
TX02U7682	133.4	33.9	84	36	1.7	0	0.4	3.9
HORIZON 270	125.8	34.0	87	33	0.9	0	1.3	4.2
LA95033D63-1-C-S3	123.6	31.7	88	37	1.3	0	1.8	4.3
LA99016SBSB-98-S	122.4	35.3	87	41	1.1	0	1.3	3.4
FL99212	119.2	32.3	90	39	1.1	0	4.0	4.5
LA02030-S-B-106-S1	117.9	32.6	87	36	1.0	0	1.8	3.8
LA02079-S-B-69-S2	117.7	31.5	83	33	1.3	0	2.1	4.6
LA02030-S-B-5-S2	116.7	33.0	84	37	1.9	0	1.5	4.1
TERRAL TROPHY	114.8	34.7	86	38	2.2	0	3.6	4.1
HORIZON 321	113.1	34.5	91	35	1.3	0	1.6	5.2
LA96006BSB119-1	113.1	33.7	90	41	1.6	0	1.3	4.0
TX02U7473	113.0	33.7	81	42	2.5	0	0.3	4.0
TAMO 405	112.5	33.3	83	33	3.3	0	0.9	3.8
TERRAL SECT LA495	112.1	31.8	90	37	1.8	1	1.8	4.9
FL99201	109.5	32.7	87	42	1.8	0	3.4	4.1
TAMO 406	105.4	33.8	89	37	3.2	0	1.1	3.5
PLOT SPIKE LA9339	103.3	32.9	93	40	1.0	0	1.6	4.1
HORIZON 474	102.1	35.0	86	39	2.5	0	3.3	3.6
BROOKS	80.4	29.7	88	40	4.3	39	3.9	4.5
LAFL9912 NUDA	55.8	38.5	85	48	6.4	0	2.6	4.6
Mean	110.6	33.4	87	38	2.1	2	1.9	4.2
CV	10	3	1	5	45	105	53	14
LSD	13	1	2	2	1.2	ns	1.5	0.7
THREE-YEAR								
HORIZON 270	138.8	34.7	87	39	0.6	0	1.3	4.1
LA95033D63-1-C-S3	131.2	32.5	89	42	1.2	0	1.8	4.4
LA99016SBSB-98-S	125.2	36.1	89	48	1.2	0	1.3	3.7
LA96006BSB119-1	124.6	34.7	90	46	1.5	0	1.3	4.0
TERRAL TROPHY	122.3	35.7	87	44	2.2	0	3.6	3.9
TAMO 405	118.1	33.9	83	37	3.8	0	0.9	3.8
HORIZON 321	114.0	34.9	91	40	2.2	4	1.6	5.1
TAMO 406	110.7	34.6	90	42	4.1	0	1.1	3.6
HORIZON 474	106.9	35.9	86	45	3.1	7	3.3	3.9
PLOT SPIKE LA9339	106.3	33.9	94	45	1.5	1	1.6	4.2
TERRAL SECT LA495	92.5	30.7	91	40	2.8	36	1.8	5.4
BROOKS	63.0	29.3	88	42	4.5	68	3.9	5.6
Mean	113.0	33.9	89	43	2.4	10	1.9	4.3
CV	11	3	1	6	48	28	51	13
LSD	19.5	1.6	2	2	1.3	20	1.6	0.7
Data from: Baton Rouge and Winnsboro for 2005, 2006, and 2007.								
Bold indicates a released (commercial) variety, others are non-released breeding lines.								
Lodging and Stem Rust: 0 = none, 9 = severe								
Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best.								