



**Table 28. Oat Prelim-A across Baton Rouge and Winnsboro, LA for 2007.**

Brand / variety	Grain Yield	Test Wt	Seed Qual	Wint Stress	Grow Habit	Head Day	Ht	Lod Score	Crown Rust %	Stem Rust	Phe	Unif
	bu/a	lbs/bu	0-9	0-9	0-9	of yr	in	0-9	%	0-9	0-9	0-9
FL99153FBS-45-1-B-S-B-S1-B-S1	120.6	37.0	2.5	6.0	5.5	88	34	1.0	0	1.5	3.5	1.5
LA03046SBS7-B-S1	119.2	34.1	3.5	4.5	6.0	85	37	1.0	0	1.0	3.1	1.0
LA99016SBSB-98-SBS2-B-B-S3	118.0	35.3	2.5	5.0	6.5	88	44	1.0	0	1.0	3.3	1.0
LA03029SBSB-S1	115.6	33.9	4.0	6.5	5.0	88	38	1.0	0	0.5	4.4	1.5
LA97006GSB-59-2-4-SBS1	114.7	34.5	3.0	5.5	4.5	88	37	1.0	0	1.5	2.9	1.0
<b>TERRAL SECT'T LA495</b>	<b>112.1</b>	<b>32.8</b>	<b>3.5</b>	<b>5.5</b>	<b>7.0</b>	<b>91</b>	<b>37</b>	<b>1.0</b>	<b>3</b>	<b>1.0</b>	<b>4.3</b>	<b>1.0</b>
LA02030SBSBSB-S1	112.0	32.8	3.5	5.5	4.0	84	43	2.0	0	0.0	3.9	2.5
<b>PLOT SPIKE LA9339</b>	<b>111.1</b>	<b>34.7</b>	<b>2.5</b>	<b>4.0</b>	<b>5.0</b>	<b>91</b>	<b>41</b>	<b>1.0</b>	<b>0</b>	<b>1.5</b>	<b>3.4</b>	<b>1.5</b>
<b>HORIZON 270</b>	<b>110.2</b>	<b>34.1</b>	<b>2.5</b>	<b>6.5</b>	<b>5.0</b>	<b>88</b>	<b>36</b>	<b>1.0</b>	<b>0</b>	<b>1.0</b>	<b>4.1</b>	<b>1.5</b>
LA99011SBSBSB-45-----S1	109.6	36.6	3.0	6.0	5.0	89	35	2.0	0	2.0	3.4	1.0
LA02030SBSBSB-S3	109.3	32.7	3.0	5.5	4.0	84	42	2.0	0	1.0	3.9	2.0
LA02029SBSBS48	109.2	35.7	2.0	6.0	4.0	87	45	1.0	0	1.0	3.4	1.0
LA02061-S-B-202-S1-B-S	108.8	32.2	3.0	4.5	5.0	86	34	1.0	0	1.0	5.0	2.0
LA02065-S-B-94-S1-B-S4	107.1	33.2	3.5	5.5	7.0	87	37	1.0	0	1.0	4.1	1.5
LA02061-S-C-S8	101.3	32.2	4.0	5.0	5.0	85	38	2.5	0	1.0	4.1	2.5
FL0206FSB-34-S2	100.1	35.3	2.5	5.0	3.5	85	41	3.0	0	0.0	4.6	3.0
<b>TERRAL TROPHY</b>	<b>99.6</b>	<b>35.9</b>	<b>2.0</b>	<b>4.0</b>	<b>5.0</b>	<b>89</b>	<b>41</b>	<b>1.5</b>	<b>0</b>	<b>3.5</b>	<b>3.0</b>	<b>1.0</b>
LA02018SBSBS5-B-S1	92.9	35.3	3.5	3.0	4.0	87	42	3.5	0	1.0	2.9	1.0
<b>BROOKS</b>	<b>89.3</b>	<b>31.4</b>	<b>2.5</b>	<b>3.0</b>	<b>6.0</b>	<b>89</b>	<b>46</b>	<b>5.5</b>	<b>75</b>	<b>2.0</b>	<b>4.8</b>	<b>1.0</b>
FL99153DSB-42-B-S-B-S1-B-S2	88.2	38.7	1.0	6.0	5.0	84	39	6.5	0	3.0	3.8	3.0
FL0121FSBSBSB-S4	87.4	34.9	4.0	3.5	4.0	88	42	3.0	0	0.0	3.9	1.5
<b>Mean</b>	<b>106.6</b>	<b>34.4</b>	<b>2.9</b>	<b>5.0</b>	<b>5.0</b>	<b>87</b>	<b>39</b>	<b>2.0</b>	<b>4</b>	<b>1.2</b>	<b>3.8</b>	<b>1.6</b>
<b>CV</b>	<b>10</b>	<b>2</b>	<b>22</b>	<b>10</b>	<b>6</b>	<b>1</b>		<b>28</b>	<b>48</b>	<b>52</b>	<b>14</b>	<b>64</b>
<b>LSD</b>	<b>19.9</b>	<b>1.5</b>	<b>1.1</b>	<b>0.9</b>	<b>0.5</b>	<b>1</b>		<b>1.0</b>	<b>3</b>	<b>1.1</b>	<b>0.8</b>	<b>1.7</b>

**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.