



**Table 28. Oat variety trial across Louisiana for three years, 2006, 2007, and 2008.**

Brand / variety	Grain Yield	Test Wt	Seed Qual	Winter Stress	Grow Habit	Head Day	Plant Ht	Lod Score	Crown Rust	Stem Rust	Pheno type
	bu/a	lbs/bu				of yr	in	0-9	%	0-9	0-9
TX02U7682	134.3	34.1	2.8	3.2	5.5	85	41	1.3	0	0.6	4.0
<b>HORIZON 270</b>	<b>129.4</b>	<b>34.1</b>	<b>2.7</b>	<b>4.6</b>	<b>4.5</b>	<b>87</b>	<b>37</b>	<b>0.7</b>	<b>0</b>	<b>1.6</b>	<b>4.3</b>
<b>LA99016</b>	<b>123.6</b>	<b>35.6</b>	<b>2.3</b>	<b>3.2</b>	<b>6.4</b>	<b>91</b>	<b>45</b>	<b>0.9</b>	<b>0</b>	<b>1.6</b>	<b>3.7</b>
FL99212	122.8	32.8	2.0	2.8	4.3	92	41	0.8	0	3.3	4.7
<b>TX02U7473</b>	<b>116.2</b>	<b>34.2</b>	<b>3.0</b>	<b>3.0</b>	<b>4.4</b>	<b>83</b>	<b>45</b>	<b>2.0</b>	<b>0</b>	<b>0.4</b>	<b>3.9</b>
<b>TERRAL TROPHY</b>	<b>114.5</b>	<b>35.0</b>	<b>2.2</b>	<b>2.6</b>	<b>4.8</b>	<b>89</b>	<b>42</b>	<b>1.9</b>	<b>0</b>	<b>3.6</b>	<b>4.0</b>
<b>HORIZON 201</b>	<b>112.6</b>	<b>33.0</b>	<b>2.5</b>	<b>2.2</b>	<b>5.1</b>	<b>89</b>	<b>46</b>	<b>1.6</b>	<b>0</b>	<b>3.2</b>	<b>4.3</b>
<b>TAMO 405</b>	<b>110.9</b>	<b>33.7</b>	<b>3.2</b>	<b>3.0</b>	<b>6.5</b>	<b>85</b>	<b>35</b>	<b>3.8</b>	<b>0</b>	<b>0.9</b>	<b>3.8</b>
<b>TAMO 406</b>	<b>108.0</b>	<b>34.5</b>	<b>2.8</b>	<b>3.6</b>	<b>5.6</b>	<b>92</b>	<b>41</b>	<b>3.6</b>	<b>0</b>	<b>1.2</b>	<b>3.6</b>
<b>PLOT SPIKE LA9339</b>	<b>105.9</b>	<b>33.1</b>	<b>2.7</b>	<b>2.8</b>	<b>5.1</b>	<b>98</b>	<b>42</b>	<b>0.7</b>	<b>0</b>	<b>2.5</b>	<b>4.3</b>
<b>BROOKS</b>	<b>73.8</b>	<b>29.5</b>	<b>4.3</b>	<b>2.8</b>	<b>4.9</b>	<b>90</b>	<b>44</b>	<b>5.2</b>	<b>49</b>	<b>4.2</b>	<b>4.8</b>
<b>MEAN</b>	<b>113.9</b>	<b>33.6</b>	<b>2.8</b>	<b>3.1</b>	<b>5.2</b>	<b>89</b>	<b>42</b>	<b>2.0</b>	<b>5</b>	<b>2.1</b>	<b>4.1</b>
<b>CV%</b>	<b>10</b>	<b>3</b>	<b>17</b>	<b>21</b>	<b>12</b>	<b>1</b>	<b>5</b>	<b>49</b>	<b>73</b>	<b>40</b>	<b>13</b>
<b>LSD (0.10)</b>	<b>12</b>	<b>1</b>	<b>NS</b>	<b>NS</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1.2</b>	<b>16</b>	<b>1.1</b>	<b>0.6</b>

Data from: Baton Rouge and Winnsboro for 2006, 2007 and 2008.

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

Seed Quality: 0=excellent, plump, bright; 9 = very poor.

Winter Stress is discoloration due to cold and wet weather: 0 = healthy green, 9 = severely discolored & stressed.

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

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

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