

**Table 28. 2005-06 USDA Uniform Winter Oat Yield Nursery at Baton Rouge, LA.**

Cooperator: S Harrison, K. Arceneaux, G Schexnayder		No. Reps: 3		Plot size (ft2): 70		Planted: 11/20/05		Harvested: 5/11/2006				
Entry	Designation	Grain Yield bu/A	Test weight lb/bu	Growth Habit 0-9	Heading date Julian	Plant Height in.	Lodging 0-9	Crown rust %	Stem rust 0-9	Pheno type 0-9		
				2/23	of yr							
28	TX02U7682	108.2	36.4	5.0	77		2.0	0	1.0	3.5		
14	LA96006BSB-270-S2	100.9	36.7	4.5	83		1.3	0	0.5	3.5		
18	LA02079-S-B-69-S2	94.8	33.7	5.5	79		3.7	0	1.0	3.8		
2	TAM-O-397	88.2	33.1	4.0	76		1.0	0	1.0	3.8		
27	TX02U7282	87.7	36.6	3.5	76		4.7	0	1.0	4.0		
21	NC01-3981	87.2	32.5	5.5	84		1.3	0	6.5	4.3		
16	LA99016SBSB-98-S	86.3	37.4	6.0	83		1.3	0	0.5	3.8		
20	LA02030-S-B-5-S2	84.6	35.3	4.0	76		4.7	0	2.0	4.3		
17	LA98023SBSBSB-129-1-S1	83.9	34.1	5.5	86		3.7	0	1.0	5.0		
5	ARO231-3	82.6	34.0	7.5			2.3	4	1.5	5.5		
4	Horizon 321	82.2	37.1	6.0	84		3.3	0	3.0	5.0		
9	FL0048-H5	79.6	35.0	5.5	81		2.7	0	1.0	3.3		
25	TX02U7344	73.2	36.7	6.0	84		3.3	0	1.0	4.3		
15	LA9825SBSB-59-C	73.1	35.6	4.5	81		3.3	0	1.0	4.3		
29	TX02U7473	73.0	36.4	3.5	76		3.7	0	0.5	4.5		
11	FL0047-P7	67.8	30.9	7.5			5.0	0	0.5	5.5		
19	LA9917SBSBSB-31-B-S-B-S1	67.1	36.9	6.5	84		1.7	0	1.5	3.0		
24	NC02-8247	66.2	33.3	7.0	86		4.7	25	1.5	5.0		
10	FL99212-D6	64.0	31.6	5.5	86		1.5	0	2.5	5.0		
8	ARO336-12	63.7	31.9	5.0			1.0	0	5.5	5.8		
26	TX02U7605	62.9	36.9	4.0	75		5.7	0	3.0	3.5		
7	ARO336-3	57.7	27.7	7.5			1.0	8	2.5	5.8		
13	FL99201-D29-E1	53.2	34.5	4.5	80		2.0	0	4.5	4.5		
22	NC02-8057	52.5	34.1	8.0	86		1.3	1	2.5	3.8		
12	FL99123-P9	49.9	35.8	5.5	81		5.0	0	4.5	4.0		
23	NC02-8037	46.5	31.3	7.0	83		3.3	0	6.0	4.3		
6	ARO289-9	46.0	34.1	7.5	86		5.0	0	6.0	5.3		
3	Harrison	39.7	34.9	7.0	85		1.7	0	4.5	5.0		
1	Rodgers	31.3	30.5	6.5	86		3.3	5	4.5	4.3		
	<b>Mean</b>	<b>71.1</b>	<b>34.3</b>	<b>5.7</b>	<b>81.2</b>		<b>2.9</b>	<b>1</b>	<b>2.5</b>	<b>4.4</b>		
	<b>CV%</b>	<b>14</b>	<b>3</b>	<b>11</b>	<b>1</b>		<b>63</b>	<b>464</b>	<b>47</b>	<b>12</b>		
	<b>LSD(0.10)</b>	<b>13.4</b>	<b>1.2</b>	<b>1.0</b>	<b>1.0</b>		<b>2.5</b>	<b>12</b>	<b>2.0</b>	<b>0.9</b>		
<b>Comments: Please include here growing conditions during the year.</b>												
Very warm winter and very dry spring												
Light crown rust and heavy stem rust. Test weights surprisingly high and double-checked for accuracy.												
GroHa	is amount of growth in February where 0 = very upright spring and 9 = very prostrate winter.											
PHE	Phenotype: 0 = excellent visual appearance; 5 = average; 9 = very poor.											
0.40 oz/acre Amber herbicide. 0-0-60 preplant fertilizer, 65-0-0-4 topdress N.												