

UNIFORM LARGE PLOT VARIETY TRIALS

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Introduction

In the past county agents would often establish variety trials in cooperation with seed companies or with specialists, however no effort was made to assure these trials were conducted in a uniform matter and data dissemination was limited.

The goal of this research was to establish a uniform variety trial conducted in multiple locations under varying production practices. These are to serve as a supplement to the Statewide Variety Testing Program.

Materials and Methods

In 2005 a series of 11 large plot variety trials were conducted across Georgia in cooperation with county agents. All of these trials contained the same core set of 10 varieties representing the most widely planted variety (DP 555 BGRR) and 9 newly released varieties. Agents were allowed to plant additional varieties if desired. All plots were at least 0.2 acres in size. DP451BR was utilized as a running check in 10 of the 11 trials. This variety was planted in every 4th or 5th plot in an effort to quantify variability within the field.

Plots were established under irrigated, dryland, conventional till and strip till conditions. At harvest samples from each plot were ginned at the UGA microgin and HVI quality data was obtained via the International Textile Center in Lubbock, TX.

Results and Discussion

A combined analysis of yield and quality are listed in Tables 1 through 4. Due to unforeseen production problems in certain locations only 9 varieties were able to be evaluated consistently in 8 locations.

Collectively these data indicate that there are several varieties that competed very well with DP 555 BGRR. These include DP 445 BGRR, DP 454 BGRR, and ST 5242BR. Availability of these varieties in 2006 may be limited, however.

Conclusions

These trials proved to be a success in 2005 and will continue in 2006. These trials allow agents and growers a “real world” look at not only the yield of newer varieties but also allow an examination of the growth habit of these varieties. In 2006 data collection will be expanded to a quantification of growth differences between varieties.

Table 1. Nine varieties evaluated at 10 locations

	lbs lint/A*	turnout %*	seed cotton/A**	Micronaire	Length	Uniformity	Strength
DP445BR	1255.3 a	0.3896 c	3312.1 a	4.26 ab	1.13 b	83.18 a	30.15 c
DP555BR	1206.0 a	0.4055 a	3069.5 b	4.35 a	1.10 c	81.15 e	29.53 d
DP454BR	1203.7 ab	0.3956 bc	3084.7 b	3.93 c	1.10 c	82.62 b	29.50 d
DP488BR	1133.0 bc	0.3766 d	2941.3 b	4.22 ab	1.15 a	82.19 c	30.79 b
DP455BR	1124.8 c	0.3982 b	3018.8 b	3.96 c	1.12 b	81.56 d	30.52 bc
FM960B2R	1119.9 c	0.3697 e	3065.8 b	4.31 a	1.14 a	82.22 c	32.39 a
DP543B2R	1116.1 c	0.3700 e	3067.2 b	4.30 a	1.13 b	81.61 d	30.65 b
FM960BR	1077.6 c	0.3687 e	3047.2 b	4.16 b	1.10 c	82.73 b	32.72 a
PHY470WR	1077.4 c	0.3667 e	2985.1 b	4.29 ab	1.11 c	83.26 a	29.12 d
<i>Pr>f</i>	0.0006	0.0001	0.0320	0.0001	0.0001	0.0001	0.0001
C.V.	7.4	1.9	7.1	2.0	1.2	0.7	2.5

* Lbs lint/A and turnout% were evaluated at 8 of the locations Appling, Burke, Colquitt, Effingham, Irwin, Jeff Davis, Jefferson, and Terrell Counties.
**Seed cotton yeilds were evaluated at 10 locations Appling, Bleckley, Bulloch, Burke, Colquitt, Effingham, Irwin, Jeff Davis, Jefferson, and Terrell Counties.

Table 2. Ten varieties evaluated at 9 locations

	lbs lint/A*	turnout %*	seed cotton/A**	Micronaire	Length	Uniformity	Strength
DP445BR	1226.1 a	0.3885 c	3272.0 a	4.16 b	1.13 b	83.28 ab	30.32 b
DP454BR	1189.6 a	0.3958 b	3060.4 bc	3.82 c	1.11 cd	82.92 bc	29.63 c
DP555BR	1184.9 ab	0.4048 a	3043.8 bc	4.20 ab	1.10 c	81.42 g	29.50 c
FM960B2R	1112.3 bc	0.3706 de	3046.8 bc	4.17 b	1.15 a	82.43 de	32.37 a
DP488BR	1112.1 bc	0.3766 d	2977.3 bc	4.10 b	1.15 a	82.38 de	30.80 b
DP543B2R	1108.5 bc	0.3714 de	3047.3 bc	4.20 ab	1.13 b	81.65 fg	30.64 b
DP455BR	1087.1 c	0.3978 b	2883.4 c	3.87 c	1.12 bc	81.98 df	30.55 b
FM991BR	1075.6 c	0.3632 f	3094.0 b	4.35 a	1.13 b	82.74 cd	32.80 a
PHY470WR	1057.9 c	0.3667 ef	2948.8 bc	4.22 ab	1.11 cd	83.52 a	29.22 c
FM960BR	1052.7 c	0.3687 ef	3006.9 bc	4.10 b	1.10 c	83.02 bc	32.87 a
<i>Pr>f</i>	0.0026	0.0001	0.0725	0.0001	0.0001	0.0001	0.0001
C.V.	7.7	1.9	7.4	1.8	1.2	0.7	2.3

* Lbs lint/A and turnout% were evaluated at 7 of the locations Appling, Burke, Effingham, Irwin, Jeff Davis, Jefferson, and Terrell Counties.
**Seed cotton yeilds were evaluated at 9 locations Appling, Bleckley, Bulloch, Burke, Effingham, Irwin, Jeff Davis, Jefferson, and Terrell Counties.

Table 3. Eleven varieties evaluated at 8 locations

	lbs lint/A*	turnout %*	seed cotton/A**	Micronaire	Length	Uniformity	Strength
DP445BR	1264.3 a	0.3893 c	3356.0 a	4.11 bc	1.13 cd	83.18 ab	30.11 cd
DP454BR	1231.2 ab	0.3978 b	3136.9 bcde	3.80 d	1.11 ef	82.98 bc	29.58 de
DP555BR	1225.0 abc	0.4059 a	3128.2 bcde	4.16 abc	1.11 ef	81.49 e	29.36 e
DP543B2R	1173.5 bcd	0.3723 def	3182.6 abcd	4.16 abc	1.13 bc	81.73 e	30.52 bc
ST6636BR	1150.3 bcd	0.3662 ef	3292.3 ab	4.34 a	1.13 cd	83.33 ab	31.11 b
FM960B2R	1141.0 cd	0.3733 de	3096.4 cde	4.13 bc	1.15 ab	82.47 d	32.18 a
DP488BR	1139.3 cd	0.3793 d	3020.4 de	4.06 c	1.16 a	82.37 d	30.70 bc
FM991BR	1135.8 d	0.3652 d	3226.7 abc	4.26 ab	1.13 c	82.57 cd	32.68 a
DP455BR	1132.3 d	0.3992 ab	2981.8 e	3.81 d	1.12 cde	81.86 e	30.53 bc
FM960BR	1104.2 d	0.3725 de	3114.2 bcde	4.03 c	1.10 f	83.03 ab	32.71 a
PHY470WR	1099.2 d	0.3670 ef	3040.0 cde	4.18 abc	1.11 def	83.46 a	29.01 e
<i>P>.f</i>	0.0436	0.0001	0.0455	0.0001	0.0001	0.0001	0.0001
C.V.	7.9	2.0	7.3	1.8	1.2	0.7	2.4

* Lbs lint/A and turnout% were evaluated at 6 of the locations Burke, Effingham, Irwin, Jeff Davis, Jefferson, and Terrell Counties.
**Seed cotton yields were evaluated at 8 locations Bleckley, Bulloch, Burke, Effingham, Irwin, Jeff Davis, Jefferson, and Terrell Counties.

Table 4. Twelve varieties evaluated at 7 locations

	lbs lint/A*	turnout %*	seed cotton/A**	Micronaire	Length	Uniformity	Strength
ST5242BR	1313.5 a	0.3866 c	3400.6 a	4.22 abc	1.09 g	82.99 bc	28.56 f
DP445BR	1264.3 ab	0.3893 c	3317.9 ab	4.11 bc	1.13 cd	83.18 ab	30.11 cd
DP454BR	1231.2 abc	0.3978 b	3208.5 abcd	3.80 d	1.11 ef	82.98 bc	29.58 de
DP555BR	1225.0 abcd	0.4059 a	3063.6 cde	4.16 abc	1.11 efg	81.49 e	29.36 e
DP543B2R	1173.5 bcde	0.3723 def	3187.3 bcd	4.16 abc	1.13 bc	81.73 e	30.52 bc
ST6636BR	1150.3 cde	0.3662 f	3266.6 abc	4.34 a	1.13 cd	83.33 ab	31.11 b
FM960B2R	1141.0 cde	0.3733 de	3109.1 cde	4.13 bc	1.15 ab	82.47 d	32.18 a
DP488BR	1139.3 cde	0.3793 d	3047.7 de	4.06 c	1.16 a	82.37 d	30.70 bc
FM991BR	1135.8 de	0.3652 f	3224.5 abcd	4.26 ab	1.13 c	82.57 cd	32.68 a
DP455BR	1132.3 de	0.3992 ab	2949.2 e	3.81 d	1.12 cde	81.86 e	30.53 bc
FM960BR	1104.2 e	0.3725 de	3087.6 cde	4.03 c	1.10 fg	83.03 ab	32.71 a
PHY470WR	1099.2 e	0.3670 ef	3050.1 de	4.18 abc	1.11 def	83.46 a	29.01 ef
<i>P>.f</i>	0.0048	0.0001	0.0315	0.0001	0.0001	0.0001	0.0001
C.V.	8.3	2.0	7.5	1.9	1.2	0.7	2.4

* Lbs lint/A and turnout% were evaluated at 6 of the locations Burke, Effingham, Irwin, Jeff Davis, Jefferson, and Terrell Counties.
**Seed cotton yields were evaluated at 7 locations Bleckley, Burke, Effingham, Irwin, Jeff Davis, Jefferson, and Terrell Counties.

All turnout data generated at UGA Microgin - Tifton, GA

NOTE - Seed cotton yield multiplied by turnout may not equal lint/A values reported due to turnout data not being available at all locations.

Minimum plot size was 0.2 acres

Results from individual trials are listed by location in the following Tables.

APPLING CO - Dryland							
	Lint/A	turnout%	seed cotton/A	Micronaire	Length	Uniformity	Strength
ST5242BR	1065.8	0.3675	2900.6	4.37	1.11	83.23	29.53
DP445BR	997.2	0.3835	2600.4	4.47	1.14	83.87	31.63
DP488BR	948.7	0.3604	2632.4	4.37	1.14	82.40	31.43
DP555BR	944.3	0.3986	2368.9	4.50	1.09	81.03	30.33
DP454BR	939.9	0.3838	2448.7	3.97	1.10	82.60	29.90
FM960B2R	939.7	0.3547	2649.4	4.40	1.15	82.20	33.47
DP451BR	840.2	0.3420	2456.6	4.75	1.13	83.47	28.83
DP455BR	815.9	0.3892	2096.3	4.23	1.12	82.67	30.67
PHY470WR	810.3	0.3652	2218.7	4.50	1.10	83.90	30.53
FM960BR	743.9	0.3462	2148.6	4.47	1.11	82.97	33.83
DP543B2R	718.4	0.3657	1964.5	4.47	1.10	81.13	31.37
FM991BR	714.2	0.3515	2031.9	4.87	1.10	83.77	33.57
Agent	James Clark						
Grower	Southeastern Gin						
Planted	26-May-05						
Harvested	18-Nov-05						

BLECKLEY CO - Irrigated			
	Lint/A	turnout%	seed cotton/A
ST6636BR			4012.8
FM991BR			3906.9
DP454BR			3881.9
FM960BR			3785.8
DP445BR			3783.6
DP451BR			3724.5
DP455BR			3600.1
ST5242BR			3423.6
FM960B2R			3397.9
PHY470WR			3366.1
DP543B2R			3350.9
DP555BR			3320.6
DP488BR			3304.4
Agent	Gordon Lee		
Grower	Mike Lucas		
Planted	6-May-05		
Harvested	5-Oct-05		

BULLOCH CO - Dryland			
	Lint/A*	turnout%*	seed cotton/A
DP449BR	1638.4	0.4009	4086.9
DP555BR	1510.4	0.4169	3580.1
DP445BR	1541.2	0.4305	3622.9
DP455BR	1294.7	0.3729	3210.5
FM960BR	1313.6	0.3980	3300.6
ST6636BR	1259.1	0.3883	3471.9
FM991BR	1359.0	0.4233	3242.6
DPX170BR	1241.1	0.3940	2994.1
DP543B2R	1215.2	0.4040	3150.1
FM960B2R	1268.0	0.4235	3007.9
PHY470WR	1181.9	0.3980	2969.5
DPX648DR	1149.7	0.3939	2918.8
DP488BR	1144.5	0.4045	2829.4
DP454BR	1109.0	0.4208	2635.4
Agent	Wes Harris and Patt Todd		
Grower	Greg Sikes		
Planted	26-Apr-05		
Harvested	21-Sep-05		

* DPL Gin Data

BURKE CO - Irrigated							
	Lint/A	turnout%	seed cotton/A	Micronaire	Length	Uniformity	Strength
DP445BR	1246.8	0.4138	3013.1	4.37	1.12	83.87	29.53
ST6636BR	1143.7	0.3779	3026.3	4.20	1.14	82.77	27.97
ST5599BR	1140.4	0.3979	2865.8	3.90	1.10	83.40	29.40
DP555BR	1092.6	0.4162	2625.2	3.77	1.11	82.07	30.53
ST5242BR	1086.4	0.3977	2731.9	4.17	1.15	82.53	30.40
DP451BR	1071.2	0.3651	2933.9	4.23	1.11	81.57	30.43
FM960B2R	1066.6	0.3795	2810.8	4.13	1.10	81.83	29.23
DP454BR	1033.7	0.4067	2541.5	4.07	1.14	83.10	32.00
FM991BR	1031.6	0.3766	2739.1	3.83	1.09	83.30	32.50
DP455BR	1027.7	0.4159	2470.8	4.50	1.11	82.93	32.47
DP488BR	1021.4	0.3847	2654.6	4.10	1.12	83.20	28.83
DP543B2R	990.3	0.3833	2583.9	4.40	1.08	83.70	27.93
PHY470WR	964.8	0.3737	2581.4	4.23	1.13	82.67	31.10
FM960BR	941.2	0.3830	2457.4	4.50	1.13	83.80	31.60
Agent	Will Duffie and Richard McDaniel						
Grower	Cleve Mobley						
Planted	16-May-05						
Harvested	27-Oct-05						

EFFINGHAM CO - Dryland							
	Lint/A	turnout%	seed cotton/A	Micronaire	Length	Uniformity	Strength
DPX170BR	1174.0	0.3843	3055.0	4.40	1.15	83.33	29.80
ST5242BR	1160.4	0.3611	3213.4	4.33	1.12	83.13	29.60
DPX648DR	1129.7	0.4049	2789.9	4.43	1.12	82.00	29.00
DP451BR	1104.7	0.3465	3187.9	4.60	1.16	83.03	28.97
DP543B2R	1096.1	0.3532	3103.6	4.13	1.16	82.70	30.43
DP445BR	1081.9	0.3771	2868.5	4.40	1.17	84.27	31.00
DP455BR	1074.2	0.3869	2776.4	4.13	1.17	82.70	31.07
ST6636BR	1050.2	0.3594	2922.4	4.63	1.16	83.77	32.30
FM991B2R	1024.3	0.3498	2928.0	4.40	1.15	84.20	33.00
DP555BR	1005.1	0.4044	2485.2	4.47	1.11	81.83	28.67
FM991BR	1002.9	0.3565	2812.8	4.37	1.16	82.70	32.33
DP488BR	987.7	0.3690	2676.6	4.23	1.17	82.13	31.23
FM960BR	981.1	0.3567	2750.5	4.20	1.13	84.10	32.23
DP454BR	935.6	0.3785	2471.8	3.93	1.13	83.67	29.70
FM960B2R	896.1	0.3487	2569.7	4.23	1.18	83.10	32.07
PHY470WR	895.6	0.3495	2562.7	4.70	1.15	83.73	29.60
Agent	Bill Tyson						
Grower	Larry Redmond						
Planted	16-May-05						
Harvested	7-Nov-05						

IRWIN CO - Dryland							
	Lint/A	turnout%	seed cotton/A	Micronaire	Length	Uniformity	Strength
DP555BR	1634.0	0.4027	4057.8	4.60	1.11	81.67	30.53
DP454BR	1632.1	0.3889	4196.5	4.27	1.13	83.13	30.13
DP543B2R	1478.4	0.3641	4060.6	4.83	1.12	81.47	31.03
DP445BR	1476.9	0.3805	3881.3	4.53	1.15	83.50	30.50
FM960B2R	1420.5	0.3685	3855.3	4.63	1.15	82.47	33.77
ST5242BR	1418.2	0.3730	3802.0	4.53	1.09	82.73	27.93
DP488BR	1400.2	0.3694	3790.2	4.63	1.16	82.43	32.00
FM991BR	1391.5	0.3551	3918.5	4.67	1.15	82.70	34.43
DP451BR	1386.6	0.3461	4006.2	4.57	1.14	82.90	28.67
FM960BR	1382.1	0.3618	3819.8	4.47	1.10	82.83	33.73
ST6636BR	1378.4	0.3510	3926.7	4.97	1.13	83.83	31.43
DP455BR	1352.5	0.3904	3464.8	4.30	1.13	82.13	31.97
PHY470WR	1273.0	0.3551	3585.4	4.37	1.11	83.43	28.87
Agent	Phillip Edwards						
Grower	Tommy Wilson						
Planted	13-May-05						
Harvested	25-Oct-05						

JEFF DAVIS CO - Dryland							
	Lint/A	turnout%	seed cotton/A	Micronaire	Length	Uniformity	Strength
ST5242BR	1470.7	0.3962	3711.9	4.07	1.09	82.77	27.33
DP451BR	1228.4	0.3630	3384.0	3.60	1.09	82.30	28.80
DP454BR	1226.2	0.4136	2964.6	3.53	1.09	80.43	28.87
DP424B2R	1187.0	0.3614	3283.9	3.63	1.11	82.53	29.27
ST6636BR	1177.2	0.3749	3140.2	3.80	1.11	82.57	29.47
DP445BR	1123.9	0.3980	2824.1	3.70	1.13	82.53	28.43
DPX648DR	1119.4	0.4080	2743.4	4.07	1.10	81.57	29.60
DP543B2R	1108.0	0.3852	2876.5	4.07	1.09	81.37	27.53
PHY470WR	1077.2	0.3820	2819.8	3.90	1.10	82.57	28.20
DP555BR	1072.2	0.4051	2646.8	3.97	1.10	82.07	28.77
DPX170BR	1071.8	0.3925	2730.8	4.33	1.08	80.97	28.00
FM991BR	1061.2	0.3720	2852.9	4.07	1.09	83.00	28.23
FM960B2R	1002.3	0.3922	2555.3	3.80	1.07	82.20	31.57
DP488BR	984.1	0.3806	2585.3	4.07	1.11	80.77	28.63
FM960BR	972.2	0.3805	2554.6	4.07	1.12	81.77	30.87
DP455BR	945.4	0.4084	2315.2	3.43	1.13	81.57	28.63
Agent	Tim Varnedore						
Grower	Delvin Williams						
Planted	27-May-05						
Harvested	9-Nov-05						

JEFFERSON CO - Irrigated							
	Lint/A	turnout%	seed cotton/A	Micronaire	Length	Uniformity	Strength
DP445BR	1625.9	0.4118	3948.0	4.40	1.14	83.50	30.90
ST5242BR	1505.3	0.4109	3663.7	4.20	1.09	83.17	29.13
DP451BR	1370.5	0.3753	3651.6	4.13	1.16	83.77	28.77
DP454BR	1347.3	0.4095	3290.1	3.70	1.10	83.43	30.57
DP555BR	1343.5	0.4066	3304.5	4.00	1.11	81.70	30.50
FM991BR	1343.2	0.3793	3541.2	4.33	1.15	83.03	33.97
DP455BR	1323.0	0.4181	3164.5	3.77	1.13	82.43	31.27
DP488BR	1314.8	0.3923	3351.7	4.13	1.16	83.27	31.37
ST6636BR	1221.6	0.3944	3097.5	4.57	1.13	83.50	31.90
FM960B2R	1221.0	0.3940	3099.2	4.13	1.15	82.67	33.13
FM960BR	1186.4	0.3900	3042.2	4.07	1.13	82.93	33.77
PHY470WR	1185.4	0.3788	3129.3	4.17	1.11	83.97	30.20
DP543B2R	1184.7	0.3861	3068.6	4.20	1.15	82.60	32.03
FM991B2R	1018.0	0.3725	2733.0	4.03	1.20	83.80	34.43
Agent	Jim Crawford						
Grower	Robbie Brett						
Planted	13-May-05						
Harvested	21-Oct-05						

TERRELL CO - Irrigated							
	Lint/A	turnout%	seed cotton/A	Micronaire	Length	Uniformity	Strength
ST5242BR	1239.9	0.3806	3257.7	3.93	1.08	82.67	28.53
FM960B2R	1239.6	0.3567	3475.4	3.67	1.17	81.93	32.53
DPX648DR	1233.4	0.3874	3183.5	3.73	1.12	80.50	29.70
PHY480WR	1232.9	0.3535	3487.6	3.80	1.16	83.83	28.93
DP454BR	1212.4	0.3894	3113.0	3.40	1.12	81.93	28.90
DP555BR	1202.7	0.4002	3005.3	3.67	1.12	80.53	29.67
PHY470WR	1199.1	0.3627	3306.1	3.67	1.11	83.40	28.30
DP543B2R	1183.2	0.3622	3266.7	3.50	1.15	81.30	30.53
FM960BR	1161.9	0.3628	3202.5	3.83	1.10	82.80	32.43
DP488BR	1127.6	0.3795	2970.9	3.73	1.16	82.30	30.57
DP455BR	1070.9	0.3754	2852.5	3.33	1.12	81.40	29.50
ST4646B2	1067.5	0.3567	2992.5	3.73	1.08	81.93	27.90
DP424B2R	1050.9	0.3247	3236.9	3.50	1.09	82.30	26.50
DP449BR	1043.3	0.3669	2843.1	3.80	1.11	82.00	28.90
DP445BR	1030.3	0.3545	2906.4	3.33	1.08	81.43	29.43
FM991BR	984.4	0.3516	2800.0	3.63	1.11	82.30	32.00
ST6636BR	930.5	0.3395	2740.4	3.57	1.11	82.53	29.93
Agent	Will Duffie						
Grower	Peavey Bros. Farms						
Planted	19-May-05						
Harvested	10-Nov-05						

BENHILL Co. - Dryland							
	Lint/A	turnout%	seed cotton/A	Micronaire	Length	Uniformity	Strength
DP455BR	477.9	0.3969	1204.1	4.17	1.10	82.63	28.60
ST5242BR	461.6	0.4002	1153.4	4.30	1.06	83.80	26.30
PHY470WR	449.7	0.3785	1188.0	4.43	1.08	84.53	28.43
DP555BR	446.4	0.4206	1061.4	4.27	1.06	81.30	27.37
ST6636BR	424.4	0.3528	1202.7	4.40	1.11	83.33	29.93
DP451BR	379.8	0.3512	1080.3	4.42	1.08	82.98	26.64
DP543B2R	366.1	0.3816	959.5	4.07	1.10	82.70	28.53
FM960BR	359.9	0.3820	942.0	4.03	1.09	83.30	33.53
DP454BR	351.8	0.4124	853.0	3.77	1.06	82.23	28.33
FM991BR	351.2	0.3653	961.3	4.53	1.09	82.87	32.03
DP488BR	334.7	0.3765	888.8	4.53	1.11	82.33	29.67
Agent	Scott Carlson						
Grower	Kyle and Kent Phillips						
Planted	2-Jun-05						
Harvested	2-Dec-05						

COLQUITT CO - Irrigated*							
	Lint/A	turnout%	seed cotton/A	Micronaire	Length	Uniformity	Strength
DP445BR	1459.7 a	0.3978 bc	3672.3 a	4.50 c	1.13 b	82.94 a	29.73 cde
DP454BR	1302.7 bcde	0.3944 c	3303.0 a	4.17 e	1.09 d	81.92 b	29.20 e
DP455BR	1389.0 ab	0.4013 b	3462.3 a	4.17 e	1.11 c	80.60 c	30.46 bcd
DP488BR	1279.5 bcdef	0.3771 d	3392.0 a	4.50 c	1.15 a	81.77 b	30.76 bc
DP543B2R	1169.6 f	0.3605 f	3246.7 a	4.53 c	1.12 bc	81.52 b	30.68 bc
DP555BR	1353.6 abc	0.4100 a	3300.7 a	4.69 ab	1.09 d	80.50 c	29.60 de
FM960B2R	1173.4 ef	0.3632 ef	3237.0 a	4.64 b	1.13 b	81.73 b	32.43 a
FM960BR	1252.2 cdef	0.3682 e	3410.0 a	4.31 d	1.09 d	82.06 b	32.37 a
PHY470WR	1213.9 def	0.3665 ef	3312.0 a	4.44 c	1.10 d	82.64 a	28.89 e
ST6636BR	1342.2 abcd	0.3687 e	3640.3 a	4.77 a	1.13 b	82.87 a	31.10 b
Agent	Scott Brown and Glenn Beard						
Grower	Ronald Baker	<i>*Trial replicated 3 times</i>					
Planted	29-Apr-05						
Harvested	28-Sep-05						