

Table 16. 2009-2010 UNIFORM SOUTHERN SOFT RED WINTER WHEAT NURSERY DATA SHEET

Cooperator: HARRISON, ARCENEUX, MCCARTHY,					Location: Baton Rouge, LA												
No. of Reps: 2		Harvest Plot Area (sq.ft.): 70			Yield LSD (.05): 8.2			Yield CV%: 11.0									
Fertilizer:		Seed Date: 11/8/2010			Harvest Date: 5/21/2010												
Date/Feekes Growth Stage When Scored					10.1	11	11										
ENTRY NO.	CULTIVAR/ DESIGNATION	YIELD bu/A	Yield rank	TEST WT. lbs/bu	HEADING DATE	HEIGHT	LODGING	SBMV	POWDERY MILDEW	LEAF RUST	STRIPE RUST	FHB HEAD DATE	FHB INC	FHB SEV	FHB INDX	PHENO TYPE	
					Julian	in.	0-9	0-9		0-9						0-9	
24	LA0110D-84-2	54.3	1	55.8	91.5	36.5		2.0			0.3	109	5	10	0.5	3.9	
28	GA001138-8E36	53.0	2	56.3	95.5	36.0		4.5			0.0	113	15	32.5	4	3.5	
3	Syngenta Coker 9553	51.4	3	56.5	96.0	33.5		2.5			0.2	110	5	15	0.75	3.4	
4	USG 3555	49.3	4	54.9	96.5	30.5		3.5			0.0	113	7.5	15	1.25	4.1	
23	LA01139D-86-2	49.0	5	55.9	94.0	34.0		6.5			0.0	110	10	12.5	1.625	3.9	
25	LA01056D-84-7-2	48.4	6	56.7	92.0	33.5		5.0			1.0	113	30	40	13	4.1	
7	VA06W-392	47.6	7	53.4	96.5	31.5		4.5			1.2	114	15	30	4.5	4.4	
16	B05-0142	45.4	8	51.9	96.5	31.5		3.5			0.3	110	20	30	6	4.5	
11	AR98088-1-1	45.2	9	56.1	95.5	34.0		3.0			0.7					4.1	
6	VA05W-139	45.1	10	54.6	98.0	31.0		3.0			0.0					4.4	
27	GA00067-8E35	45.0	11	54.8	93.5	30.0		5.5			0.0	114	17.5	35	6.5	4.5	
19	NC05-19896	44.2	12	55.7	104.0	32.0		1.0			0.2					4.4	
5	W980031K1	42.8	13	55.8	94.5	34.5		2.5			0.5	113	12.5	20	2.5	4.4	
2	Pioneer Brand 26R61	42.1	14	56.1	94.5	35.0		5.0			0.0	112	15	25	4	4.5	
1	AGS 2000	38.4	15	55.5	94.0	32.5		4.5			2.7	113	20	40	8	5.6	
10	AR96052-4-3	38.2	16	54.3	96.5	33.5		1.5			1.8					5.1	
17	B05-0329	35.6	17	54.7	102.0	33.5		3.5			0.2					5.1	
29	GA011493-8E18	35.2	18	57.6	97.5	31.0		2.5			3.5					6.4	
21	NC06-19556	35.1	19	54.7	99.0	27.5		2.5			0.2					5.0	
32	G75692	33.9	20	53.6	98.0	30.0		1.0			1.5					6.1	
9	LA01139D-56-1	29.0	21	56.0	92.5	26.5		4.5			4.5	110	12.5	10	1.25	6.9	
26	VA06W-412	28.5	22	54.2	97.5	29.0		3.0			3.5	114	5	25	1.25	6.0	
12	NC05-19684	28.5	23	56.8	101.0	28.0		0.5			2.2					7.0	
31	G81036	27.3	24	53.2	104.0	33.0		3.0			1.7					6.1	
20	NC06-20401	25.7	25	55.4	103.0	30.0		1.5			1.2					6.3	
14	MD01W270-08-12	24.7	26	56.6	99.5	31.5		1.5			4.0					6.8	
18	B05*0323	22.3	27	53.6	102.5	33.0		3.0			2.5					6.4	
8	VA05W-251	22.0	28	52.6	95.0	28.0		2.5			4.0	114	12.5	30	3.75	7.0	
22	TN902	20.5	29	53.9	100.5	32.0		2.5			3.5					6.9	
15	MD01W28-08-11	19.4	30	55.5	101.5	30.0		5.0			2.7					6.4	
13	MD00W389-08-4	16.5	31	54.7	94.0	29.0		4.5			5.2					8.1	
30	G75735	10.7	32	54.6	104.0	31.0		3.5			4.7					7.5	
<b>LOCATION MEAN:</b>		<b>36.1</b>		<b>55.1</b>	<b>97.5</b>	<b>31.6</b>		<b>3.2</b>			<b>1.7</b>	<b>112.1</b>	<b>13.5</b>	<b>24.67</b>	<b>3.925</b>	<b>5.4</b>	
<b>CV%</b>		<b>11.2</b>		<b>1.2</b>	<b>1.2</b>	<b>5.3</b>		<b>48.0</b>			<b>56.9</b>		<b>54.4</b>	<b>42.59</b>	<b>90.41</b>	<b>6.9</b>	
<b>LSD(0.05)</b>		<b>8.2</b>		<b>1.4</b>	<b>2.3</b>	<b>3.5</b>		<b>3.1</b>			<b>1.9</b>		<b>15.75</b>	<b>22.53</b>	<b>7.611</b>	<b>0.8</b>	

COMMENTS: Extremely wet January - February (20") reduced tillering. Uniformly cool winter. Very dry March 4 - early May (1.2" total) hastened maturity and lowered test weights.

Moderately heavy stripe rust pressure. Ratings are the mean of three scores (March 11, 22, 30).

No leaf rust, PM or Hessian Fly pressure.

Phenotype is mean of four 'general appearance' ratings. 0 = excellent, 5 = average, 9 = very poor.

Soilborne presence verified by NC State/Christina Cowger. Some soilborne ratings do not correspond with previous data. No other viruses were detected and symptoms were virus and were severe.

Fusarium misted nursery planted somewhat late, wide heading dates range; only early-medium data varieties reported due to confounding.