



Table 18. Oat variety trial across Louisiana for two years, 2010 and 2011.

Brand / variety	Grain Yield	Test Wt	Wint Stress	Growth Habit	Leaf iness	Head Day	Plant Ht	Lod Score	Stem Rust	Pheno type
	bu/a	lbs/bu	0-9	0-9	0-9	of yr	in	0-9	0-9	0-9
<b>HORIZON 201</b>	<b>78.0</b>	<b>30.1</b>	<b>2.8</b>	<b>6.3</b>	<b>4.7</b>	<b>97</b>	<b>41</b>	<b>3.3</b>	<b>1.0</b>	<b>4.9</b>
FL0522-FLID-B-S-B-S-92-S1	77.2	33.4	3.0	6.3	4.3	98	40	1.3	0.5	3.7
<b>HORIZON 270</b>	<b>74.5</b>	<b>30.1</b>	<b>4.8</b>	<b>5.0</b>	<b>5.7</b>	<b>97</b>	<b>38</b>	<b>0.5</b>	<b>2.5</b>	<b>4.9</b>
LA03063SBSBSB-S4	73.8	29.2	3.4	5.7	3.7	94	37	1.0	1.5	4.5
LA05006GSBS-65-S1	73.2	31.3	2.9	5.7	2.7	100	39	2.3	1.5	4.1
<b>LA99016</b>	<b>71.1</b>	<b>30.8</b>	<b>3.3</b>	<b>6.3</b>	<b>4.7</b>	<b>99</b>	<b>42</b>	<b>1.0</b>	<b>2.0</b>	<b>4.3</b>
TX05CS347-1	68.8	30.7	3.2	7.7	4.7	103	38	1.3	1.0	4.2
<b>LA99017</b>	<b>65.6</b>	<b>30.1</b>	<b>2.7</b>	<b>7.0</b>	<b>5.7</b>	<b>101</b>	<b>42</b>	<b>0.5</b>	<b>2.0</b>	<b>4.5</b>
<b>PLOT SPIKE LA9339</b>	<b>63.8</b>	<b>30.9</b>	<b>2.7</b>	<b>6.7</b>	<b>3.7</b>	<b>102</b>	<b>43</b>	<b>0.8</b>	<b>1.0</b>	<b>3.9</b>
<b>BROOKS</b>	<b>61.7</b>	<b>27.4</b>	<b>2.6</b>	<b>5.0</b>	<b>4.0</b>	<b>99</b>	<b>42</b>	<b>5.0</b>	<b>2.0</b>	<b>4.3</b>
<b>Mean</b>	<b>70.8</b>	<b>30.4</b>	<b>3.1</b>	<b>6.2</b>	<b>4.4</b>	<b>99.0</b>	<b>40.1</b>	<b>1.7</b>	<b>1.5</b>	<b>4.3</b>
<b>CV%</b>	<b>17</b>	<b>4</b>	<b>16</b>			<b>3</b>	<b>6</b>	<b>88</b>		<b>10</b>
<b>LSD (0.10)</b>	<b>NS</b>	<b>2.0</b>	<b>1.0</b>			<b>2.3</b>	<b>0.8</b>	<b>2.3</b>		<b>0.8</b>

Data from Baton Rouge, Bossier City, and Winnsboro, LA for 2010 and Baton Rouge for 2011.

**Bold** indicates a released (commercial) variety, others are non-released breeding lines.

Lodging and Stem Rust: 0 = none, 9 = severe.

Seed Quality: 0 = excellent, 9 = very poor.

Winter Stress: 0 = none, healthy & green; 9 = severe discoloration and stress.

Growth Habit: 0 - very upright spring habit; 9 = prostrate winter growth habit.

Leafiness: visual estimate of leaf (forage) production: 0 = excellent, 9 = very poor.

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