

**Table 36. SUNOAT at Baton Rouge, LA, 2009.**

Designation	Ent	Grain Yield		Test Weight		Seed Qual	Grow Habit	Leaf-ness	Wint Stress	Head Day	Plant Ht	Lod Score	Crown Rust	Stem Rust	Phenotype
		bu/a	rnk	lbs/bu	rnk	0-9	0-9	0-9	0-9	0-9	of yr	in	0-9	%	0-9
FL04155-S06-31-B-S1	8	139.4	1	37.5	1	1.5	6.0	3.5	3.5	84	49	4.0	0	0.0	3.3
FL03167BSB-2-B-S1	7	130.8	2	35.1	6	2.5	3.5	4.5	4.5	75	48	6.5	0	1.0	4.7
<b>HORIZON 270 CK</b>	<b>16</b>	<b>125.9</b>	<b>3</b>	<b>33.1</b>	<b>25</b>	<b>1.5</b>	<b>4.0</b>	<b>5.0</b>	<b>7.0</b>	<b>84</b>	<b>40</b>	<b>1.0</b>	<b>0</b>	<b>0.5</b>	<b>4.7</b>
FL03211-L2	35	122.7	4	33.3	21	2.0	4.0	4.0	6.0	87	52	5.5	0	0.5	4.8
FL0115-J2-B-S1	1	122.6	5	32.6	32	3.5	4.0	4.0	4.5	86	46	1.5	0	0.5	3.7
LA03012SBSBSB-61	10	118.9	6	34.1	15	2.0	4.5	3.0	8.0	90	51	4.5	0	0.0	4.5
LA04018SBSB-86	15	118.2	7	34.5	9	3.0	6.0	3.0	6.0	88	47	3.5	0	0.5	3.3
TX07CS1589	26	117.0	8	32.9	27	1.0	8.0	2.5	3.5	88	51	6.5	0	0.5	3.0
<b>HORIZON 201 CK</b>	<b>45</b>	<b>116.8</b>	<b>9</b>	<b>32.8</b>	<b>29</b>	<b>2.0</b>	<b>5.0</b>	<b>4.0</b>	<b>3.5</b>	<b>85</b>	<b>51</b>	<b>2.5</b>	<b>0</b>	<b>0.5</b>	<b>4.0</b>
TX07CS1948	18	116.1	10	35.4	4	1.5	7.5	3.0	5.5	87	44	2.5	0	1.0	3.8
FL03199-L1	32	114.7	11	32.9	28	3.0	5.0	5.5	4.5	74	38	4.0	0	0.0	4.7
TX07CS2795	19	114.0	12	28.6	44	2.5	5.0	3.5	4.5	84	45	6.0	0	0.0	4.0
LA04018SBSB-19	13	113.4	13	31.8	37	3.5	5.5	4.0	4.0	88	48	6.5	0	1.5	4.5
TX07CS2765	20	113.0	14	32.3	33	2.5	3.5	4.0	6.0	81	47	4.0	0	1.0	4.0
FL03053-S06-15-B-S1B	3	112.1	15	33.4	17	2.0	4.5	3.5	4.0	74	43	8.0	0	0.0	4.7
LA04018SBSB-181	12	111.9	16	32.8	31	3.5	5.0	4.0	5.0	88	47	3.0	0	1.0	4.0
TX07CS2235	22	111.9	17	35.1	7	1.0	8.0	3.0	3.0	84	45	1.5	0	0.0	3.7
TX07CS3697	28	111.6	18	32.8	30	2.5	5.5	3.0	5.0	90	49	1.5	0	0.5	4.0
LA03040SBSBSB-83	11	110.1	19	34.4	11	1.5	4.5	3.5	5.0	87	50	3.5	0	1.5	3.3
FL0238BSB-22	2	108.3	20	33.3	22	1.0	4.5	4.0	6.5	88	44	2.5	1	1.0	4.3
FL03166-L7	37	107.6	21	35.7	3	2.0	7.0	3.0	3.0	84	45	6.5	0	1.0	3.5
<b>TAMO406 CK</b>	<b>29</b>	<b>106.4</b>	<b>22</b>	<b>34.1</b>	<b>14</b>	<b>2.0</b>	<b>5.5</b>	<b>3.0</b>	<b>5.0</b>	<b>89</b>	<b>50</b>	<b>6.5</b>	<b>0</b>	<b>0.5</b>	<b>3.7</b>
FL03166-L3	36	105.9	23	37.1	2	1.5	5.5	4.5	3.0	79	48	4.0	0	1.0	4.2
TX07CS2796	24	105.6	24	31.5	38	2.5	6.5	3.5	4.5	78	48	7.0	0	0.5	3.3
FL03068-K2	44	104.0	25	30.3	40	1.5	5.0	4.0	4.0	84	43	5.0	0	1.5	3.8
FL04126-L3	31	102.8	26	34.5	10	2.5	5.0	3.5	3.5	84	50	7.5	0	3.0	4.0
TX07CS3489	27	102.0	27	31.4	39	2.5	5.5	4.0	5.5	82	52	3.0	0	0.5	3.7
LA04018SBSB-73	14	100.1	28	33.4	18	3.5	5.5	3.0	2.5	89	50	5.5	1	2.0	4.2
TX07CS1254	17	99.9	29	29.1	42	3.5	7.0	4.0	4.5	78	46	6.5	1	1.0	4.3
TX07CS2140	21	97.7	30	30.2	41	2.5	5.5	3.5	3.5	85	45	4.0	0	2.0	4.3
FL04154-L3	33	97.2	31	28.9	43	2.0	5.0	3.5	6.0	96	52	2.0	1	0.5	4.2
LA03012SBSBSB-12	9	96.3	32	34.3	12	2.0	4.5	5.0	7.5	90	45	4.0	0	1.0	4.8
FL04187-L1	41	95.0	33	33.3	23	2.0	3.5	4.0	4.5	86	53	6.0	0	0.5	4.0
FL03167BSB-145	5	94.7	34	33.0	26	2.5	7.0	4.0	4.0	81	45	3.0	0	0.0	4.7
TX07CS1584	23	94.5	35	34.2	13	1.0	7.5	3.0	5.5	87	48	7.0	0	0.5	3.5
FL03167BSB-147	6	92.1	36	33.2	24	3.0	6.0	4.5	4.5	81	47	5.0	0	0.5	4.5
FL03129-Ab7	30	88.6	37	34.6	8	2.0	4.5	3.5	5.5	85	49	7.0	0	0.5	3.5
FL03117-L6	34	88.6	38	32.1	36	3.0	3.0	4.5	5.5	73	47	7.0	0	0.0	4.8
FL0046-E7	43	82.9	39	33.7	16	2.5	4.5	4.5	4.5	81	48	5.5	0	0.5	5.0
FL04187-L4	42	82.6	40	32.1	34	2.5	5.0	4.0	4.0	89	52	3.0	0	1.5	4.0
TX07CS1805	25	79.1	41	33.4	20	1.5	3.5	4.0	7.0	83	49	6.5	0	1.0	3.8
FL04136-L2	39	71.9	42	28.5	45	2.5	5.5	4.0	3.5	85	51	5.5	0	1.5	4.3
FL04121-L3	38	69.2	43	33.4	19	2.0	5.0	3.0	3.5	85	53	6.0	0	2.5	4.3
FL03146BSB-S1-B-S1	4	64.8	44	35.2	5	2.0	6.0	3.0	3.5	75	47	7.5	0	1.0	3.8
FL04157-L2	40	49.1	45	32.1	35	3.0	2.0	5.5	6.0	69	44	7.0	0	1.5	5.3
<b>Mean</b>		<b>103.6</b>		<b>33.0</b>		<b>2.2</b>	<b>5.2</b>	<b>3.8</b>	<b>4.7</b>	<b>84</b>	<b>47</b>	<b>4.8</b>	<b>0</b>	<b>0.8</b>	<b>4.1</b>
<b>CV</b>		<b>10</b>		<b>2</b>		<b>30</b>	<b>11</b>	<b>20</b>	<b>21</b>	<b>2</b>	<b>5</b>	<b>26</b>	<b>331</b>	<b>71</b>	<b>10</b>
<b>LSD</b>		<b>19.9</b>		<b>1.4</b>		<b>1.2</b>	<b>1.0</b>	<b>1.3</b>	<b>1.7</b>	<b>2</b>	<b>4</b>	<b>2.1</b>	<b>0</b>	<b>1.0</b>	<b>0.7</b>

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Seed Quality is a visual rating of seed appearance with 0 being best and 9 worst.

Winter Stress is degree of orange/purpling after a very wet January, probably Waterlogging, cold and P-deficiency. 0 = healthy green color and 9 = completely orange or discolored.

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

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

Leafines is a visual estimate of the quantity of leaves produced (forage value)

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best, average of 2 ratings.