



Table 31. Oat variety trial across Louisiana for three years, 2007, 2008 and 2009.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Seed Qual 0-9	Wint Stress 0-9	Grow Habit 0-9	Leaf iness 0-9	Head Day of yr	Plant Ht in	Lod Score 0-9	Crown Rust %	Stem Rust 0-9	Pheno type 0-9
<b>HORIZON 270</b>	<b>126.6</b>	<b>33.3</b>	<b>2.8</b>	<b>5.3</b>	<b>4.5</b>	<b>5.6</b>	<b>86</b>	<b>38</b>	<b>0.8</b>	<b>0</b>	<b>1.3</b>	<b>4.3</b>
FL99212	122.6	32.3	2.1	3.3	4.2	5.3	91	42	0.8	0	2.2	4.6
TX02U7682	122.3	33.2	2.9	3.6	5.5	4.3	84	41	1.2	0	0.6	4.2
<b>LA99016</b>	<b>120.8</b>	<b>34.8</b>	<b>2.3</b>	<b>3.7</b>	<b>6.6</b>	<b>3.4</b>	<b>91</b>	<b>47</b>	<b>1.3</b>	<b>0</b>	<b>1.6</b>	<b>4.0</b>
<b>Horizon 201</b>	<b>114.7</b>	<b>32.7</b>	<b>2.7</b>	<b>2.7</b>	<b>5.4</b>	<b>3.5</b>	<b>89</b>	<b>47</b>	<b>1.8</b>	<b>0</b>	<b>3.2</b>	<b>4.4</b>
<b>TERRAL TROPHY</b>	<b>108.1</b>	<b>34.9</b>	<b>2.2</b>	<b>3.3</b>	<b>4.8</b>	<b>3.9</b>	<b>89</b>	<b>44</b>	<b>2.2</b>	<b>0</b>	<b>2.8</b>	<b>4.0</b>
TX02U7473	106.7	33.0	3.2	3.9	4.9	4.0	82	45	1.7	0	0.4	3.8
<b>PLOT SPIKE LA9339</b>	<b>103.2</b>	<b>32.9</b>	<b>2.8</b>	<b>3.1</b>	<b>5.1</b>	<b>3.9</b>	<b>97</b>	<b>45</b>	<b>0.9</b>	<b>0</b>	<b>2.5</b>	<b>4.2</b>
<b>BROOKS</b>	<b>66.7</b>	<b>28.7</b>	<b>5.4</b>	<b>3.1</b>	<b>5.1</b>	<b>4.1</b>	<b>89</b>	<b>45</b>	<b>5.7</b>	<b>74</b>	<b>2.8</b>	<b>4.9</b>
Mean	110.3	32.9	2.9	3.6	5.1	4.2	89	44	1.8	8	1.9	4.3
CV	10	3	18	19	11	12	1	5	71	41	40	11
LSD	10.9	1.3	0.9	1.4	0.8	0.7	2	2	1.0	3	1.0	0.6

Data from Baton Rouge and Winnsboro, LA for 2008 and 2009; and Bossier City for 2009.

**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.