



Table 19 . Oat variety trial across Louisiana for three years, 2009, 2010 and 2011.

Brand / variety	Grain Yield	Test Wt	Seed Qual	Wint Stress	h Habit	Leaf iness	Head Day	Plant Ht	Lod Score	Crown Rust	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 270</b>	<b>93.2</b>	<b>30.6</b>	<b>3.0</b>	<b>5.7</b>	<b>4.8</b>	<b>5.4</b>	<b>92</b>	<b>39</b>	<b>1.3</b>	<b>0.0</b>	<b>1.5</b>	<b>4.4</b>
TX05CS347-1	87.7	31.6	2.0	3.1	7.4	4.0	97	40	1.1	0.0	1.8	3.9
<b>Horizon 201</b>	<b>86.6</b>	<b>30.5</b>	<b>3.0</b>	<b>2.9</b>	<b>6.2</b>	<b>4.2</b>	<b>93</b>	<b>44</b>	<b>3.8</b>	<b>0.0</b>	<b>2.3</b>	<b>4.8</b>
LA99016	85.7	31.6	2.3	3.4	6.6	4.0	94	45	2.4	0.0	1.8	4.3
LA03063SBSBSB-S4	85.4	30.3	2.5	3.9	5.6	4.0	87	37	0.9	0.0	1.5	4.4
<b>LA99017</b>	<b>82.7</b>	<b>31.0</b>	<b>2.8</b>	<b>2.9</b>	<b>7.0</b>	<b>4.6</b>	<b>97</b>	<b>47</b>	<b>1.1</b>	<b>0.0</b>	<b>1.3</b>	<b>4.6</b>
PLOT SPIKE LA9339	75.2	31.0	3.0	2.9	6.0	3.8	99	45	1.9	0.0	1.3	4.1
<b>BROOKS</b>	<b>61.4</b>	<b>27.3</b>	<b>7.0</b>	<b>3.0</b>	<b>5.2</b>	<b>3.8</b>	<b>93</b>	<b>43</b>	<b>7.0</b>	<b>80.0</b>	<b>1.5</b>	<b>4.7</b>
<b>Mean</b>	<b>82.2</b>	<b>30.5</b>	<b>3.2</b>	<b>3.5</b>	<b>6.1</b>	<b>4.2</b>	<b>94.0</b>	<b>42.5</b>	<b>2.4</b>	<b>10.0</b>	<b>1.6</b>	<b>4.4</b>
<b>CV%</b>	<b>15</b>	<b>3</b>		<b>16</b>	<b>8</b>	<b>17</b>	<b>3</b>	<b>5</b>	<b>77</b>		<b>71</b>	<b>9</b>
<b>LSD (0.10)</b>	<b>14.0</b>	<b>1.4</b>		<b>0.8</b>	<b>1.0</b>	<b>ns</b>	<b>1.8</b>	<b>2.0</b>	<b>1.4</b>		<b>ns</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.