



**Table 29. Oat variety trial across Louisiana (Baton Rouge, Bossier City, and Winnsboro), 2009.**

	Grain Yield	Test Wt	Seed Qual	Wint Stress	Grow Habit	Leaf iness	Head Day	Plant Ht	Lod Score	Crown Rust	Stem Rust	Pheno type
Brand / variety	bu/a	lbs/bu	0-9 *	0-9 *	0-9 *	0-9 *	of yr	in	0-9	% *	0-9 *	0-9
<b>HORIZON 270</b>	<b>120.5</b>	<b>31.4</b>	<b>3.0</b>	<b>7.0</b>	<b>4.5</b>	<b>5.0</b>	<b>84</b>	<b>40</b>	<b>2.0</b>	<b>0</b>	<b>0.5</b>	<b>4.0</b>
FL0115-J2	114.9	31.4	3.5	4.0	5.5	4.0	89	44	0.4	0	0.5	3.5
FL99212-D6	113.8	30.1	2.3	4.5	4.0	5.0	89	42	1.8	0	1.0	4.2
TX05CS347-1	113.5	32.8	2.0	3.5	7.0	3.0	89	43	1.0	0	2.5	3.7
LA97006GSB-59-2-4-SBS1	111.8	31.4	2.5	6.0	4.0	5.0	88	40	2.6	0	1.5	4.5
<b>LA99017</b>	<b>110.0</b>	<b>32.1</b>	<b>2.8</b>	<b>4.0</b>	<b>7.0</b>	<b>3.0</b>	<b>91</b>	<b>52</b>	<b>1.6</b>	<b>0</b>	<b>0.5</b>	<b>4.7</b>
LA03046SBS7-B-S1	109.3	31.7	2.3	6.5	5.0	5.5	88	41	1.2	0	1.0	4.0
<b>LA99016</b>	<b>109.0</b>	<b>32.7</b>	<b>2.3</b>	<b>5.0</b>	<b>7.0</b>	<b>3.0</b>	<b>88</b>	<b>48</b>	<b>3.6</b>	<b>0</b>	<b>1.5</b>	<b>4.3</b>
TX02U7682	107.5	31.2	3.0	4.5	5.5	4.0	81	40	2.6	0	0.5	4.0
<b>HORIZON LA976</b>	<b>101.8</b>	<b>34.0</b>	<b>2.5</b>	<b>6.5</b>	<b>5.5</b>	<b>4.5</b>	<b>88</b>	<b>47</b>	<b>6.8</b>	<b>0</b>	<b>0.5</b>	<b>3.8</b>
LA03063SBSBSB-S4	101.3	31.8	2.5	5.5	5.5	4.5	79	38	0.8	0	1.5	4.2
LA02035-I-J1	99.9	32.3	1.0	7.0	5.0	4.0	89	47	1.0	0	0.5	4.5
<b>HORIZON 201</b>	<b>99.2</b>	<b>31.0</b>	<b>3.0</b>	<b>4.0</b>	<b>6.0</b>	<b>3.5</b>	<b>87</b>	<b>48</b>	<b>4.2</b>	<b>0</b>	<b>3.5</b>	<b>4.7</b>
TX05CS556	98.6	30.6	3.5	2.5	4.5	5.0	81	39	4.4	0	4.5	4.3
TX02U7490	95.4	30.0	2.5	5.5	5.0	4.5	83	44	2.8	0	1.0	4.3
FL99153FBS-45-1-B-S-B-S1-B-S1	95.0	33.2	1.3	5.0	7.0	3.0	93	43	1.6	0	0.5	4.3
<b>TERRAL TROPHY</b>	<b>94.8</b>	<b>33.3</b>	<b>2.3</b>	<b>5.0</b>	<b>5.0</b>	<b>3.5</b>	<b>87</b>	<b>45</b>	<b>5.6</b>	<b>0</b>	<b>2.0</b>	<b>3.9</b>
TX02U7473	92.4	30.7	3.5	6.0	6.0	4.0	80	44	3.4	0	0.5	3.7
<b>PLOT SPIKE LA9339</b>	<b>90.7</b>	<b>31.0</b>	<b>3.0</b>	<b>4.0</b>	<b>5.0</b>	<b>4.0</b>	<b>94</b>	<b>48</b>	<b>2.8</b>	<b>0</b>	<b>1.5</b>	<b>4.3</b>
LA03060SBSBSB-S1	78.6	31.1	3.0	4.5	4.0	5.0	78	41	7.8	0	1.5	5.2
<b>BROOKS</b>	<b>60.9</b>	<b>27.1</b>	<b>7.0</b>	<b>4.0</b>	<b>5.5</b>	<b>3.5</b>	<b>87</b>	<b>45</b>	<b>8.6</b>	<b>80</b>	<b>1.0</b>	<b>5.2</b>
LA02010SBSBSB-S1 (NUDA)	55.1	38.6	2.5	7.0	7.5	3.0	86	49	4.4	20	1.0	5.1
<b>Mean</b>	<b>98.9</b>	<b>31.8</b>	<b>2.7</b>	<b>5.1</b>	<b>5.5</b>	<b>4.1</b>	<b>86</b>	<b>44</b>	<b>3.2</b>	<b>5</b>	<b>1.3</b>	<b>4.3</b>
<b>CV</b>	<b>12.9</b>	<b>2.5</b>					<b>2</b>	<b>5</b>				<b>10</b>
<b>LSD</b>	<b>18.5</b>	<b>1.6</b>					<b>2</b>	<b>2</b>				<b>1.2</b>

Baton Rouge, Bossier City, and Winnsboro, LA. \* Data from Baton Rouge only.

**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.