

**Table 36. Oat Prelim-B at Baton Rouge, LA, 2008.**

Variety / Line	Grain Yield	Test Weight	Seed Qual	Wint Stress	Leaf-iness	Grow Habit	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
<b>HORIZON 270</b>	<b>145.7</b>	<b>34.0</b>	<b>3.0</b>	<b>2.5</b>	<b>5.0</b>	<b>4.0</b>	<b>86</b>	<b>49</b>	<b>0.5</b>	<b>0</b>	<b>1.0</b>	<b>4.2</b>
LA04004SBSB-61-B-S1	126.8	36.0	1.5	1.0	4.3	6.0	89	50	1.0	0	1.0	3.8
FL03167BSBS-3	126.0	33.2	1.5	1.0	3.5	4.5	76	44	2.5	0	1.0	5.0
LA04008SBSB-99-B-S1	123.2	28.8	2.0	1.5	3.3	3.5	79	56	3.5	0	1.0	4.8
LA04008SBSB-74-B-S1	122.1	31.5	2.5	1.5	4.8	3.3	82	52	5.0	0	2.5	5.4
FL03167BSB-103-B-S1	117.8	32.2	2.0	2.0	4.0	2.3	78	59	2.5	0	1.0	4.8
<b>LA99016</b>	<b>116.2</b>	<b>34.6</b>	<b>2.0</b>	<b>1.0</b>	<b>3.3</b>	<b>6.3</b>	<b>95</b>	<b>55</b>	<b>1.0</b>	<b>0</b>	<b>0.5</b>	<b>3.8</b>
FL03146-FLID-B-S-2	116.0	33.7	1.5	2.0	4.8	4.5	86	49	3.5	3	1.0	5.6
LA9825BSB-38-B-8-B-S-B-S2-B	114.8	32.9	1.0	2.0	4.0	5.5	92	51	1.0	0	1.5	4.7
LA03060SBSBSBS-4	111.7	29.4	1.5	1.5	3.5	3.8	79	51	2.0	3	3.0	5.0
LA02035-I-J2-B-S1	109.7	32.8	2.0	1.5	4.3	5.3	93	52	0.0	1	1.0	4.8
LA02029SBSBS48-G-S1	104.3	34.7	1.0	2.5	4.8	5.3	91	53	3.0	0	1.0	4.7
<b>HORIZON 201</b>	<b>103.0</b>	<b>30.7</b>	<b>2.0</b>	<b>1.0</b>	<b>4.3</b>	<b>5.5</b>	<b>91</b>	<b>54</b>	<b>1.5</b>	<b>0</b>	<b>2.0</b>	<b>4.6</b>
<b>TROPHY</b>	<b>101.9</b>	<b>31.4</b>	<b>1.5</b>	<b>2.0</b>	<b>3.8</b>	<b>4.5</b>	<b>88</b>	<b>54</b>	<b>2.0</b>	<b>0</b>	<b>3.5</b>	<b>3.6</b>
FL04176-S06-11-B-S1	96.1	34.1	1.0	2.0	4.0	3.8	84	51	8.0	0	0.0	4.4
LA02054SBSBSBSB-38-B-S1	94.6	31.0	1.0	1.0	3.3	6.5	93	54	0.5	0	1.0	4.6
FL03167BSB-113-B-S1	90.3	28.6	1.5	1.0	3.5	5.8	90	44	0.5	0	3.5	4.2
LA02050SBSBSBSB-57-B-S1	83.5	32.9	1.5	1.5	4.3	5.3	90	57	2.5	0	0.5	5.2
LA03040SBSBSBS-4	80.6	30.4	1.0	1.0	3.5	6.5	95	46	0.5	5	1.5	4.1
LA03029SBSBSBS-4	80.0	30.0	2.0	1.5	3.3	4.5	93	50	2.5	4	1.5	4.7
LA03029SBSBSBS-2	78.0	30.7	1.5	1.0	5.3	6.0	97	47	1.0	8	1.0	4.7
FL03042BSB-69-B-S1	77.0	32.5	1.5	1.5	4.5	3.8	78	61	7.0	0	4.0	5.4
FL03167BSB-76-B-S1	73.1	28.6	2.0	2.0	4.8	2.0	78	61	7.0	0	6.0	6.1
FL03042BSB-61-B-S1	71.7	35.0	1.0	2.0	4.5	3.0	76	60	8.0	0	3.5	5.7
LA03040SBSBSBS-BS	70.0	31.2	2.0	2.0	4.5	4.8	95	47	1.5	5	1.5	6.2
LA04022SBSBS-4	65.9	32.5	2.5	0.5	4.0	6.3	85	45	8.5	3	0.5	4.8
LA04022SBSB-55-B-S1	62.4	32.2	2.5	1.5	4.5	6.0	88	43	8.0	3	1.0	4.8
FL0238BSB-82-B-S1	47.4	30.0	1.5	1.0	3.5	5.5	92	52	5.0	63	1.5	5.1
FL03167BSB-71-B-S1	45.8	30.1	2.5	1.0	3.3	5.8	79	51	8.5	15	3.0	5.3
LA02079SBSBSBSB-33-B-S1	33.2	35.0	2.5	1.0	5.0	5.8	91	54	8.0	0	1.5	4.6
LA04008SBSB-158-B-S1	27.4	23.9	3.5	2.0	3.8	4.0	91	50	8.0	55	2.5	6.0
<b>BROOKS</b>	<b>3.3</b>	<b>20.0</b>	<b>2.0</b>	<b>3.0</b>	<b>4.5</b>	<b>4.3</b>	<b>91</b>	<b>51</b>	<b>8.5</b>	<b>95</b>	<b>1.0</b>	<b>6.2</b>
<b>Mean</b>	<b>88.1</b>	<b>31.6</b>	<b>1.8</b>	<b>1.5</b>	<b>4.1</b>	<b>4.8</b>	<b>87</b>	<b>51</b>	<b>3.8</b>	<b>8</b>	<b>1.8</b>	<b>4.9</b>
<b>CV%</b>	<b>19</b>	<b>3</b>	<b>32</b>	<b>27</b>	<b>9</b>	<b>8</b>	<b>2</b>	<b>4</b>	<b>33</b>	<b>50</b>	<b>52</b>	<b>8</b>
<b>LSD (0.10)</b>	<b>29.0</b>	<b>1.8</b>	<b>1.0</b>	<b>0.7</b>	<b>0.6</b>	<b>0.6</b>	<b>2</b>	<b>3</b>	<b>2.2</b>	<b>7</b>	<b>1.5</b>	<b>0.7</b>

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Planted 11/13/2007. Harvested 5/15/2008. 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.