



**Table 26. Oat variety trial Baton Rouge, LA, 2007.**

Brand / variety	Grain Yield	Test Weight	Seed Qual	Wint Stress	Grow Habit	Head Day	Height	Lod Score	Crown Rust	Stem Rust	Phe
	bu/a	lbs/bu	0-9	0-9	0-9	of yr	in	0-9	%	0-9	0-9
LA99016SBSB-98-S	127.3	35.8	2.5	6.5	6.5	92	47	1.0	0	1.0	3.3
FL99201-D29-E1	127.0	33.7	3.0	2.5	5.0	92	47	1.5	0	3.3	4.0
LA02030-S-B-106-S1	124.8	33.3	3.5	6.0	4.0	91	40	1.0	0	1.5	3.5
FL99212-D6	124.1	33.3	2.5	3.5	4.0	92	48	1.0	0	3.0	4.5
LA96006BSB119-1	122.3	34.2	3.0	7.5	4.5	92	47	1.0	0	1.0	4.7
<b>TERRAL SECT LA495</b>	<b>119.6</b>	<b>32.1</b>	<b>4.0</b>	<b>6.5</b>	<b>6.5</b>	<b>94</b>	<b>38</b>	<b>1.0</b>	<b>0</b>	<b>1.0</b>	<b>4.5</b>
<b>HORIZON 270</b>	<b>117.9</b>	<b>33.6</b>	<b>3.0</b>	<b>7.0</b>	<b>5.0</b>	<b>91</b>	<b>36</b>	<b>1.0</b>	<b>0</b>	<b>1.0</b>	<b>4.0</b>
FL99153FBS-45-1-B-S-B-S2	116.1	33.9	2.0	2.5	7.0	93	39	1.0	0	3.0	4.3
TX02U7682	115.6	33.1	3.0	5.5	5.5	90	36	1.0	0	0.3	4.2
<b>TERRAL TROPHY</b>	<b>115.3</b>	<b>35.4</b>	<b>2.0</b>	<b>4.0</b>	<b>5.0</b>	<b>92</b>	<b>45</b>	<b>1.0</b>	<b>0</b>	<b>2.3</b>	<b>3.8</b>
LA02030-S-B-5-S2	113.6	33.2	3.5	6.0	4.5	88	41	1.0	0	0.5	4.5
LA95033D63-1-C-S3	113.6	31.7	3.0	6.5	4.5	93	40	1.0	0	0.5	4.7
LA98025BSB-38-B-8-B-S-B-S1	112.1	35.0	2.0	7.5	6.0	94	42	1.0	0	2.5	4.0
<b>HORIZON 321</b>	<b>111.9</b>	<b>34.9</b>	<b>2.5</b>	<b>7.5</b>	<b>6.0</b>	<b>92</b>	<b>38</b>	<b>1.0</b>	<b>0</b>	<b>0.8</b>	<b>4.7</b>
<b>TAMO 405</b>	<b>111.9</b>	<b>32.5</b>	<b>4.0</b>	<b>6.0</b>	<b>7.0</b>	<b>88</b>	<b>38</b>	<b>1.5</b>	<b>0</b>	<b>0.3</b>	<b>3.7</b>
LA99011SBSBSB-45-B-S-B-S2	111.3	35.0	3.0	7.0	4.0	92	41	1.5	0	1.3	5.2
FL0048-H23	110.7	31.7	3.5	3.0	5.0	89	40	4.0	0	3.0	4.3
TX02U7473	110.2	32.6	3.0	6.0	3.5	87	47	2.0	0	0.0	3.5
LA02079-S-B-69-S2	106.3	31.9	3.5	4.5	6.5	90	36	1.0	0	1.3	4.5
<b>PLOT SPIKE LA9339</b>	<b>105.4</b>	<b>34.4</b>	<b>3.5</b>	<b>4.5</b>	<b>5.0</b>	<b>93</b>	<b>43</b>	<b>1.0</b>	<b>0</b>	<b>1.8</b>	<b>4.0</b>
FL99106-H4	102.1	31.2	2.0	5.5	6.5	93	42	1.0	1	0.3	3.5
<b>TAMO 406</b>	<b>101.7</b>	<b>34.9</b>	<b>3.0</b>	<b>7.0</b>	<b>6.0</b>	<b>92</b>	<b>41</b>	<b>1.0</b>	<b>0</b>	<b>0.8</b>	<b>3.8</b>
LA02030-S-B-171-S2	101.5	32.5	3.5	6.0	4.0	88	44	1.0	0	0.5	4.7
LA0001BSBS-5-S2-S-B-S2	98.4	34.8	4.0	6.5	5.0	91	37	1.0	0	1.3	4.3
<b>HORIZON 474</b>	<b>97.7</b>	<b>33.9</b>	<b>3.5</b>	<b>2.5</b>	<b>6.0</b>	<b>90</b>	<b>41</b>	<b>2.0</b>	<b>0</b>	<b>3.0</b>	<b>3.7</b>
FL0105-H3	94.0	31.3	2.5	3.0	3.5	89	36	2.0	0	0.5	5.0
<b>BROOKS</b>	<b>58.9</b>	<b>26.9</b>	<b>3.0</b>	<b>3.5</b>	<b>5.5</b>	<b>92</b>	<b>48</b>	<b>6.0</b>	<b>73</b>	<b>1.8</b>	<b>5.2</b>
LAFL9912 NUDA	42.3	38.7	2.5	2.0	5.0	90	52	6.0	0	0.8	4.5
UPF9950-80-1	41.6	41.1	2.0	6.5	2.5	83	42	6.0	0	0.5	5.3
<b>Mean</b>	<b>105.4</b>	<b>33.7</b>	<b>3.0</b>	<b>5.3</b>	<b>5.1</b>	<b>91</b>	<b>42</b>	<b>1.8</b>	<b>3</b>	<b>1.3</b>	<b>4.3</b>
<b>CV</b>	<b>10</b>	<b>2</b>	<b>20</b>	<b>13</b>	<b>13</b>	<b>1</b>		<b>23</b>	<b>78</b>	<b>51</b>	<b>9</b>
<b>LSD</b>	<b>12.5</b>	<b>0.9</b>	<b>1.0</b>	<b>1.1</b>	<b>1.1</b>	<b>1</b>		<b>0.8</b>	<b>3</b>	<b>1.1</b>	<b>1.7</b>

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Planted 11/21/2006. Harvested 5/12/2007. 0.40 oz/acre Amber herbicide. 0-0-60 preplant fertilizer, 69-0-0-4 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 February growth; 9 = very winter, prostrate growth habit.

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best, average of 3 ratings.