



Table 16. Oat variety trial across Louisiana, 2004.

Brand / variety	Grain Yield	Test Weight	Heading Day	Plant Height	Lodging Score	Crown Rust	Stem Rust	Phenotype
	bu/a	lbs/bu	day of yr	in	0-9	%	0-9	0-9
LA96006BSB-270-S2-C	109.8	31.4	98	36	2.8	0	0.0	4.6
HORIZON 314	108.1	31.3	102	37	2.8	2	0.0	4.6
PLOT SPIKE LA9339	105.6	33.2	104	41	3.0	0	0.4	3.8
LA95033D63-1-C-S3	104.0	30.2	99	39	3.3	0	0.0	3.8
LA98002SBS-26-B-S1	101.9	32.7	102	42	3.3	1	0.0	3.8
TX02M7344	99.1	31.6	99	41	5.2	0	0.0	3.4
LA96006BSB119-1	98.7	31.7	100	43	3.2	0	0.0	3.8
LA98016BSBS-23-2-S	98.5	27.4	103	33	3.1	3	0.0	3.2
LA98009SBSB-58-B	98.2	31.2	105	39	3.5	0	0.0	3.8
TERRAL SECT T LA495	98.1	30.0	99	38	3.5	9	0.0	5.6
HARRISON	96.3	33.1	98	43	3.2	1	2.4	4.2
LA98009SBS-49-B-S1	96.0	32.3	101	37	1.8	15	0.2	5.2
LA96006BSB187-1-1-B	95.7	31.1	103	42	3.1	0	0.0	4.2
HORIZON 321	95.1	33.6	102	36	2.8	0	0.0	5.0
LA98010SBS-58	95.1	34.0	98	40	3.3	0	0.0	3.4
LA98015BSB-22-1-S	94.9	29.9	101	47	3.5	0	0.0	3.6
LA97006GBS-22-B-S2	94.7	33.1	100	40	4.4	0	0.0	3.8
TX01CSRHSEL.1	92.1	30.1	93	35	3.6	0	0.0	3.6
HORIZON 474	89.5	33.8	95	43	3.0	0	1.8	4.2
LA96006BSB32-1-1-B	89.1	34.7	101	45	1.8	0	0.0	3.0
TAMO397	88.1	29.8	91	44	2.9	2	0.0	4.6
TX02U7097	87.8	31.3	92	44	3.0	0	0.0	5.0
LA604 FILL	85.2	31.2	104	37	2.5	2	0.0	4.0
LA98002SBS-64-B-S2	83.9	31.8	95	44	5.0	2	0.0	4.6
LA976GSB-76-2-C	83.0	31.9	100	39	3.7	1	0.0	4.0
LA98003SBSBSB-124-S	79.5	32.1	94	45	5.6	0	0.0	5.2
BROOKS	75.7	29.6	100	43	4.8	40	1.8	6.0
ARO258-7	69.1	32.8	97	47	3.5	9	1.8	5.4
Mean	93.4	31.7	99	41	3.4	3	0.3	4.3
CV	13	2	2	6	29	163	121	16
LSD	ns	1.4	2	3.9	1.3	8	1.2	1.0

Data from Baton Rouge, Bossier, City, and Winnsboro.

Yield differences not statistically significant due to the large difference in yields across locaitons (Variety by location interaction).

Very heavy rainfall in February limited height and delayed maturity. Heavy rainfall at maturity.

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.