

# Wheat

## Tifton, Georgia: Wheat Grain Performance, 2011-2012

Brand-Variety	Yield <sup>1</sup>		2012 Data								
	3-Year Average	2-Year Average	Rank	Yield <sup>1</sup> bu/acre	Test Wt lb/bu	Ht in	Lodg. %	Head Date mo/day	Winter Survival %	Mildew %	Leaf Rust %
	---- bu/acre ----										
AGS 2026	<b>80.3</b>	<b>83.9</b>	29	75.7	53.2	39	35	03/21	100	15	0
Coker 9700	<b>80.2</b>	<b>81.1</b>	35	74.5	57.2	39	70	03/13	100	15	0
AGS 2035	<b>79.6</b>	<b>85.7</b>	5	84.1	57.7	46	4	03/15	100	15	0
SS8641	<b>77.2</b>	<b>82.3</b>	9 <sup>T</sup>	80.4	53.7	40	3	03/23	100	0	0
Oglethorpe	<b>76.9</b>	<b>84.1</b>	21	77.4	53.8	37	28	03/22	100	15	0
AGS 2038	<b>76.4</b>	<b>79.3</b>	24	77.0	55.6	43	0	03/19	100	5	0
GA021245-9E16	<b>76.3</b>	<b>80.4</b>	15	78.3	56.4	40	8	03/13	100	13	0
LA01110D-150	<b>75.7</b>	<b>83.2</b>	8 <sup>T</sup>	80.6	55.8	41	45	03/18	100	8	0
Arcadia	74.7	<b>77.2</b>	33	74.8	56.5	41	24	03/18	100	15	0
Jamestown	74.3	<b>79.5</b>	27	76.0	57.0	38	5	03/17	100	18	0
LA821	73.4	<b>74.8</b>	49	63.7	53.5	42	55	03/14	100	20	0
USG 3555	73.1	<b>77.4</b>	52	62.5	50.9	33	6	03/22	100	0	3
Pioneer 26R61	72.3	<b>77.3</b>	26	76.3	57.6	43	0	03/21	100	15	0
SS8308	71.7	<b>75.2</b>	56	60.1	55.0	37	7	04/02	100	0	25
SS520	70.2	<b>71.1</b>	54	61.0	53.3	41	26	03/22	100	3	8
Dyna-Gro Baldwin	70.1	<b>73.9</b>	37	72.3	55.0	42	8	03/22	100	23	0
AGS 2060	67.8	<b>77.8</b>	11	79.3	57.9	42	10	03/13	100	18	0
Progeny 117	67.2	<b>69.7</b>	55	60.6	55.3	42	86	03/17	100	20	13
SS8404	66.8	<b>72.6</b>	45 <sup>T</sup>	67.3	55.8	32	4	03/27	100	18	3
Progeny 185	66.7	<b>69.8</b>	59 <sup>T</sup>	57.8	54.7	42	1	03/27	100	13	8
Fleming	63.5	<b>71.7</b>	48	64.1	54.1	35	35	03/12	100	30	0
LA841	62.6	<b>71.5</b>	40	71.0	53.5	39	30	03/19	100	23	0
USG 3251	58.4	<b>56.6</b>	72	35.2	54.3	30	4	03/30	100	15	13
USG 3438	52.5	<b>51.3</b>	77	26.1	51.0	32	4	04/05	100	20	8
GA04570-10E46	.	<b>88.3</b>	2	<b>87.0</b>	57.7	41	0	03/14	100	5	0
GA031257-10E41	.	<b>86.4</b>	9 <sup>T</sup>	80.4	55.9	38	28	03/22	100	0	0
GA031257-10LEL34	.	<b>83.1</b>	25 <sup>T</sup>	76.7	57.0	36	5	03/23	100	3	0
GA031134-10E29	.	<b>83.0</b>	19	77.6	53.8	39	15	03/25	100	3	0
GA021338-9EE11	.	<b>79.1</b>	23	77.1	55.1	40	10	03/16	100	5	0
GA031086-10E26	.	<b>77.8</b>	34	74.7	54.5	36	23	03/26	100	15	0
GA021773-9EE21	.	<b>75.8</b>	36	73.9	53.3	37	9	03/20	100	70	0
GA031238-10LEL33	.	<b>75.7</b>	45 <sup>T</sup>	67.3	54.6	38	9	03/26	100	5	0
USG 3409	.	<b>74.8</b>	53	61.4	50.8	38	8	03/26	100	0	30
TV8525	.	<b>72.8</b>	59 <sup>T</sup>	57.8	55.4	36	3	03/30	100	5	13
Pioneer 26R10	.	<b>71.6</b>	47 <sup>T</sup>	65.9	55.4	37	0	04/05	100	13	0
GA-Gore	.	<b>71.4</b>	41 <sup>T</sup>	70.5	52.9	43	11	03/17	100	20	5
TV8535	.	<b>56.8</b>	75	30.7	50.5	29	4	04/05	100	10	18
TV8626	.	<b>53.8</b>	74	31.0	50.1	29	4	04/05	100	30	0
GA04434-11E44	.	.	1	<b>93.6</b>	55.4	39	1	03/16	100	3	0
GA041052-11E51	.	.	3	86.0	55.8	36	75	03/12	100	8	0

**Tifton, Georgia:**  
**Wheat Grain Performance, 2011-2012 (Continued)**

Brand-Variety	Yield <sup>1</sup>		Rank	Yield <sup>1</sup> bu/acre	Test Wt lb/bu	Ht in	Lodg. %	2012 Data			
	3-Year Average	2-Year Average						Head Date	Winter Survival	Mildew	Leaf Rust
	---- bu/acre ----							mo/day	%	%	%
GA041293-11E54	.	.	4	85.2	54.7	38	1	03/17	100	15	0
GA03136-10EEL9	.	.	6	83.1	53.5	41	71	03/12	100	20	0
LA04110D-7	.	.	7	81.6	58.9	44	10	03/16	100	18	0
GA031421-11E57	.	.	8 <sup>T</sup>	80.6	55.6	37	8	03/23	100	5	0
GA04444-11LE25	.	.	10	79.8	57.1	38	3	03/22	100	13	0
LA02015E201	.	.	12	79.2	57.5	41	19	03/12	100	20	0
NC08-23089	.	.	13	79.1	56.8	38	30	03/14	100	18	0
LA02024E12	.	.	14	79.0	56.9	40	0	03/14	100	23	0
GA04494-11E49	.	.	16	78.2	56.4	37	5	03/19	100	15	0
GA04151-11E26	.	.	17	78.1	57.7	41	4	03/20	100	8	0
GA041293-11LE37	.	.	18	77.8	55.3	40	0	03/16	100	3	0
VA07W-415	.	.	20	77.5	54.5	43	1	03/28	100	0	0
VA05W-151	.	.	22	77.2	56.3	39	51	03/22	100	5	0
LA02015E58	.	.	25 <sup>T</sup>	76.7	57.7	40	34	03/12	100	28	0
VA06W-412	.	.	28	75.8	56.1	36	4	03/23	100	5	0
GA041296-11LE39	.	.	30	75.6	54.4	42	19	03/23	100	0	0
VA08W-294	.	.	31	75.5	54.7	40	26	03/21	100	5	0
GA041323-11E63	.	.	32	75.3	54.1	39	3	03/20	100	10	0
Exp 32110	.	.	38	71.5	56.2	37	0	03/30	100	30	0
GA04500-11LE11	.	.	39	71.2	50.2	37	51	03/18	100	18	0
NC08-23323	.	.	41 <sup>T</sup>	70.5	55.9	38	3	03/21	100	3	0
GA04417-11E21	.	.	42	69.2	53.3	38	5	03/25	100	10	0
GA04510-11LE24	.	.	43	68.5	51.8	40	0	03/26	100	15	0
Pioneer Pioneer XW10 <sup>1</sup>	.	.	44	67.7	55.6	36	0	03/30	100	10	5
Coker 9553	.	.	46	67.2	56.5	40	11	03/22	100	15	8
Progeny 125	.	.	47 <sup>T</sup>	65.9	53.2	37	10	03/20	100	28	8
Pioneer 26R20	.	.	50	63.0	58.0	43	0	04/07	100	0	3
GA04244-11E1	.	.	51	62.8	54.2	38	6	03/24	100	5	0
SS 8500	.	.	57	59.2	55.2	37	1	03/28	100	8	5
VA08W-176	.	.	58	58.4	55.6	40	4	03/30	100	10	0
SS 8340	.	.	60	57.0	54.8	35	1	03/28	100	5	25
USG 3244	.	.	61	54.4	53.8	42	3	03/28	100	40	0
PGX 11-8	.	.	62	52.7	54.6	35	0	03/29	100	18	5
SS 5205	.	.	63	50.1	54.7	34	4	03/28	100	10	0
NC-Cape Fear	.	.	64	48.9	54.5	35	4	03/28	100	0	20
Exp 32112	.	.	65	44.4	49.1	38	0	.	100	10	0
Exp 32113	.	.	66	40.5	52.1	41	9	04/03	100	50	3
NC08-21273	.	.	67	39.7	54.1	38	4	03/30	100	0	5
Exp 32111	.	.	68	39.3	52.6	37	2	04/03	100	0	35
PGX 11-14	.	.	69	38.6	51.6	37	4	04/05	100	23	0
NC-Yadkin	.	.	70	38.5	54.0	35	3	04/06	100	0	15
USG 3562	.	.	71	38.2	55.1	33	1	03/30	100	0	45
Progeny 870	.	.	73	33.9	51.9	31	3	04/05	100	18	3
Progeny 357	.	.	76	28.5	48.4	33	4	04/05	100	25	5
Average	71.2	75.2		66.2 <sup>2</sup>	54.7	38	13	03/23	100	13	4
LSD at 10% Level	4.7	N.S. <sup>3</sup>		6.8	1.4	2	17	01	-	-	-
Std. Err. of Entry Mean	2.0	2.2		2.9	0.6	1	7	01	-	-	-

## Tifton, Georgia: Wheat Grain Performance, 2011-2012 (Continued)

---

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 8.8%, and df for EMS = 249.
3. The F-test indicated no statistical difference at the  $\alpha = 0.1$  probability level; therefore, an LSD value was not calculated.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD ( $P = 0.10$ ).

Planted: November 16, 2011.

Harvested: May 18, 2012.

Seeding Rate: 22 seeds per foot in 7" rows.

Soil Type: Tifton sandy loam.

Soil Test: P = Medium, K = Medium, and pH = 5.9.

Fertilization: Preplant: 50 lb N, 50 lb P<sub>2</sub>O<sub>5</sub>, and 50 lb K<sub>2</sub>O/acre.

Topdress: 70 lb N/acre.

Management: Disked and rototilled; Harmony Extra used for weed control; Warrior used for insect control.

Previous Crop: Canola.

Test conducted by A. Coy, R. Brooke and D. Dunn.

## Tifton, Georgia: Late-Planted Wheat Grain Performance, 2011-2012

Brand-Variety	Yield <sup>1</sup>		Rank	Yield <sup>1</sup> bu/acre	Test Wt lb/bu	Ht in	2012 Data				
	3-Year Average ---- bu/acre ----	2-Year Average					Lodg. %	Head Date mo/day	Winter Survival %	Mildew %	Leaf Rust %
Jamestown	<b>45.8</b>	<b>52.9</b>	4	48.7	56.4	30	0	03/26	100	10	.
AGS 2060	<b>41.8</b>	<b>48.7</b>	6	42.8	56.6	37	0	03/24	100	50	.
Arcadia	<b>41.1</b>	<b>44.8</b>	8	36.6	54.1	29	0	03/26	100	45	.
Coker 9700	<b>38.9</b>	<b>45.7</b>	10	29.3	50.8	30	0	03/23	100	60	.
Fleming	<b>38.8</b>	<b>47.5</b>	5	45.7	53.2	29	0	03/16	100	0	.
Progeny 117	<b>34.8</b>	<b>43.6</b>	11	26.5	48.9	33	0	03/26	100	65	.
USG 3555	<b>31.0</b>	<b>38.3</b>	14	12.8	28.8	23	0	04/03	100	15	.
SS520	<b>29.0</b>	<b>32.7</b>	15	12.3	28.8	29	0	04/01	100	50	.
GA03580-10EEL15	.	<b>60.8</b>	2	<b>54.7</b>	55.8	32	0	03/21	100	0	.
GA03136-10EEL9	.	<b>59.7</b>	3	<b>52.2</b>	52.6	30	0	03/21	100	55	.
USG 3409	.	<b>46.9</b>	9	29.8	45.0	33	0	03/30	100	20	.
GA041418-11EE16	.	.	1	<b>56.7</b>	51.6	33	0	03/22	100	0	.
GA021773-9EE21	.	.	7	39.0	53.7	33	0	03/26	100	55	.
Coker 9553	.	.	12	24.4	50.1	30	0	04/04	100	20	.
Progeny 125	.	.	13	20.2	43.8	26	0	03/30	100	80	.
USG 3562	.	.	16	3.4	28.8	26	0	.	100	80	.
Average	37.6	47.4		33.42	47.4	30	0	03/26	100	38	.
LSD at 10% Level	N.S. <sup>2</sup>	N.S.		7.3	2.4	2	-	01	-	-	.
Std. Err. of Entry Mean	1.4	2.1		3.1	1.0	1	-	01	-	-	.

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 18.4%, and df for EMS = 45.
3. The F-test indicated no statistical difference at the alpha = 0.1 probability level; therefore, an LSD value was not calculated.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: December 16, 2011.

Harvested: May 18, 2012.

Seeding Rate: 22 seeds per foot in 7" rows.

Soil Type: Tifton sandy loam.

Soil Test: P = Medium, K = Medium, and pH = 5.9.

Fertilization: Preplant: 50 lb N, 50 lb P<sub>2</sub>O<sub>5</sub>, and 50 lb K<sub>2</sub>O/acre.

Topdress: 70 lb N/acre.

Management: Disked and rototilled; Osprey used for weed control; Warrior used for insect control.

Previous Crop: Soybeans.

Test conducted by A. Coy, R. Brooke and D. Dunn.

## Plains, Georgia: Wheat Grain Performance, 2011-2012

Brand-Variety	Yield <sup>1</sup>		Rank	2012 Data								
	3-Year Average	2-Year Average		Yield <sup>1</sup>	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Mildew	Stripe Rust	Leaf Rust
	---- bu/acre ----	---- bu/acre ----		bu/acre	lb/bu	in	%	mo/day	%	%	%	%
Oglethorpe	79.1	80.9	14	71.9	58.9	32	2	03/24	100	0	0	0
AGS 2035	79.0	85.3	2	82.0	60.4	35	1	03/24	100	5	0	0
Coker 9700	78.9	83.5	7	77.3	61.0	33	9	03/24	100	5	0	0
AGS 2026	78.9	80.3	21	69.2	57.1	31	13	03/23	100	20	0	0
Jamestown	73.7	77.2	19	69.5	60.4	31	4	03/25	100	10	0	0
SS8641	73.7	76.1	18 <sup>T</sup>	69.7	58.3	35	2	03/31	100	0	0	0
AGS 2038	73.5	79.6	8	75.6	58.5	35	3	03/27	100	0	0	0
LA01110D-150	72.2	74.6	15	71.1	58.8	34	3	03/25	100	10	0	0
LA821	71.8	73.6	34 <sup>T</sup>	62.8	57.5	33	20	03/24	100	0	0	0
Arcadia	71.2	73.7	24	66.8	60.2	32	3	03/24	100	15	0	10
USG 3555	70.3	73.0	29	65.0	57.2	33	2	04/05	100	0	0	0
USG 3438	69.9	67.1	59	45.5	53.3	33	3	04/05	100	0	20	0
Dyna-Gro Baldwin	69.8	70.9	41	60.7	58.6	36	3	03/30	100	25	0	0
SS8308	69.6	70.7	55	51.1	59.2	34	4	04/05	100	30	40	0
AGS 2060	68.5	70.6	20 <sup>T</sup>	69.3	60.6	37	20	03/23	100	15	0	0
Progeny 117	68.5	69.7	47	57.4	57.5	35	18	03/23	100	0	60	10
GA021245-9E16	67.2	70.6	31	64.4	60.4	32	4	03/24	100	10	0	0
LA841	67.0	72.3	27	65.6	56.8	33	8	03/23	100	20	0	0
Progeny 185	66.7	67.2	52	51.7	56.8	35	8	04/05	100	0	40	0
SS520	65.3	62.7	62	42.6	59.6	32	8	04/05	100	0	50	50
Pioneer 26R61	64.9	67.1	50 <sup>T</sup>	54.4	57.9	34	1	03/25	100	5	10	0
Fleming	64.5	64.3	53	51.4	57.2	29	18	03/15	100	0	30	0
USG 3251	59.9	57.3	73	31.7	52.6	35	10	04/05	100	0	40	0
SS8404	59.8	58.5	71	32.3	59.3	27	8	04/01	100	0	60	40
GA04570-10E46	.	83.8	1	83.1	60.5	35	1	03/24	100	0	0	0
GA031257-10E41	.	81.5	11 <sup>T</sup>	73.4	60.8	34	2	03/28	100	0	0	0
GA031086-10E26	.	78.8	17	69.9	58.7	34	4	03/30	100	0	0	0
GA031238-10LEL33	.	75.0	26 <sup>T</sup>	65.9	58.7	33	5	03/28	100	0	0	0
GA021338-9EE11	.	74.9	11 <sup>T</sup>	73.4	59.8	36	3	03/23	100	0	0	0
GA031134-10E29	.	72.9	33	63.3	56.8	31	14	03/31	100	0	0	0
USG 3409	.	70.7	43	59.4	57.4	34	9	04/01	100	0	30	30
GA021773-9EE21	.	69.1	46	58.2	57.7	31	1	03/25	100	40	0	0
Pioneer 26R10	.	66.5	58	45.7	55.0	34	0	04/05	100	40	0	20
TV8535	.	64.3	57	46.0	55.6	34	3	04/05	100	0	20	0
GA-Gore	.	64.1	49	54.6	57.6	36	6	03/25	100	0	30	0
GA031257-10LEL34	.	63.8	61	43.4	58.3	33	8	03/29	100	0	0	0
TV8525	.	62.6	64	41.0	56.0	31	2	04/05	100	0	40	20
TV8626	.	57.4	72	31.9	52.5	31	4	04/05	100	0	40	10
GA041323-11E63	.	.	3	81.9	58.8	33	4	03/24	100	5	0	0
GA041293-11E54	.	.	4	80.2	59.8	33	5	03/25	100	0	0	0
GA04151-11E26	.	.	5	78.2	61.3	34	1	03/27	100	10	0	0
GA04434-11E44	.	.	6	77.6	58.6	32	1	03/28	100	0	0	0
GA04444-11LE25	.	.	9	74.3	58.7	34	3	03/30	100	0	0	0
GA03136-10EEL9	.	.	10	73.9	56.8	32	4	03/22	100	5	0	0
LA02015E58	.	.	12 <sup>T</sup>	73.1	59.4	34	14	03/20	100	10	0	0

**Plains, Georgia:**  
**Wheat Grain Performance, 2011-2012 (Continued)**

Brand-Variety	Yield <sup>1</sup>		2012 Data									
	3-Year	2-Year	Rank	Yield <sup>1</sup>	Test			Head	Winter	Mildew	Stripe	Leaf
	Average	Average			Wt	Ht	Lodg.	Date	Survival		Rust	Rust
----	bu/acre	----	bu/acre	lb/bu	in	%	mo/day	%	%	%	%	
GA041052-11E51	.	.	12 <sup>T</sup>	<b>73.1</b>	57.7	32	9	03/23	100	0	0	0
GA041293-11LE37	.	.	13	<b>72.0</b>	59.3	35	1	03/27	100	0	0	0
GA04510-11LE24	.	.	16	<b>70.1</b>	59.5	37	5	04/01	100	10	0	0
GA04494-11E49	.	.	18 <sup>T</sup>	<b>69.7</b>	59.1	33	1	03/25	100	10	0	0
VA07W-415	.	.	20 <sup>T</sup>	<b>69.3</b>	58.6	36	3	03/30	100	0	0	0
NC08-23323	.	.	22	<b>68.0</b>	59.8	36	0	04/02	100	0	5	0
GA04417-11E21	.	.	23	<b>67.2</b>	60.2	33	2	03/30	100	25	0	0
VA08W-294	.	.	25	<b>66.1</b>	58.5	34	1	03/24	100	0	0	0
LA04110D-7	.	.	26 <sup>T</sup>	<b>65.9</b>	61.6	33	3	03/23	100	10	5	0
LA02015E201	.	.	28	<b>65.5</b>	59.6	34	4	03/24	100	15	0	0
Progeny 125	.	.	30	64.6	57.7	32	5	03/25	100	20	0	0
SS 5205	.	.	32	63.4	58.4	33	1	04/05	100	0	40	10
GA04500-11LE11	.	.	34 <sup>T</sup>	62.8	57.3	34	2	03/27	100	20	0	0
Coker 9553	.	.	35	62.5	60.4	34	3	03/27	100	10	5	0
VA05W-151	.	.	36	62.4	60.7	34	3	03/25	100	0	40	20
SS 8500	.	.	37 <sup>T</sup>	62.3	56.8	35	0	04/07	100	0	5	0
VA06W-412	.	.	37 <sup>T</sup>	62.3	60.8	31	2	03/27	100	0	40	30
GA04244-11E1	.	.	38	62.1	58.2	35	7	04/05	100	0	0	0
LA02024E12	.	.	39	61.7	56.7	34	5	03/25	100	5	0	0
Exp 32110	.	.	40	61.0	58.6	32	1	04/05	100	0	40	30
VA08W-176	.	.	72	60.6	60.0	34	2	04/05	100	0	5	0
USG 3562	.	.	44	59.1	56.9	32	3	04/05	100	0	60	0
GA041296-11LE39	.	.	45	59.0	60.1	34	4	03/31	100	0	0	0
Pioneer XW10T	.	.	48	55.1	56.6	33	1	04/05	100	0	30	0
SS 8340	.	.	50 <sup>T</sup>	54.4	57.8	33	2	04/05	100	25	0	0
GA031421-11E57	.	.	51	52.8	59.3	34	9	03/30	100	0	0	0
NC08-23089	.	.	54	51.2	57.7	32	9	03/23	100	0	80	10
Exp 32113	.	.	56	48.6	55.8	33	7	04/05	100	40	0	0
PGX 11-8	.	.	60	43.6	57.5	31	2	04/05	100	0	50	20
Exp 32112	.	.	63	42.1	51.6	33	1	04/07	100	0	50	20
Exp 32111	.	.	65	39.5	56.6	33	6	04/05	100	0	80	30
Progeny 870	.	.	66	39.1	54.6	32	3	04/05	100	10	50	0
Pioneer 26R20	.	.	67	37.9	56.0	35	3	04/05	100	0	50	20
NC08-21273	.	.	68	36.9	58.3	32	4	04/05	100	0	80	40
PGX 11-14	.	.	69	34.4	51.6	33	6	04/05	100	40	0	20
NC-Cape Fear	.	.	70	34.3	61.6	29	6	04/05	100	0	90	50
Progeny 357	.	.	74	24.9	49.4	32	4	04/05	100	10	30	30
USG 3244	.	.	75	23.3	.	36	7	04/05	100	0	60	20
NC-Yadkin	.	.	76	15.0	46.9	28	3	04/07	100	20	20	20
Average	70.2	71.4		58.7 <sup>2</sup>	57.9	33	5	03/29	100	7	17	7
LSD at 10% Level	N.S. <sup>3</sup>	N.S.		17.6	2.6	3	8	-	-	-	-	-
Std. Err. of Entry Mean	2.7	3.7		7.6	1.1	1	3	-	-	-	-	-

## Plains, Georgia: Wheat Grain Performance, 2011-2012 (Continued)

---

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
3. C.V. = 25.7%, and df for EMS = 249.
4. The F-test indicated no statistical difference at the  $\alpha = 0.1$  probability level; therefore, an LSD value was not calculated.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD ( $P = 0.10$ ).

Planted: December 2, 2011.

Harvested: May 24, 2012.

Seeding Rate: 22 seeds per foot in 7" rows.

Soil Type: Greenville sandy loam.

Soil Test: P = Medium, K = High, and pH = 6.2.

Fertilization: Preplant: 15 lb N, 66 lb  $P_2O_5$ , and 18 lb  $K_2O$ /acre.

Topdress: 80 lb N/acre.

Management: Disked, chisel plowed and rototilled; irrigated 1 inch on March 26, 2012.

Previous Crop: Peanuts.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

## Plains, Georgia: Wheat Grain Performance with Foliar Fungicide, 2011-2012

Brand-Variety	Yield <sup>1</sup>		Rank	2012 Data							
	3-Year Average	2-Year Average		Yield <sup>1</sup>	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Mildew	Leaf Rust
	---- bu/acre	---- bu/acre		bu/acre	lb/bu	in	%	mo/day	%	%	%
AGS 2026	<b>85.4</b>	<b>92.0</b>	7	87.1	58.8	35	1	03/24	.	0	40
Oglethorpe	<b>81.5</b>	<b>86.3</b>	21 <sup>T</sup>	81.9	57.9	33	8	03/24	.	0	10
LA821	<b>81.4</b>	<b>86.7</b>	12	84.5	58.7	34	8	03/23	.	0	0
Coker 9700	<b>81.1</b>	<b>84.3</b>	20 <sup>T</sup>	82.3	60.7	31	8	03/23	.	0	0
Jamestown	<b>80.1</b>	<b>86.3</b>	10	84.8	61.0	31	0	03/24	.	0	0
AGS 2035	<b>80.0</b>	<b>84.9</b>	16	83.6	59.7	35	5	03/26	.	0	0
Dyna-Gro Baldwin	<b>78.4</b>	<b>83.6</b>	15	83.8	60.4	39	0	03/30	.	0	0
SS8641	<b>77.1</b>	<b>83.1</b>	25	78.8	59.6	37	0	04/01	.	0	0
AGS 2060	<b>76.9</b>	<b>82.3</b>	8	86.0	62.1	37	6	03/25	.	0	0
USG 3555	<b>75.7</b>	<b>79.4</b>	36	74.8	57.0	29	1	04/01	.	0	0
Progeny 117	<b>75.4</b>	<b>80.9</b>	32 <sup>T</sup>	76.1	59.7	36	10	03/24	.	0	0
GA021245-9E16	<b>74.8</b>	<b>80.3</b>	19	82.7	59.1	35	0	03/25	.	0	0
SS8308	<b>74.8</b>	<b>79.2</b>	54	65.8	59.3	31	1	04/05	.	0	10
AGS 2038	<b>74.3</b>	<b>82.1</b>	18	82.9	59.3	37	1	03/27	.	0	0
Arcadia	<b>73.6</b>	<b>77.6</b>	44	70.4	59.0	33	23	03/26	.	0	0
SS8404	<b>72.4</b>	<b>76.7</b>	57	63.1	60.5	29	1	04/05	.	0	40
Pioneer 26R61	<b>72.2</b>	<b>78.9</b>	38	74.6	59.9	37	0	03/25	.	0	0
Fleming	<b>70.9</b>	<b>75.3</b>	42	72.9	60.5	31	4	03/14	.	0	0
USG 3251	<b>69.8</b>	<b>70.4</b>	66	48.5	53.3	33	1	04/05	.	0	0
LA841	<b>69.3</b>	<b>75.2</b>	41	73.0	55.8	33	3	03/26	.	0	0
SS520	<b>67.2</b>	<b>65.9</b>	67	48.4	59.9	33	1	03/30	.	0	50
USG 3438	<b>66.6</b>	<b>62.1</b>	72	40.2	51.5	31	3	04/05	.	0	0
Progeny 185	<b>65.6</b>	<b>66.8</b>	64	51.1	55.5	35	1	04/05	.	0	0
GA031134-10E29	.	<b>90.5</b>	11	84.6	59.2	33	12	04/02	.	0	0
GA04570-10E46	.	<b>90.2</b>	3	89.0	60.0	37	0	03/24	.	0	0
GA021338-9EE11	.	<b>87.4</b>	9	85.7	60.3	35	1	03/25	.	0	0
GA031086-10E26	.	<b>86.0</b>	20 <sup>T</sup>	82.3	59.8	35	3	03/30	.	0	0
GA031257-10LEL34	.	<b>83.9</b>	35	74.9	61.0	33	0	04/01	.	0	0
USG 3409	.	<b>83.6</b>	30	77.2	59.1	38	0	04/01	.	0	10
GA031257-10E41	.	<b>82.7</b>	28	77.8	61.1	33	0	03/28	.	0	0
GA031238-10LEL33	.	<b>81.3</b>	31	77.1	60.0	33	1	04/02	.	0	0
GA021773-9EE21	.	<b>80.3</b>	33	75.6	58.4	33	3	03/24	.	0	0
Pioneer Pioneer Pioneer	.	<b>76.7</b>	56	64.0	55.9	33	0	04/05	.	0	0
GA-Gore	.	<b>71.6</b>	55	64.8	44.9	35	16	03/27	.	0	0
TV8525	.	<b>70.6</b>	60	53.8	57.1	31	0	04/05	.	0	20
TV8535	.	<b>70.0</b>	65	49.0	54.6	29	13	04/05	.	0	0
TV8626	.	<b>64.7</b>	71 <sup>T</sup>	41.3	50.1	31	1	04/05	.	0	10
GA041052-11E51	.	.	1	<b>96.1</b>	60.5	30	8	03/23	.	0	0
GA03136-10EEL9	.	.	2	<b>95.2</b>	56.5	31	8	03/23	.	0	0
GA041293-11E54	.	.	4 <sup>T</sup>	88.3	58.5	33	0	03/28	.	0	0
GA041323-11E63	.	.	4 <sup>T</sup>	88.3	59.3	36	0	03/28	.	0	0
GA04434-11E44	.	.	5	88.0	58.5	33	0	03/26	.	0	0
GA04151-11E26	.	.	6	87.6	61.3	34	8	03/29	.	0	0
LA04110D-7	.	.	13	84.2	61.5	35	5	03/25	.	0	0
GA031421-11E57	.	.	14	84.0	59.9	31	0	04/01	.	0	0



**Plains, Georgia:**  
**Wheat Grain Performance with Foliar Fungicide, 2011-2012**  
**(Continued)**

Brand-Variety	Yield <sup>1</sup>		2012 Data								
	3-Year Average	2-Year Average	Rank	Yield <sup>1</sup>	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Mildew	Leaf Rust
	---- bu/acre	---- bu/acre		bu/acre	lb/bu	in	%	mo/day	%	%	%
GA04500-11LE11	.	.	17	83.1	58.5	34	5	03/31	.	0	0
VA07W-415	.	.	21 <sup>T</sup>	81.9	59.1	37	0	04/01	.	0	0
GA041293-11LE37	.	.	22	80.9	59.5	33	0	03/27	.	0	0
GA041296-11LE39	.	.	23	80.7	60.3	35	0	03/31	.	0	0
GA04494-11E49	.	.	24	79.9	58.6	33	0	03/27	.	0	10
LA02015E201	.	.	26	78.5	59.7	33	0	03/24	.	0	0
LA02015E58	.	.	27	78.3	60.1	35	0	03/25	.	0	0
VA05W-151	.	.	29	77.3	61.0	29	10	03/24	.	0	10
GA04444-11LE25	.	.	32 <sup>T</sup>	76.1	60.1	34	0	03/31	.	0	0
Progeny 125	.	.	34	75.4	58.6	31	1	03/25	.	0	0
GA04417-11E21	.	.	37	74.7	59.6	33	0	03/31	.	0	0
LA02024E12	.	.	39	74.2	58.3	35	0	03/26	.	0	0
VA06W-412	.	.	40	73.9	61	29	3	03/24	.	0	20
GA04510-11LE24	.	.	43	71.5	57.4	37	0	04/02	.	0	0
NC08-23323	.	.	45	69.1	58.9	37	0	04/05	.	0	0
SS 8500	.	.	46	68.9	57.3	35	0	04/05	.	0	0
Coker 9553	.	.	47	68.4	60.7	35	1	03/29	.	0	0
GA04244-11E1	.	.	48	67.4	58.4	33	1	04/03	.	0	0
Exp 32110	.	.	49	67.1	57.8	33	0	04/05	.	0	20
Pioneer Pioneer XW10 <sup>7</sup>	.	.	50	66.9	56.8	25	0	04/05	.	0	10
VA08W-176	.	.	51	66.8	60.1	37	1	.	.	0	0
VA08W-294	.	.	52	66.6	57.9	33	1	03/25	.	0	0
NC08-23089	.	.	53	66.4	59.3	36	1	03/23	.	0	10
SS 8340	.	.	58	59.1	58.5	31	0	04/05	.	0	0
PGX 11-8	.	.	59	57.7	57.4	31	1	04/05	.	0	10
Exp 32111	.	.	61	52.9	56.3	29	1	04/05	.	0	30
SS 5205	.	.	62 <sup>T</sup>	52.5	57.2	29	0	04/05	.	0	0
PGX 11-14	.	.	62 <sup>T</sup>	52.5	52.6	31	0	04/05	.	0	0
Exp 32113	.	.	63	51.4	52.8	34	3	04/05	.	0	20
USG 3244	.	.	68	47.0	56.2	35	1	04/05	.	0	10
Pioneer 26R20	.	.	69	46.9	54.7	35	0	04/05	.	0	40
Progeny 357	.	.	70	41.8	50.9	31	0	04/05	.	0	20
USG 3562	.	.	71 <sup>T</sup>	41.3	57.7	27	0	04/05	.	0	0
NC-Cape Fear	.	.	73	39.1	57.7	29	1	04/05	.	0	50
Progeny 870	.	.	74	38.1	53.6	27	1	04/05	.	0	0
NC08-21273	.	.	75	36.6	57.5	29	0	04/05	.	0	60
Exp 32112	.	.	76	33.9	49.9	31	0	04/05	.	0	20
NC-Yadkin	.	.	77	27.2	50.4	31	1	04/05	.	0	40
Average	75.0	79.4		69.4 <sup>2</sup>	57.9	33	2	03/30	.	0	7
LSD at 10% Level	N.S. <sup>3</sup>	N.S.		5.5	3.4	1	8	-	.	-	-
Std. Err. of Entry Mean	2.4	2.5		2.3	1.4	1	3	-	.	-	-

**Plains, Georgia:**  
**Wheat Grain Performance with Foliar Fungicide, 2011-2012**  
**(Continued)**

---

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 6.8%, and df for EMS = 246.
3. The F-test indicated no statistical difference at the alpha = 0.1 probability level; therefore, an LSD value was not calculated.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: December 2, 2011.

Harvested: May 24, 2012.

Seeding Rate: 22 seeds per foot in 7" rows.

Soil Type: Greenville sandy loam.

Soil Test: P = Medium, K = High, and pH = 6.2.

Fertilization: Preplant: 15 lb N, 66 lb P<sub>2</sub>O<sub>5</sub>, and 18 lb K<sub>2</sub>O/acre.

Topdress: 80 lb N/acre.

Management: Disked, chisel plowed and rotated; irrigated 1 inch on March 26, 2012; Tilt used for disease control.

Previous Crop: Peanuts.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

## Plains, Georgia: Effect of Fungicide on Wheat Grain Yield, 2011-2012

Brand-Variety	Yield <sup>1</sup>		Difference with Fungicide bu/acre	Change with Fungicide %	Leaf Rust %
	no fungicide ----- bu/acre	fungicide <sup>2</sup> -----			
GA04570-10E46	<b>83.1</b>	89.0	5.8	<b>7.0</b>	0
AGS 2035	<b>82.0</b>	83.6	1.7	<b>2.0</b>	0
GA041323-11E63	<b>81.9</b>	88.3	6.3	<b>7.8</b>	0
GA041293-11E54	<b>80.2</b>	88.3	8.1	<b>10.1</b>	0
GA04151-11E26	<b>78.2</b>	87.6	9.5	<b>12.1</b>	0
GA04434-11E44	<b>77.6</b>	88.0	10.4	<b>13.4</b>	0
Coker 9700	<b>77.3</b>	82.3	5.0	<b>6.5</b>	0
AGS 2038	<b>75.6</b>	82.9	7.3	<b>9.7</b>	0
GA04444-11LE25	<b>74.3</b>	76.1	1.8	<b>2.5</b>	0
GA03136-10EEL9	<b>73.9</b>	<b>95.2</b>	<b>21.3</b>	<b>28.8</b>	0
GA031257-10E41	<b>73.4</b>	77.8	4.4	<b>6.0</b>	0
GA021338-9EE11	<b>73.4</b>	85.7	12.3	<b>16.8</b>	0
LA02015E58	<b>73.1</b>	78.3	5.1	<b>7.0</b>	0
GA041052-11E51	<b>73.1</b>	<b>96.1</b>	<b>23.1</b>	<b>31.6</b>	0
GA041293-11LE37	<b>72.0</b>	80.9	8.9	<b>12.4</b>	0
Oglethorpe	<b>71.9</b>	81.9	10.1	<b>14.0</b>	10
GA04510-11LE24	<b>70.1</b>	71.5	1.5	<b>2.1</b>	0
GA031086-10E26	<b>69.9</b>	82.3	12.4	<b>17.7</b>	0
SS8641	<b>69.7</b>	78.8	9.1	<b>13.0</b>	0
GA04494-11E49	<b>69.7</b>	79.9	10.3	<b>14.7</b>	10
Jamestown	<b>69.5</b>	84.8	<b>15.3</b>	<b>22.0</b>	0
VA07W-415	<b>69.3</b>	81.9	12.6	<b>18.2</b>	0
AGS 2060	<b>69.3</b>	86.0	<b>16.7</b>	<b>24.1</b>	0
AGS 2026	<b>69.2</b>	87.1	<b>17.9</b>	<b>25.9</b>	40
NC08-23323	<b>68.0</b>	69.1	1.0	<b>1.5</b>	0
GA04417-11E21	<b>67.2</b>	74.7	7.5	<b>11.2</b>	0
Arcadia	<b>66.8</b>	70.4	3.6	<b>5.4</b>	0
VA08W-294	<b>66.1</b>	66.6	0.5	<b>0.7</b>	0
GA031238-10LEL33	<b>65.9</b>	77.1	11.2	<b>17.0</b>	0
LA04110D-7	<b>65.9</b>	84.2	<b>18.3</b>	<b>27.8</b>	0
LA841	<b>65.6</b>	73.0	7.4	<b>11.3</b>	0
LA02015E201	<b>65.5</b>	78.5	12.9	<b>19.8</b>	0
USG 3555	65.0	74.8	9.8	<b>15.1</b>	0
Progeny 125	64.6	75.4	10.8	<b>16.7</b>	0
GA021245-9E16	64.4	82.7	18.4	<b>28.5</b>	0
SS 5205	63.4	52.5	-10.9	<b>-17.2</b>	0
GA031134-10E29	63.3	84.6	<b>21.3</b>	<b>33.7</b>	0
GA04500-11LE11	62.8	83.1	<b>20.2</b>	<b>32.2</b>	0
LA821	62.8	84.5	<b>21.8</b>	<b>34.6</b>	0
Coker 9553	62.5	68.4	5.9	<b>9.4</b>	0
VA05W-151	62.4	77.3	<b>15.0</b>	<b>24.0</b>	10
SS 8500	62.3	68.9	6.6	<b>10.6</b>	0
VA06W-412	62.3	73.9	11.7	<b>18.7</b>	20
GA04244-11E1	62.1	67.4	5.3	<b>8.6</b>	0
LA02024E12	61.7	74.2	12.5	<b>20.3</b>	0

**Plains, Georgia:**  
**Effect of Fungicide on Wheat Grain Yield, 2011-2012**  
**(Continued)**

Brand-Variety	Yield <sup>1</sup>		Difference with Fungicide bu/acre	Change with Fungicide %	Leaf Rust %
	no fungicide ----- bu/acre	fungicide <sup>2</sup> ----- bu/acre			
Exp 32110	61.0	67.1	6.2	<b>10.1</b>	20
Dyna-Gro Baldwin	60.7	83.8	<b>23.1</b>	<b>38.0</b>	0
VA08W-176	60.6	66.8	6.2	<b>10.2</b>	0
USG 3409	59.4	77.2	<b>17.8</b>	<b>30.0</b>	10
USG 3562	59.1	41.3	-17.8	<b>-30.1</b>	0
GA041296-11LE39	59.0	80.7	<b>21.7</b>	<b>36.7</b>	0
GA021773-9EE21	58.2	75.6	<b>17.4</b>	<b>29.8</b>	0
Progeny 117	57.4	76.1	<b>18.7</b>	<b>32.6</b>	0
Pioneer XW10T	55.1	66.9	11.8	<b>21.4</b>	10
GA-Gore	54.6	64.8	10.2	<b>18.7</b>	0
SS 8340	54.4	59.1	4.7	<b>8.6</b>	0
Pioneer 26R61	54.4	74.6	<b>20.3</b>	<b>37.3</b>	0
GA031421-11E57	52.8	84.0	<b>31.3</b>	<b>59.2</b>	0
Progeny 185	51.7	51.1	-0.6	<b>-1.2</b>	0
Fleming	51.4	72.9	<b>21.6</b>	<b>42.0</b>	0
NC08-23089	51.2	66.4	<b>15.2</b>	<b>29.6</b>	10
SS8308	51.1	65.8	<b>14.7</b>	<b>28.7</b>	10
Exp 32113	48.6	51.4	2.8	<b>5.7</b>	20
TV8535	46.0	49.0	3.0	<b>6.6</b>	0
Pioneer 26R10	45.7	64.0	<b>18.3</b>	<b>40.1</b>	0
USG 3438	45.5	40.2	-5.3	<b>-11.6</b>	0
PGX 11-8	43.6	57.7	<b>14.1</b>	<b>32.4</b>	10
GA031257-10LEL34	43.4	74.9	<b>31.5</b>	<b>72.5</b>	0
SS520	42.6	48.4	5.7	<b>13.4</b>	50
Exp 32112	42.1	33.9	-8.1	<b>-19.3</b>	20
TV8525	41.0	53.8	12.8	<b>31.3</b>	20
Exp 32111	39.5	52.9	<b>13.4</b>	<b>34.1</b>	30
Progeny 870	39.1	38.1	-1.0	<b>-2.6</b>	0
Pioneer 26R20	37.9	46.9	9.0	<b>23.8</b>	40
NC08-21273	36.9	36.6	-0.3	<b>-0.7</b>	60
PGX 11-14	34.4	52.5	<b>18.1</b>	<b>52.6</b>	0
NC-Cape Fear	34.3	39.1	4.8	<b>13.9</b>	50
SS8404	32.3	63.1	<b>30.8</b>	<b>95.6</b>	40
TV8626	31.9	41.3	9.4	<b>29.4</b>	10
USG 3251	31.7	48.5	<b>16.8</b>	<b>53.1</b>	0
Progeny 357	24.9	41.8	<b>16.8</b>	<b>67.5</b>	20
USG 3244	23.3	47.0	<b>23.8</b>	<b>102.2</b>	10
NC-Yadkin	15.0	27.2	12.2	<b>81.5</b>	40
Average	58.7	69.4	10.8	21.4	7
LSD at 10% Level	17.6	5.5	18.4	N.S. <sup>3</sup>	-
Std. Err. of Entry Mean	7.6	2.3	7.9	27.4	-

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.

2. Tilt fungicide applied to control fungal diseases.

3. The F-test indicated no statistical differences at the alpha = 0.1 probability level; therefore, an LSD

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

## Plains, Georgia: Late-Planted Wheat Grain Performance, 2011-2012

Brand-Variety	Yield <sup>1</sup>		2012 Data								
	3-Year	2-Year	Rank	Yield <sup>1</sup>	Test			Head	Winter	Leaf	
	Average	Average			Wt	Ht	Lodg.				Date
----	bu/acre	----	bu/acre	lb/bu	in	%	mo/day	%	%	%	
Coker 9700	<b>57.7</b>	<b>64.8</b>	5	58.4	61.5	.	.	03/27	.	20	0
AGS 2060	<b>55.5</b>	<b>59.2</b>	4	59.7	62.4	.	.	03/31	.	20	0
Jamestown	<b>53.9</b>	<b>60.0</b>	6	56.5	61.5	.	.	03/31	.	0	20
Progeny 117	<b>52.8</b>	<b>55.7</b>	8	49.0	60.3	.	.	03/31	.	0	0
Fleming	<b>52.2</b>	<b>55.5</b>	11	45.8	59.7	.	.	03/18	.	0	0
Arcadia	<b>49.9</b>	<b>57.8</b>	9	48.2	60.9	.	.	04/03	.	0	20
USG 3555	<b>42.6</b>	<b>44.0</b>	14	21.3	.	.	.	04/05	.	0	0
SS520	<b>41.7</b>	<b>39.0</b>	15	17.0	.	.	.	04/05	.	0	20
GA03136-10EEL9	.	<b>66.6</b>	3	<b>65.3</b>	59.2	.	.	03/28	.	0	0
GA03580-10EEL15	.	<b>66.5</b>	2	<b>67.8</b>	61.6	.	.	03/29	.	0	0
USG 3409	.	<b>55.9</b>	12	45.7	56.5	.	.	04/05	.	20	20
GA041418-11EE16	.	.	1	<b>69.3</b>	59.8	.	.	03/30	.	0	0
Coker 9553	.	.	7	49.4	60.4	.	.	04/03	.	0	20
Progeny 125	.	.	10	47.7	57.6	.	.	03/31	.	0	0
GA021773-9EE21	.	.	13	44.1	60.1	.	.	04/03	.	60	0
USG 3562	.	.	16	7.3	.	.	.	04/05	.	0	20
Average	50.8	56.8		47.0 <sup>2</sup>	60.1	.	.	03/31	.	8	8
LSD at 10% Level	N.S. <sup>3</sup>	N.S.		6.4	1.0			02		-	-
Std. Err. of Entry Mean	1.6	1.8		2.6	0.4			01		-	-

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.

3. C.V. = 7.8%, and df for EMS = 15.

4. The F-test indicated no statistical difference at the alpha = 0.1 probability level; therefore, an LSD value was not calculated.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: December 15, 2011.

Harvested: May 25, 2012.

Seeding Rate: 22 seeds per foot in 7" rows.

Soil Type: Greenville sandy loam.

Soil Test: P = Medium, K = High, and pH = 6.2.

Fertilization: Preplant: 15 lb N, 66 lb P<sub>2</sub>O<sub>5</sub>, and 18 lb K<sub>2</sub>O/acre.  
 Topdress: 80 lb N/acre.

Management: Disked, chisel plowed and rototilled; irrigated 1 inch on March 26, 2012.

Previous Crop: Peanuts.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

## Plains, Georgia: Late-Planted Wheat Grain Performance with Foliar Fungicide, 2011-2012

Brand-Variety	Yield <sup>1</sup>		2012 Data								
	3-Year Average ---- bu/acre ----	2-Year Average	Rank	Yield <sup>1</sup> bu/acre	Test Wt lb/bu	Ht in	Lodg. %	Head Date mo/day	Winter Survival %	Mildew %	Leaf Rust %
Coker 9700	<b>61.2</b>	<b>69.2</b>	8	64.2	61.7	32	10	03/27	.	0	0
Jamestown	<b>60.8</b>	<b>69.2</b>	6	68.2	62.1	32	5	03/29	.	0	20
AGS 2060	<b>60.6</b>	<b>69.2</b>	5	72.1	63.1	38	0	03/31	.	0	0
Progeny 117	<b>60.0</b>	<b>66.8</b>	9	63.6	61.0	32	2	04/01	.	0	20
Fleming	<b>59.1</b>	<b>69.9</b>	4	72.4	61.8	30	5	03/19	.	0	0
USG 3555	<b>56.0</b>	<b>65.2</b>	14	53.8	54.2	30	2	04/05	.	0	0
Arcadia	<b>53.9</b>	<b>62.7</b>	11	59.7	60.5	32	0	04/01	.	0	40
SS520	<b>52.2</b>	<b>57.3</b>	15	38.0	57.3	32	10	04/05	.	0	60
GA03580-10EEL15	.	<b>76.4</b>	1	<b>84.3</b>	63.0	30	0	03/29	.	0	0
GA03136-10EEL9	.	<b>74.5</b>	3	76.6	58.9	32	2	03/27	.	0	0
USG 3409	.	<b>64.2</b>	13	58.7	56.0	34	0	04/05	.	0	20
GA041418-11EE16	.	.	2	<b>80.9</b>	60.0	34	2	03/30	.	0	0
Progeny 125	.	.	7	68.0	58.7	35	2	04/01	.	0	0
Coker 9553	.	.	10	60.7	60.8	32	2	04/03	.	0	0
GA021773-9EE21	.	.	12	59.0	61.2	34	0	03/31	.	0	0
USG 3562	.	.	16	12.8	.	28	2	04/05	.	0	20
Average	58.0	67.7		62.1 <sup>2</sup>	60.0	32	3	03/31	.	0	11
LSD at 10% Level	N.S. <sup>3</sup>	N.S.		5.3	0.6	-	-	01		-	-
Std. Err. of Entry Mean	1.6	2.0		2.2	0.2	-	-	01		-	-

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.

2. C.V. = 7.2%, and df for EMS = 45.

3. The F-test indicated no statistical difference at the alpha = 0.1 probability level; therefore, an LSD value was not calculated.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD

Planted: December 2, 2011.

Harvested: May 15, 2012.

Seeding Rate: 22 seeds per foot in 7" rows.

Soil Type: Greenville sandy loam.

Soil Test: P = Medium, K = High, and pH = 6.2.

Fertilization: Preplant: 15 lb N, 66 lb P<sub>2</sub>O<sub>5</sub>, and 18 lb K<sub>2</sub>O/acre.

Topdress: 80 lb N/acre.

Management: Disked, chisel plowed and rotated; irrigated 1 inch on March 26, 2012; Tilt used for disease control.

Previous Crop: Peanuts.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

## Midville, Georgia: Wheat Grain Performance, 2011-2012

Brand-Variety	Yield <sup>1</sup>		2012 Data							
	3-Year Average	2-Year Average	Rank	Yield <sup>1</sup>	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Mildew
	---- bu/acre ----	---- bu/acre ----		bu/acre	lb/bu	in	%	mo/day	%	%
SS8404	<b>53.1</b>	<b>67.7</b>	15 <sup>T</sup>	70.2	57.7	37	1	03/15	100	0
Dyna-Gro Baldwin	<b>52.7</b>	<b>67.6</b>	17	68.1	55.7	43	36	03/23	100	40
AGS 2038	<b>52.3</b>	64.8	22	67.0	56.6	42	41	03/22	100	0
Jamestown	<b>51.5</b>	<b>66.1</b>	12	70.5	58.8	37	38	03/17	100	0
Arcadia	<b>51.1</b>	63.8	19 <sup>T</sup>	67.9	55.9	38	44	03/17	100	0
SS8308	<b>50.5</b>	63.1	35	63.7	57.3	39	21	03/28	100	40
Pioneer 26R61	<b>49.7</b>	63.6	33	64.6	57.8	41	55	03/17	100	20
GA021245-9E16	<b>49.4</b>	61.7	29 <sup>T</sup>	65.5	57.5	40	15	03/18	100	0
AGS 2035	49.0	63.7	51	57.9	56.0	41	63	03/18	100	60
USG 3555	<b>48.5</b>	<b>67.1</b>	9	71.8	55.0	38	0	03/26	100	0
USG 3251	48.2	60.9	56	56.7	54.3	40	5	04/03	100	0
USG 3438	48.2	57.5	47	59.1	54.4	37	0	04/01	100	40
LA01110D-150	48.0	59.7	60	53.6	53.8	41	83	03/20	100	0
LA821	45.3	56.9	63	52.1	54.2	38	64	03/16	100	0
SS8641	44.7	63.9	31	65.1	56.6	41	6	03/23	100	0
AGS 2060	44.7	55.6	50	58.3	57.0	41	80	03/18	100	20
Progeny 185	44.0	62.8	18	68.0	56.9	46	0	03/28	100	40
Fleming	43.0	53.6	61	53.3	54.4	36	59	03/16	100	40
LA841	42.0	51.5	58	54.6	53.8	39	85	03/17	100	40
Progeny 117	41.8	58.6	55	57.0	56.5	41	48	03/18	100	20
AGS 2026	38.3	53.2	69	50.3	51.1	37	73	03/19	100	0
Oglethorpe	34.7	46.8	72 <sup>T</sup>	48.4	52.7	36	46	03/17	100	0
SS520	34.3	46.7	73	46.8	54.1	41	16	03/21	100	0
Coker 9700	34.2	48.3	72 <sup>T</sup>	48.4	56.1	38	73	03/17	100	0
USG 3409	.	<b>71.5</b>	6	74.1	56.9	40	0	03/28	100	0
GA031134-10E29	.	<b>70.6</b>	3	<b>78.7</b>	55.8	38	56	03/26	100	0
GA021338-9EE11	.	<b>69.0</b>	7	72.3	57.3	41	0	03/20	100	0
GA031257-10LEL34	.	<b>67.8</b>	13	70.4	58.3	38	16	03/25	100	0
Pioneer Pioneer 26R10	.	<b>66.7</b>	28	65.6	55.0	38	0	04/02	100	20
GA04570-10E46	.	<b>65.4</b>	29 <sup>T</sup>	65.5	56.1	43	65	03/18	100	0
GA031257-10E41	.	64.8	21	67.1	57.5	37	39	03/23	100	0
TV8525	.	60.6	38	63.1	56.5	39	3	03/29	100	0
TV8626	.	60.3	67	50.8	50.6	38	9	04/03	100	40
TV8535	.	59.7	59	54.3	54.0	37	5	04/02	100	60
GA031238-10LEL33	.	59.3	52	57.8	58.6	37	8	03/26	100	0
GA031086-10E26	.	55.4	68	50.7	53.5	38	55	03/23	100	0
GA021773-9EE21	.	52.8	71	48.5	52.8	38	59	03/23	100	20
GA-Gore	.	51.2	70	50.2	51.2	40	88	03/20	100	20
GA04434-11E44	.	.	1	<b>86.9</b>	56.1	38	44	03/22	100	0
GA041293-11LE37	.	.	2	<b>82.0</b>	58.0	41	10	03/21	100	0
GA041293-11E54	.	.	4	<b>77.6</b>	57.4	40	21	03/18	100	0
GA041323-11E63	.	.	5	74.7	56.4	38	10	03/22	100	0
Exp 32110	.	.	8 <sup>T</sup>	72.1	56.8	39	3	03/28	100	40
GA04417-11E21	.	.	8 <sup>T</sup>	72.1	55.8	38	39	03/23	100	0
VA06W-412	.	.	10	71.6	56.5	36	21	03/22	100	20

**Midville, Georgia:**  
**Wheat Grain Performance, 2011-2012 (Continued)**

Brand-Variety	Yield <sup>1</sup>		Rank	Yield <sup>1</sup> bu/acre	Test Wt lb/bu	2012 Data				
	3-Year Average	2-Year Average				Ht in	Lodg. %	Head Date mo/day	Winter Survival %	Mildew %
	---- bu/acre ----									
GA04244-11E1	.	.	11	71.4	58.4	40	0	03/23	100	0
LA02024E12	.	.	14	70.3	58.1	38	0	03/17	100	0
GA04151-11E26	.	.	15 <sup>T</sup>	70.2	56.6	40	60	03/23	100	0
Pioneer Pioneer XW10T	.	.	16	68.9	55.5	37	0	04/02	100	40
GA04500-11LE11	.	.	19 <sup>T</sup>	67.9	52.7	38	48	03/19	100	60
GA041052-11E51	.	.	20	67.4	55.7	38	85	03/16	100	0
VA08W-176	.	.	23	66.9	58.8	41	0	03/26	100	0
VA05W-151	.	.	24 <sup>T</sup>	66.4	58.2	37	26	03/23	100	20
SS 8340	.	.	24 <sup>T</sup>	66.4	57.6	37	0	03/30	100	40
LA02015E58	.	.	25	66.2	58.2	41	46	03/17	100	0
Exp 32111	.	.	26 <sup>T</sup>	66.1	56.4	37	1	03/29	100	40
SS 8500	.	.	26 <sup>T</sup>	66.1	56.3	41	13	03/28	100	0
Coker 9553	.	.	27	65.7	57.7	38	3	03/23	100	60
PGX 11-8	.	.	30	65.2	56.1	39	0	03/28	100	0
NC08-23323	.	.	32	65.0	57.2	42	18	03/26	100	0
GA04444-11LE25	.	.	34	64.1	58.9	38	15	03/23	100	0
LA04110D-7	.	.	36 <sup>T</sup>	63.6	58.7	40	73	03/18	100	0
GA03136-10EEL9	.	.	36 <sup>T</sup>	63.6	53.6	38	45	03/16	100	20
LA02015E201	.	.	37	63.2	56.9	41	59	03/16	100	20
NC08-23089	.	.	39	62.6	56.6	38	49	03/17	100	40
GA041296-11LE39	.	.	40	62.2	56.1	40	63	03/22	100	0
VA07W-415	.	.	41	61.7	54.5	39	0	03/23	100	0
GA04494-11E49	.	.	42	61.2	53.9	37	68	03/18	100	0
Progeny 870	.	.	43	61.1	54.5	37	0	04/01	100	60
GA031421-11E57	.	.	44	60.4	54.1	41	23	03/22	100	0
Progeny 125	.	.	45	59.7	55.2	39	24	03/22	100	40
USG 3562	.	.	46	59.3	57.9	39	0	04/02	100	40
VA08W-294	.	.	48	59.0	56.6	39	0	03/20	100	0
NC08-21273	.	.	49	58.6	57.7	38	0	03/30	100	0
NC-Cape Fear	.	.	53	57.7	58.3	39	5	03/29	100	0
SS 5205	.	.	54	57.4	56.2	36	35	03/28	100	0
GA04510-11LE24	.	.	57	56.5	53.2	40	10	03/28	100	40
PGX 11-14	.	.	62 <sup>T</sup>	52.4	54.9	42	20	03/29	100	70
Exp 32113	.	.	62 <sup>T</sup>	52.4	55.1	40	10	03/30	100	40
Pioneer 26R20	.	.	64	51.5	55.6	40	1	04/04	100	40
Progeny 357	.	.	65	51.1	51.8	34	1	04/03	100	60
USG 3244	.	.	66	50.9	54.4	42	10	04/02	100	40
NC-Yadkin	.	.	74	45.7	52.9	38	0	04/04	100	0
Exp 32112	.	.	75	45.0	52.8	39	21	04/05	100	40
Average	45.8	60.5		62.3 <sup>2</sup>	55.8	39	28	03/23	100	17
LSD at 10% Level	4.8	6.3		10.1	1.6	2	28	01	-	-
Std. Err. of Entry Mean	2.0	2.7		4.4	0.7	1	12	01	-	-



## Midville, Georgia: Wheat Grain Performance, 2011-2012 (Continued)

---

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.

2. C.V. = 13.9%, and df for EMS = 249.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD ( $P = 0.10$ ).

Planted: November 18, 2011.

Harvested: May 22, 2012.

Seeding Rate: 22 seeds per foot in 7" rows.

Soil Type: Dothan loamy sand.

Soil Test: P = Very High, K = High, and pH = 6.0.

Fertilization: Preplant: 30 lb N, 46 lb  $P_2O_5$ , and 120 lb  $K_2O$ /acre.

Topdress: 80 lb N/acre.

Management: Disked, subsoiled and rototilled; Harmony Extra used for weed control.

Previous Crop: Peanuts.

Test conducted by A. Coy, R. Brooke, D. Dunn, K. Cobb and R. Milton.

## Midville, Georgia: Late-Planted Wheat Grain Performance, 2011-2012

Brand-Variety	Yield <sup>1</sup>		2012 Data							
	3-Year Average	2-Year Average	Rank	Yield <sup>1</sup>	Test Wt	Ht	Lodg.	Head Date	Winter Survival	Mildew
	---- bu/acre	---- bu/acre		bu/acre	lb/bu	in	%	mo/day	%	%
AGS 2060	<b>36.9</b>	<b>47.9</b>	5	54.9	57.6	30	21	03/27	100	40
Fleming	<b>35.1</b>	<b>43.5</b>	9	52.7	54.5	34	39	03/18	100	60
Jamestown	<b>33.2</b>	<b>43.4</b>	8	53.3	56.4	30	38	03/27	100	0
Coker 9700	<b>32.4</b>	<b>43.6</b>	4	57.6	57.1	24	36	03/28	100	40
USG 3555	<b>32.3</b>	<b>43.3</b>	6	54.6	52.4	32	0	03/30	100	20
Arcadia	<b>30.1</b>	<b>37.0</b>	15	42.0	53.4	34	15	03/28	100	80
SS520	<b>29.7</b>	<b>37.7</b>	12	50.7	55.0	28	11	03/27	100	20
Progeny 117	<b>27.8</b>	<b>37.2</b>	14	46.0	54.0	28	24	03/26	100	60
GA03580-10EEL15	.	<b>47.9</b>	3	61.0	57.6	26	8	03/27	100	0
GA03136-10EEL9	.	<b>44.6</b>	2	62.3	53.5	32	5	03/25	100	60
USG 3409	.	<b>36.6</b>	13	49.3	54.4	32	0	04/03	100	40
GA041418-11EE16	.	.	1	<b>75.0</b>	54.5	32	26	03/27	100	0
Coker 9553	.	.	7	53.7	56.4	32	23	03/28	100	60
GA021773-9EE21	.	.	10	51.1	52.4	26	25	03/28	100	0
Progeny 125	.	.	11	51.0	54.8	28	0	03/27	100	70
USG 3562	.	.	16	15.0	52.3	32	0	.	100	70
Average	32.2	42.1		51.9 <sup>2</sup>	54.8	30	17	03/27	100	39
LSD at 10% Level	N.S. <sup>3</sup>	N.S.		6.1	1.3	-	22	-	-	-
Std. Err. of Entry Mean	1.4	2.1		2.6	0.6	-	9	-	-	-

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.

2. C.V. = 9.4%, and df for EMS = 45.

3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: December 14, 2011.

Harvested: May 23, 2012.

Seeding Rate: 22 seeds per foot in 7" rows.

Soil Type: Dothan loamy sand.

Soil Test: P = Very High, K = High, and pH = 6.0.

Fertilization: Preplant: 30 lb N, 46 lb P<sub>2</sub>O<sub>5</sub>, and 120 lb K<sub>2</sub>O/acre.

Topdress: 80 lb N/acre.

Management: Disked, subsoiled and rototilled; Harmony Extra used for weed control.

Previous Crop: Peanuts.

Test conducted by A. Coy, R. Brooke, D. Dunn, K. Cobb and R. Milton.

## Griffin, Georgia: Wheat Grain Performance, 2011-2012

Brand-Variety	Yield <sup>1</sup>		2012 Data							
	3-Year Average	2-Year Average	Rank	Yield <sup>1</sup> bu/acre	Test Wt lb/bu	Ht in	Lodg. %	Head Date mo/day	Winter Survival %	Stripe Rust %
	----	bu/acre								
AGS 2026	<b>95.6</b>	<b>103.4</b>	2	<b>108.2</b>	56.6	34	0	03/19	100	0
Jamestown	<b>95.3</b>	<b>105.0</b>	8	<b>104.1</b>	57.5	32	0	03/16	100	0
TV8861	<b>95.2</b>	97.5	41	89.4	54.0	36	0	04/02	100	0
Oglethorpe	<b>93.8</b>	<b>108.2</b>	6	<b>104.9</b>	55.0	35	0	03/19	100	0
AGS 2038	<b>91.6</b>	<b>102.5</b>	22	99.3	56.5	39	0	03/24	100	0
AGS 2035	<b>91.3</b>	<b>104.0</b>	13	<b>103.0</b>	56.5	37	0	03/16	100	1
USG 3555	<b>90.3</b>	100.6	21	100.2	54.8	35	0	03/24	100	0
LA821	<b>89.9</b>	97.3	36	91.4	56.0	37	0	03/16	100	0
Dyna-Gro Baldwin	88.4	96.2	27	96.5	56.4	40	0	03/27	100	0
Pioneer 26R61	88.1	97.5	32 <sup>T</sup>	93.7	57.0	37	0	03/21	100	0
USG 3438	86.9	96.2	51 <sup>T</sup>	85.4	52.5	35	0	04/01	100	0
USG 3251	85.6	91.1	54 <sup>T</sup>	83.8	52.3	37	0	04/04	100	0
SS8641	85.5	95.9	19	<b>101.0</b>	56.7	37	0	03/22	100	0
Progeny 117	82.8	88.8	48	87.8	54.3	37	0	03/20	100	5
GA021245-9E16	81.0	84.4	59	78.4	56.8	33	0	03/16	100	0
AGS 2060	80.3	93.4	55 <sup>T</sup>	83.7	57.5	33	0	03/17	100	0
LA01110D-150	79.7	92.6	52	84.8	54.4	35	0	03/20	100	5
SS8308	76.0	81.8	62 <sup>T</sup>	72.7	53.8	37	0	03/29	100	40
Progeny 185	71.1	76.1	64	71.3	52.7	36	0	03/28	100	40
LA841	69.9	80.4	62 <sup>T</sup>	72.7	53.0	34	0	03/20	100	0
SS8404	62.4	61.4	71	55.0	51.9	32	0	03/26	100	70
SS520	52.8	55.0	74	42.2	45.3	36	0	03/22	100	80
GA021773-9EE21	.	<b>103.7</b>	11	<b>103.3</b>	57.3	35	0	03/20	100	0
GA031134-10E29	.	<b>103.5</b>	18	<b>101.5</b>	55.5	33	0	03/24	100	0
GA031086-10E26	.	<b>101.9</b>	25	97.7	55.1	33	0	03/22	100	0
GA031257-10LEL34	.	<b>101.8</b>	10	<b>103.6</b>	57.2	34	0	03/25	100	0
GA031257-10E41	.	<b>101.7</b>	12	<b>103.1</b>	57.6	35	0	03/21	100	0
GA04570-10E46	.	97.9	24	97.9	59.0	38	0	03/17	100	0
USG 3409	.	96.7	37	90.7	54.4	36	0	03/28	100	10
GA031238-10LEL33	.	95.7	17	<b>101.8</b>	57.0	35	0	03/24	100	0
TV8848	.	95.7	54 <sup>T</sup>	83.8	53.8	37	0	04/03	100	0
Dyna-Gro 9171	.	95.6	46	88.1	52.1	36	0	04/01	100	0
Pioneer Pioneer 26R10	.	93.8	47	87.9	54.1	34	0	04/03	100	0
GA021338-9EE11	.	90.7	44	88.4	55.3	37	0	03/14	100	0
TV8525	.	89.3	43	89.1	55.1	36	0	03/29	100	5
Dyna-Gro 9053	.	86.9	60	77.6	51.9	35	0	04/05	100	5
TV8535	.	85.6	56	83.0	52.9	35	0	04/01	100	0
TV8626	.	82.7	67	69.8	50.7	34	0	04/05	100	0
GA-Gore	.	78.9	61	74.3	52.2	36	0	03/21	100	50
Roberts	.	78.7	63	72.3	51.1	34	0	03/24	100	80
GA041052-11E51	.	.	1	<b>110.7</b>	56.6	34	0	03/17	100	0
VA07W-415	.	.	3	<b>107.1</b>	55.6	37	0	03/25	100	0
LA04110D-7	.	.	4	<b>105.7</b>	57.7	37	0	03/17	100	0
GA04417-11E21	.	.	5	<b>105.6</b>	53.3	33	0	03/24	100	0
GA031421-11E57	.	.	7	<b>104.4</b>	57.6	36	0	03/19	100	0

**Griffin, Georgia:**  
**Wheat Grain Performance, 2011-2012 (Continued)**

Brand-Variety	Yield <sup>1</sup>		Rank	Yield <sup>1</sup> bu/acre	2012 Data					
	3-Year Average	2-Year Average			Test Wt	Ht	Lodg.	Head Date	Winter Survival	Stripe Rust
	---- bu/acre ----	---- bu/acre ----			lb/bu	in	%	mo/day	%	%
GA041293-11E54	.	.	9	<b>103.9</b>	56.8	35	0	03/19	100	0
Progeny 125	.	.	14	<b>102.7</b>	55.3	35	0	03/17	100	0
GA04494-11E49	.	.	15	<b>102.2</b>	56.7	35	0	03/17	100	0
GA04500-11LE11	.	.	16	<b>101.9</b>	56.1	36	0	03/23	100	0
GA041296-11LE39	.	.	20	<b>100.8</b>	57.4	34	0	03/21	100	0
NC08-23323	.	.	23	98.1	56.1	36	0	03/24	100	0
GA04244-11E1	.	.	26	97.2	57.3	35	0	03/26	100	0
GA04444-11LE25	.	.	28	94.9	57.8	34	0	03/20	100	0
GA04434-11E44	.	.	29	94.5	55.5	33	0	03/20	100	0
SS 8500	.	.	30 <sup>T</sup>	94.1	57.2	40	0	03/31	100	0
VA05W-151	.	.	30 <sup>T</sup>	94.1	57.1	36	0	03/21	100	10
GA041323-11E63	.	.	31 <sup>T</sup>	93.8	55.0	34	0	03/20	100	0
GA041293-11LE37	.	.	31 <sup>T</sup>	93.8	57.3	35	0	03/20	100	0
GA03136-10EEL9	.	.	32 <sup>T</sup>	93.7	52.6	31	0	03/16	100	0
GA04151-11E26	.	.	33	92.6	57.2	35	0	03/24	100	0
GA04510-11LE24	.	.	34	92.1	56.8	38	0	03/29	100	0
Exp 32113	.	.	35 <sup>T</sup>	92.0	54.7	38	0	04/01	100	0
VA08W-176	.	.	35 <sup>T</sup>	92.0	57.5	36	0	03/29	100	0
LA02015E58	.	.	38	90.0	55.9	32	0	03/16	100	5
Pioneer 26R20	.	.	39	89.8	54.4	39	0	04/03	100	5
Pioneer Pioneer XW10T	.	.	40	89.5	54.3	34	0	04/01	100	0
PGX 11-14	.	.	42	89.2	54.9	38	0	04/02	100	0
LA02015E201	.	.	45 <sup>T</sup>	88.2	56.2	33	0	03/16	100	0
SS 5205	.	.	45 <sup>T</sup>	88.2	55.2	31	0	03/29	100	1
PGX 11-8	.	.	49	86.2	54.5	35	0	03/29	100	1
NC08-23089	.	.	50	85.8	54.9	35	0	03/16	100	30
Exp 32110	.	.	51 <sup>T</sup>	85.4	54.8	35	0	03/31	100	10
LA02024E12	.	.	53	84.3	55.5	33	0	03/18	100	0
VA06W-412	.	.	55 <sup>T</sup>	83.7	55.6	32	0	03/24	100	0
SS 8340	.	.	57 <sup>T</sup>	82.2	56.5	34	0	04/01	100	0
USG 3562	.	.	57 <sup>T</sup>	82.2	53.5	34	0	04/01	100	0
Progeny 870	.	.	58	81.1	51.2	34	0	04/02	100	0
VA08W-294	.	.	65	70.9	55.4	35	0	03/23	100	0
Exp 32112	.	.	66	70.5	53.5	36	0	04/05	100	10
Progeny 357	.	.	68	65.2	51.0	36	0	04/05	100	1
Exp 32111	.	.	69	64.0	50.0	33	0	03/31	100	40
NC-Yadkin	.	.	70	60.3	53.3	33	0	03/31	100	60
USG 3244	.	.	72	51.1	50.2	39	0	03/30	100	80
NC-Cape Fear	.	.	73	48.1	51.0	34	0	03/22	100	80
NC08-21273	.	.	75	36.9	52.7	33	0	03/31	100	90
Average	83.3	92.2		87.8 <sup>2</sup>	54.9	35	0	03/25	100	10
LSD at 10% Level	6.2	7.3		10.2	2.1	2	-	02	-	-
Std. Err. of Entry Mean	2.6	3.1		4.4	0.9	1	-	01	-	-

## Griffin, Georgia: Wheat Grain Performance, 2011-2012 (Continued)

---

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 10.0%, and df for EMS = 252.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD ( $P = 0.10$ ).

Planted: October 31, 2011.

Harvested: May 21, 2012.

Seeding Rate: 22 seeds per foot in 7" rows.

Soil Type: Cecil sandy loam.

Soil Test: P = Medium, K = High, and pH = 5.4.

Fertilization: Preplant: 20 lb N, 40 lb  $P_2O_5$ , and 60 lb  $K_2O$ /acre.  
Topdress: 70 lb N/acre.

Management: Chisel plowed, disked and rototilled; Harmony Extra, Powerflex and Osprey used for weed control; Headline used for rust control; Karate used for insect control; applied 1500 lb lime/acre.

Previous Crop: Fallow.

Test conducted by J. Gassett and G. Ware.

## Calhoun, Georgia: Wheat Grain Performance, 2011-2012

Brand-Variety	Yield <sup>1</sup>		2012 Data						
	3-Year Average	2-Year Average	Rank	Yield <sup>1</sup> bu/acre	Test	Ht in	Lodg. %	Head Date mo/day	Winter Survival %
	---- bu/acre ----				Wt lb/bu				
TV8861	<b>101.9</b>	<b>94.8</b>	18	<b>89.5</b>	52.9	36	0	04/08	100
USG 3555	<b>97.4</b>	<b>93.3</b>	31	85.4	54.8	34	3	03/31	100
LA01110D-150	<b>97.2</b>	<b>89.4</b>	4	<b>94.9</b>	52.1	39	13	03/28	100
SS520	<b>96.0</b>	<b>88.5</b>	3	<b>96.1</b>	53.7	39	35	03/28	100
USG 3251	<b>95.9</b>	<b>87.7</b>	49 <sup>T</sup>	81.1	54.1	38	3	04/07	100
Dyna-Gro Baldwin	<b>94.1</b>	<b>93.8</b>	12	<b>92.1</b>	55.7	42	3	04/01	100
SS8404	<b>93.6</b>	<b>94.5</b>	25	86.8	56.7	35	0	04/01	100
SS8641	<b>92.4</b>	<b>88.9</b>	8	<b>93.3</b>	54.6	37	20	03/31	100
Jamestown	<b>91.9</b>	<b>89.8</b>	27	86.2	55.7	35	3	03/26	100
AGS 2035	<b>91.6</b>	<b>87.0</b>	22 <sup>T</sup>	<b>88.6</b>	55.0	39	0	03/26	100
AGS 2038	<b>91.2</b>	<b>88.3</b>	28 <sup>T</sup>	86.1	54.9	41	8	03/31	100
AGS 2026	<b>90.4</b>	<b>88.6</b>	28 <sup>T</sup>	86.1	52.2	37	18	03/26	100
SS8308	<b>90.1</b>	<b>88.5</b>	61	77.1	56.3	37	3	04/03	100
Progeny 117	<b>89.4</b>	<b>88.5</b>	58	77.8	51.8	39	3	03/28	100
USG 3438	<b>89.1</b>	<b>84.4</b>	60	77.2	52.3	35	0	04/06	100
GA021245-9E16	<b>88.5</b>	<b>82.6</b>	44	82.4	55.0	36	5	03/29	100
LA821	<b>87.9</b>	<b>79.9</b>	73	69.4	50.9	38	10	03/24	100
Oglethorpe	<b>87.1</b>	<b>79.2</b>	59	77.4	50.0	38	23	03/26	100
LA841	<b>86.4</b>	<b>85.2</b>	33	84.9	51.3	37	0	03/27	100
AGS 2060	<b>86.0</b>	<b>84.4</b>	42	82.7	54.0	43	5	03/23	100
Progeny 185	<b>82.9</b>	<b>81.0</b>	39	83.0	53.1	40	0	04/05	100
Pioneer 26R61	<b>81.8</b>	<b>78.9</b>	40	82.9	54.2	41	3	03/28	100
Dyna-Gro 9171	.	<b>106.9</b>	1	<b>100.9</b>	52.4	35	0	04/05	100
Pioneer Pioneer 26R10	.	<b>94.2</b>	48	81.2	53.8	37	0	04/06	100
Dyna-Gro 9053	.	<b>94.2</b>	69	72.1	51.8	37	0	04/10	100
GA031086-10E26	.	<b>93.4</b>	10	<b>92.6</b>	51.5	37	15	03/27	100
GA031257-10LEL34	.	<b>92.2</b>	32 <sup>T</sup>	85.0	55.2	35	10	03/28	100
GA031257-10E41	.	<b>92.1</b>	11	<b>92.2</b>	54.3	38	15	03/30	100
GA031238-10LEL33	.	<b>91.8</b>	19	<b>89.4</b>	56.2	37	10	04/01	100
GA031134-10E29	.	<b>91.1</b>	13	<b>91.8</b>	53.3	35	20	04/03	100
USG 3409	.	<b>89.9</b>	24	87.7	54.7	38	15	04/01	100
GA04570-10E46	.	<b>88.9</b>	14	<b>91.0</b>	55.7	39	0	03/24	100
TV8535	.	<b>88.9</b>	29	85.7	53.7	35	0	04/07	100
TV8525	.	<b>87.8</b>	34 <sup>T</sup>	84.6	55.3	37	3	04/04	100
TV8626	.	<b>86.8</b>	67	73.1	50.7	35	0	04/10	100
GA021338-9EE11	.	<b>81.3</b>	70	71.6	55.6	39	0	03/28	100
Roberts	.	<b>79.0</b>	37	83.2	52.3	38	30	04/01	100
TV8848	.	<b>79.0</b>	74	66.5	52.8	38	8	04/08	100
GA021773-9EE21	.	<b>77.0</b>	53	80.2	52.6	39	3	03/27	100
GA-Gore	.	<b>70.9</b>	68	72.7	51.5	39	25	03/27	100
GA04434-11E44	.	.	2	<b>99.6</b>	53.9	36	5	03/29	100
GA041323-11E63	.	.	5	<b>94.6</b>	52.0	37	5	03/28	100
GA031421-11E57	.	.	6	<b>94.1</b>	53.0	35	10	03/27	100
Progeny 125	.	.	7 <sup>T</sup>	<b>93.6</b>	54.5	36	5	03/26	100
VA06W-412	.	.	7 <sup>T</sup>	<b>93.6</b>	54.9	36	5	03/29	100

## Calhoun, Georgia: Wheat Grain Performance, 2011-2012 (Continued)

Brand-Variety	Yield <sup>1</sup>		Rank	Yield <sup>1</sup> bu/acre	2012 Data			Head Date mo/day	Winter Survival %
	3-Year Average	2-Year Average			Test Wt	Ht	Lodg.		
	----- bu/acre	----- bu/acre			lb/bu	in	%		
Exp 32110	.	.	9	<b>93.0</b>	54.9	37	0	04/05	100
NC08-23323	.	.	15	<b>90.4</b>	55.5	39	13	04/01	100
GA041293-11E54	.	.	16	<b>89.8</b>	53.4	37	0	03/28	100
GA04494-11E49	.	.	17 <sup>T</sup>	<b>89.6</b>	53.9	36	0	03/27	100
NC-Cape Fear	.	.	17 <sup>T</sup>	<b>89.6</b>	55.3	39	10	03/31	100
GA04500-11LE11	.	.	20	<b>89.2</b>	53.2	37	5	04/01	100
SS 5205	.	.	21	<b>89.0</b>	54.3	36	5	03/31	100
VA05W-151	.	.	22 <sup>T</sup>	<b>88.6</b>	55.4	38	18	03/30	100
PGX 11-8	.	.	22 <sup>T</sup>	<b>88.6</b>	56.0	37	3	04/07	100
GA04510-11LE24	.	.	23	<b>88.5</b>	53.4	38	8	04/01	100
GA04151-11E26	.	.	26	86.4	55.8	39	23	03/29	100
SS 8500	.	.	30	85.6	55.8	41	5	04/07	100
GA03136-10EEL9	.	.	32 <sup>T</sup>	85.0	50.9	35	0	03/26	100
GA041293-11LE37	.	.	34 <sup>T</sup>	84.6	54.5	39	3	03/27	100
USG 3244	.	.	35	83.6	55.2	42	0	04/01	100
PGX 11-14	.	.	36	83.3	51.3	40	5	04/10	100
VA08W-294	.	.	38	83.1	54.8	36	0	04/03	100
GA04444-11LE25	.	.	41	82.8	52.5	35	3	03/26	100
Pioneer 26R20	.	.	43	82.6	55.2	38	5	04/08	100
Pioneer Pioneer XW10T	.	.	45	81.8	53.7	36	0	04/07	100
SS 8340	.	.	46 <sup>T</sup>	81.7	56.8	34	0	04/08	100
NC08-23089	.	.	46 <sup>T</sup>	81.7	53.4	37	0	03/24	100
VA08W-176	.	.	46 <sup>T</sup>	81.7	55.6	37	3	04/04	100
Exp 32111	.	.	47	81.6	52.1	35	8	04/07	100
LA02015E58	.	.	49 <sup>T</sup>	81.1	52.6	37	0	03/27	100
GA04244-11E1	.	.	50	80.7	54.9	37	0	04/04	100
VA07W-415	.	.	51	80.5	53.6	38	3	04/04	100
NC-Yadkin	.	.	52	80.3	55.0	37	8	04/05	100
GA04417-11E21	.	.	57	79.4	53.4	35	0	03/28	100
Exp 32113	.	.	55	78.8	51.9	41	10	04/07	100
GA041296-11LE39	.	.	56	78.6	52.9	36	3	03/26	100
LA02024E12	.	.	57	78.0	53.2	35	0	03/27	100
Progeny 870	.	.	62	76.1	53.5	35	0	04/05	100
Progeny 357	.	.	63	75.3	51.6	35	0	04/07	100
NC08-21273	.	.	64	74.9	56.2	36	0	04/03	100
LA04110D-7	.	.	65	74.8	53.7	40	8	03/27	100
Exp 32112	.	.	66	74.0	53.5	37	0	04/10	100
LA02015E201	.	.	71	71.2	53.2	37	0	03/27	100
USG 3562	.	.	72 <sup>T</sup>	70.8	52.9	36	0	04/06	100
GA041052-11E51	.	.	72 <sup>T</sup>	70.8	50.3	33	5	03/25	100
Average	91.0	87.6		83.8 <sup>2</sup>	53.7	37	6	03/31	100
LSD at 10% Level	N.S. <sup>3</sup>	N.S.		12.4	2.1	2	11	04	-
Std. Err. of Entry Mean	3.8	4.6		5.3	0.8	1	5	02	-

## Calhoun, Georgia: Wheat Grain Performance, 2011-2012 (Continued)

---

1. Yields calculated as 60 pounds per bushel at 13.5% moisture.
2. C.V. = 12.7%, and df for EMS = 252.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, a LSD value was not calculated.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 27, 2012.

Harvested: May 24, 2012.

Seeding Rate: 22 seeds per foot in 7" rows.

Soil Type: Rome gravelly clay loam.

Soil Test: P = High, K = High, and pH = 6.0.

Fertilization: Preplant: 25 lb N, 50 lb P<sub>2</sub>O<sub>5</sub>, and 75 lb K<sub>2</sub>O/acre.

Topdress: 70 lb N/acre.

Management: Chisel plowed, disked and rototilled; Osprey used for weed control.

Previous Crop: Fallow.

Test conducted by J. Gassett, G. Ware and J. Stubbs.



## Summary of Wheat Yields: Georgia, 2011-2012 with Two- and Three-Year Averages

Brand-Variety	Yield <sup>1</sup>								
	South <sup>2</sup>			North <sup>3</sup>			Statewide <sup>4</sup>		
	3-Year Average <sup>5</sup>	2-Year Average <sup>6</sup>	2012	3-Year Average	2-Year Average	2012	3-Year Average	2-Year Average	2012
----- bu/acre -----									
AGS 2026	<b>73.0</b>	72.5	65.1	<b>93.0</b>	<b>96.0</b>	<b>97.1</b>	<b>81.6</b>	<b>81.9</b>	77.9
AGS 2035	<b>75.4</b>	<b>78.2</b>	74.6	91.5	<b>95.5</b>	<b>95.8</b>	<b>82.3</b>	<b>85.1</b>	83.1
AGS 2038	<b>72.4</b>	74.6	73.2	91.4	<b>95.4</b>	<b>92.7</b>	<b>80.6</b>	<b>82.9</b>	81.0
AGS 2060	65.0	68.0	69.0	83.1	88.9	83.2	72.8	76.4	74.7
Arcadia	70.7	71.5	69.8	.	.	.	.	.	.
Coker 9553	.	.	65.1	.	.	.	.	.	.
Coker 9700	71.8	71.0	66.7	.	.	.	.	.	.
Dyna-Gro 9053	.	.	.	.	90.5	74.8	.	.	.
Dyna-Gro 9171	.	.	.	.	<b>101.3</b>	<b>94.5</b>	.	.	.
Dyna-Gro Baldwin	69.4	70.8	67.0	91.2	<b>95.0</b>	<b>94.3</b>	78.7	80.5	77.9
Exp 32110	.	.	68.2	.	.	89.2	.	.	76.6
Exp 32111	.	.	48.3	.	.	72.8	.	.	58.1
Exp 32112	.	.	43.8	.	.	72.2	.	.	55.2
Exp 32113	.	.	47.2	.	.	85.4	.	.	62.5
Fleming	61.4	63.2	56.2	.	.	.	.	.	.
GA-Gore	.	62.2	58.4	.	74.9	73.5	.	67.3	64.4
GA021245-9E16	69.2	70.9	69.4	84.8	83.5	80.4	75.9	75.9	73.8
GA021338-9EE11	.	74.3	74.2	.	86.0	80.0	.	79.0	76.5
GA021773-9EE21	.	65.9	60.2	.	90.3	<b>91.8</b>	.	75.7	72.8
GA031086-10E26	.	70.7	65.1	.	<b>97.6</b>	<b>95.2</b>	.	81.4	77.1
GA031134-10E29	.	<b>75.5</b>	73.2	.	<b>97.3</b>	<b>96.7</b>	.	<b>84.2</b>	82.6
GA031238-10LEL33	.	70.0	63.7	.	93.7	<b>95.6</b>	.	79.5	76.4
GA031257-10E41	.	<b>77.6</b>	73.6	.	<b>96.9</b>	<b>97.6</b>	.	<b>85.3</b>	83.2
GA031257-10LEL34	.	71.5	63.5	.	<b>97.0</b>	<b>94.3</b>	.	<b>81.7</b>	75.8
GA03136-10EEL9	.	.	73.5	.	.	89.4	.	.	79.8
GA031421-11E57	.	.	64.6	.	.	<b>99.2</b>	.	.	78.4
GA041052-11E51	.	.	75.5	.	.	<b>90.7</b>	.	.	81.6
GA041293-11E54	.	.	<b>81.0</b>	.	.	<b>96.8</b>	.	.	<b>87.3</b>
GA041293-11LE37	.	.	77.3	.	.	89.2	.	.	82.0
GA041296-11LE39	.	.	65.6	.	.	<b>89.7</b>	.	.	75.2
GA041323-11E63	.	.	77.3	.	.	<b>94.2</b>	.	.	84.1
GA04151-11E26	.	.	75.5	.	.	89.5	.	.	81.1
GA04244-11E1	.	.	65.4	.	.	89.0	.	.	74.8
GA04417-11E21	.	.	69.5	.	.	<b>92.5</b>	.	.	78.7
GA04434-11E44	.	.	<b>86.0</b>	.	.	<b>97.1</b>	.	.	<b>90.4</b>
GA04444-11LE25	.	.	72.7	.	.	88.9	.	.	79.2
GA04494-11E49	.	.	69.7	.	.	<b>95.9</b>	.	.	80.2
GA04500-11LE11	.	.	67.3	.	.	<b>95.5</b>	.	.	78.6
GA04510-11LE24	.	.	65.0	.	.	<b>90.3</b>	.	.	75.1
GA04570-10E46	.	<b>79.1</b>	78.5	.	93.4	<b>94.5</b>	.	<b>84.8</b>	<b>84.9</b>

**Summary of Wheat Yields:  
Georgia, 2011-2012 with Two- and Three-Year Averages  
(Continued)**

Brand-Variety	Yield <sup>1</sup>								
	South <sup>2</sup>			North <sup>3</sup>			Statewide <sup>4</sup>		
	3-Year Average <sup>5</sup>	2-Year Average <sup>6</sup>	2012	3-Year Average	2-Year Average	2012	3-Year Average	2-Year Average	2012
----- bu/acre -----									
Jamestown	72.0	74.3	72.0	<b>93.6</b>	<b>97.4</b>	<b>95.2</b>	<b>81.2</b>	<b>83.5</b>	81.3
LA01110D-150	70.4	72.5	68.4	88.4	91.0	<b>89.8</b>	78.1	79.9	77.0
LA02015E201	.	.	69.3	.	.	79.7	.	.	73.5
LA02015E58	.	.	72.0	.	.	85.5	.	.	77.4
LA02024E12	.	.	70.3	.	.	81.2	.	.	74.7
LA04110D-7	.	.	70.3	.	.	<b>90.2</b>	.	.	78.3
LA821	68.7	68.4	59.5	88.9	88.6	80.4	77.3	76.5	67.9
LA841	61.5	65.1	63.7	78.2	82.8	78.8	68.6	72.1	69.8
NC-Cape Fear	.	.	47.0	.	.	68.9	.	.	55.7
NC-Yadkin	.	.	33.0	.	.	70.3	.	.	47.9
NC08-21273	.	.	45.1	.	.	55.9	.	.	49.4
NC08-23089	.	.	64.3	.	.	83.8	.	.	72.1
NC08-23323	.	.	67.8	.	.	<b>94.3</b>	.	.	78.4
Oglethorpe	70.2	70.6	65.9	90.5	93.7	<b>91.1</b>	<b>78.9</b>	79.9	76.0
PGX 11-14	.	.	41.8	.	.	86.3	.	.	59.6
PGX 11-8	.	.	53.8	.	.	87.4	.	.	67.2
Pioneer 26R10	.	68.3	59.1	.	94.0	84.5	.	78.6	69.2
Pioneer 26R20	.	.	50.8	.	.	86.2	.	.	65.0
Pioneer 26R61	67.4	69.3	65.1	84.9	88.2	88.3	74.9	76.9	74.4
Pioneer XW10T	.	.	63.9	.	.	85.6	.	.	72.6
Progeny 117	65.5	66.0	58.3	86.1	88.6	82.8	74.3	75.0	68.1
Progeny 125	.	.	63.4	.	.	<b>98.1</b>	.	.	77.3
Progeny 185	65.7	66.6	59.2	77.0	78.6	77.2	70.6	71.4	66.4
Progeny 357	.	.	34.8	.	.	70.2	.	.	49.0
Progeny 870	.	.	44.7	.	.	78.6	.	.	58.3
Roberts	.	.	.	.	78.8	77.7	.	.	.
SS 5205	.	.	56.9	.	.	88.6	.	.	69.6
SS 8340	.	.	59.3	.	.	82.0	.	.	68.3
SS 8500	.	.	62.5	.	.	<b>89.8</b>	.	.	73.4
SS520	62.5	60.1	50.1	74.4	71.8	69.1	67.6	64.8	57.7
SS8308	68.7	69.7	58.3	83.1	85.1	74.9	74.9	75.8	64.9
SS8404	64.4	66.3	56.6	78.0	78.0	70.9	70.2	70.9	62.3
SS8641	<b>72.6</b>	74.1	71.7	88.9	92.4	<b>97.2</b>	<b>79.6</b>	81.4	81.9
TV8525	.	65.3	53.9	.	88.5	86.8	.	74.6	67.1
TV8535	.	60.3	43.7	.	87.3	84.4	.	71.1	59.9
TV8626	.	57.1	37.9	.	84.7	71.4	.	68.2	51.3
TV8848	.	.	.	.	87.3	75.1	.	.	.
TV8861	.	.	.	<b>98.6</b>	<b>96.1</b>	89.4	.	.	.
USG 3244	.	.	42.8	.	.	67.4	.	.	52.6
USG 3251	59.6	58.3	41.2	90.7	89.4	82.4	72.9	70.7	57.7

**Summary of Wheat Yields:  
Georgia, 2011-2012 with Two- and Three-Year Averages  
(Continued)**

Brand-Variety	Yield <sup>1</sup>								
	South <sup>2</sup>			North <sup>3</sup>			Statewide <sup>4</sup>		
	3-Year Average <sup>5</sup>	2-Year Average <sup>6</sup>	2012	3-Year Average	2-Year Average	2012	3-Year Average	2-Year Average	2012
	----- bu/acre -----								
USG 3409	.	72.3	65.0	.	93.3	89.2	.	80.7	74.6
USG 3438	60.3	58.6	43.5	88.0	90.3	81.3	72.2	71.3	58.6
USG 3555	70.6	72.5	66.4	<b>93.9</b>	<b>96.9</b>	<b>92.8</b>	<b>80.5</b>	<b>82.3</b>	77.0
USG 3562	.	.	52.2	.	.	76.5	.	.	61.9
VA05W-151	.	.	68.7	.	.	<b>91.4</b>	.	.	77.7
VA06W-412	.	.	69.9	.	.	88.6	.	.	77.4
VA07W-415	.	.	69.5	.	.	<b>93.8</b>	.	.	79.2
VA08W-176	.	.	62.0	.	.	86.8	.	.	71.9
VA08W-294	.	.	66.8	.	.	77.0	.	.	70.9
Average	67.9	69.0	62.4	87.2	89.9	85.8	75.9	77.3	71.8
LSD at 10% Level	3.3	4.0	7.1	6.5	6.9	9.5	3.4	3.7	5.8
Std. Err. of Entry Mean	1.4	4.9	3.7	2.8	4.0	4.1	1.5	1.6	4.5

1. Yields calculated at 60 pounds per bushel at 13.5% moisture.

2. Tifton, Plains, and Midville.

3. Griffin and Calhoun.

4. All sites except Midville 2010 included in average.

5. Midville 2010 not included in average.

6. All three sites 2011 and 2012 used for average.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

## Summary of Late-Planted Wheat Yields: Georgia, 2011-2012 with Two- and Three-Year Averages

Brand-Variety	Yield <sup>1</sup>		2012
	South <sup>2</sup>		
	3-Year Average	2-Year Average	
	----- bu/acre -----		
AGS 2060	<b>45.2</b>	54.1	52.5
Arcadia	41.4	49.4	42.3
Coker 9553	.	.	42.5
Coker 9700	<b>44.7</b>	55.7	48.4
Fleming	<b>43.0</b>	51.7	48.1
GA021773-9EE21	.	.	44.7
GA03136-10EEL9	.	<b>63.0</b>	59.9
GA03580-10EEL15	.	<b>63.1</b>	61.1
GA041418-11EE16	.	.	<b>67.0</b>
Jamestown	<b>45.6</b>	55.8	52.8
Progeny 117	39.7	48.9	40.5
Progeny 125	.	.	39.6
SS520	34.6	38.8	26.7
USG 3409	.	50.9	41.6
USG 3555	35.7	43.8	29.6
USG 3562	.	.	8.5
Average	41.2	52.3	44.1
LSD at 10% Level	2.6	3.5	5.3
Std. Err. Of Entry Mean	1.1	1.5	2.2

1. Yields calculated at 60 pounds per bushel at 13.5% moisture.

2. Tifton, Plains, and Midville.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).