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# SG 215 BG/RR, A NEW HIGH-YIELDING, EARLY MATURING PICKER VARIETY

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## Abstract

Delta and Pine Land Company is introducing a new high-yielding, early-maturing picker variety that possesses the Bollgard® (BG) and Roundup Ready® (RR) technologies. SG 215 BG/RR was developed at Delta and Pine Land's breeding facilities at Leland, MS, and Scott, MS, by Dr. Bob Bridge and Robert McGowen. SG 215 BG/RR is well-adapted to all the picker cotton growing regions across the belt. Delta and Pine Land data and state official variety trial data show that SG 215 BG/RR has produced more lint yield per acre than other early-maturing BG/RR varieties across the Cotton Belt. Delta and Pine Land data also show that SG 215 BG/RR generated more crop revenue per acre than the other commercially-available BG/RR varieties across the Cotton Belt. Seed supplies of SG 215 BG/RR are expected to be limited for the 2002 growing season.

## Introduction

Delta and Pine Land Company has continually developed and successfully marketed high-yielding, early-maturing transgenic cotton varieties. In the 2002 season, we will introduce a new picker variety that has the Bollgard® and Roundup Ready® transgenic traits. SG 215 BG/RR is a widely adapted, early-maturing picker variety that has produced high yields in a wide range of environments, and will provide growers with a new tool with top-end yield potential.

## Materials and Methods

SG 215 BG/RR is a sister-line of Sure-Grow 125BR, which is a bulk of lines originating from a cross between Sure-Grow 125 and the Bollgard® and Roundup Ready® donor parents. SG 215 BG/RR was selected in breeder nurseries at Leland, MS, and Scott, MS, by Dr. Bob Bridge and designated SGX125BR-457 in 1999; further development was done by Robert McGowen at Leland, MS. Seed supply of SG 215 BG/RR is expected to be limited for the 2002 growing season.

Data reported herein are from either Delta and Pine Land Company Technical Services Agronomic Service Trials (ASTs) and/or from various state university official variety trials (OVTs). Crop values, expressed in $/acre based on a loan value of $0.50/lb. +/- premiums and discounts, are shown for the subset of data for which all necessary HVI data were collected and reported. All data reported are from all trials available in Delta and Pine Land Company's Agronomic Information System as of 20 December, 2001.

## Results and Discussion

The characteristics of SG 215 BG/RR (Table 1) are conducive to many production systems across the Belt, enabling the variety to be widely-adapted. Averaged across 402 plots over the last three years and over the entire Belt, turnout was 36.5 %, staple averaged 33.87, micronaire 4.51, leaf grade 2.3, strength 26.57, and uniformity averaged 81.86 for SG 215 BG/RR (Table 2). The highest turnout values were from the Southeast regions, the longest fibers were recorded in the West and Lower Mid-South regions, the highest micronaire readings were in the West region, and the highest uniformity was found in the Southwest and Upper Mid-South regions for SG 215 BG/RR.

### Beltwide Performance

Performance of SG 215 BG/RR relative to alternative early-maturing BG/RR varieties is shown by region on Tables 3-9). Table 2 shows Beltwide comparisons between SG 215 BG/RR and Sure-Grow 125 BR, Sure-Grow 501 BR, PM 1218 BG/RR, DP 451 B/RR, and ST4892BR. SG 215 BG/RR yielded higher than all the comparison varieties across the Belt, and generated higher crop values, despite having consistently shorter staple values than all the comparison varieties. SG 215 BG/RR outyielded its sister line, Sure-Grow 125BR, by nearly 100 lbs/acre, and generated $27 more per acre in crop value.

### Performance in the West Region

In AZ and CA trials, SG 215 BG/RR produced more lint per acre and more crop value per acre than Sure-Grow 125BR, Sure-Grow 501BR, PM 1218 BG/RR, or DP 451 B/RR (Table 4). Micronaire values of SG 215 BG/RR were higher than that for

Sure-Grow 125 BR and DP 451 B/RR, but lower than PM 1218 BG/RR; the micronaire for SG 215 BG/RR and Sure-Grow 501BR were very similar.

**Performance in the Southwest Region**

Averaged over numerous trials over a two-year period in the picker areas of NM, OK, and TX, SG 215 BG/RR produced substantially more lint per acre and more crop value per acre than the comparison varieties (Table 5). Staple values for SG 215 BG/RR in this region averaged between 32.6 and 32.8, strength ranged from 25.0 to 25.2 g/tex, and micronaire readings ranged from 4.06 to 4.36.

**Performance in the Lower Mid-South Region**

SG 215 BG/RR outyielded all comparison varieties in the Lower Mid-South region (southern AR, LA, and southern MS), except PM 1218 BG/RR. Similarly, crop values were higher for SG 215 BG/RR relative to other varieties except for PM 1218 BG/RR (Table 6).

**Performance in the Upper Mid-South Region**

The predominant variety planted in the Upper Mid-South region (northern AL, northern AR, MO, northern MS, and TN) in 2001 was PM 1218 BG/RR (USDA-AMS, 2001), which is a very high-yielding, early-maturing variety. This was the only variety within this region in which SG 215 BG/RR did not outperform (Table 7). Crop values were higher for SG 215 BG/RR than for Sure-Grow 125 BR, DP 451 B/RR, and ST4892BR, but lower compared to PM 1218 BG/RR. Crop values were similar for SG 215 BG/RR and Sure-Grow 501BR in the Upper Mid-South.

**Performance in the Lower Southeast Region**

Although PM 1218 BG/RR has performed very well in the Mid-South regions, it is not well-adapted to the Lower Southeast (southern AL, FL, GA, and southern SC). Growers in this region have been demanding a high-yielding, early-maturing variety that will help spread risk by planting some early-maturing varieties on a portion of their acreage, while planting most of their acreage with the well-adapted mid-full season varieties that typify the region, like DP 458 B/RR. The performance of SG 215 BG/RR in this region indicates that it has the potential to fit this need. SG 215 BG/RR has produced more lint per acre and generated more crop value per acre than all the comparison varieties in the Lower Southeast region (Table 8).

**Performance in the Upper Southeast Region**

SG 215 BG/RR has outperformed Sure-Grow 125BR and ST4892BR in the Upper Southeast region (NC, northern SC, and VA), both in terms of lint yield and crop value (Table 9). While SG 215 BG/RR produced more lint per acre than Sure-Grow 501BR, the crop revenue generated per acre was the same for the two varieties in this region. Similarly, SG 215 BG/RR outyielded DP 451 B/RR by 29 lbs/acre in the Upper Southeast, but DP 451 B/RR generated $19 more per acre in crop revenue, due to the better fiber quality of DP 451 B/RR. PM 1218 BG/RR, historically a variety with very good performance in this region, produced more yield than SG 215 BG/RR in the Upper Southeast, but SG 215 BG/RR generated $3 more per acre in crop value.

## Summary

SG 215 BG/RR is an early-maturing, high-yielding variety that is well-adapted to all regions of the Cotton Belt. It has good fiber strength, micronaire, and uniformity, but often has slightly shorter fiber than other early-maturing BG/RR varieties. Despite the shorter staple values, SG 215 BG/RR has typically produced enough lint per acre to offset any discounts for staple values below 34, and ultimately has generated more crop value per acre than the other comparison varieties. While PM 1218 BG/RR slightly outyielded SG 215 BG/RR in the regions dominated by PM 1218 BG/RR, the characteristics of SG 215 BG/RR are conducive to growing conditions in those areas; in addition, bronze wilt has not been observed in SG 215 BG/RR, while bronze wilt has been observed in PM 1218 BG/RR. Moreover, SG 215 BG/RR has had better adaptability in the Lower Southeast, where PM 1218 BG/RR has not had good performance. Supplies of SG 215 BG/RR seed are expected to be limited for the 2002 season.

## Acknowledgements

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## References

USDA-AMS. 2001. Cotton Varieties Planted, 2001 Crop. USDA-AMS Cotton Program, Memphis, TN.

Table 1. Characteristics of SG 215 BG/RR.

| Characteristic | Description or Rating |
|---|---|
| Maturity | Early |
| Plant Height | Medium-Tall |
| Leaf Pubescence | Smooth |
| Range of Seed Size (#/lb.) | 4,300-4,900 |
| Storm Resistance | Very Good |
| *Fusarium* Resistance | Very Good |
| *Verticillium* Resistance | Good |
| Bronze Wilt | Not Observed |
| Node of 1st Fruiting Branch | 5.9 |
| Total No. Fruiting Branches | 13.0 |

Table 2. Means of fiber quality parameters by region for SG 215 BG/RR. Data are means of D&PL ASTs and state university OVTs as of 20 December, 2001.

| Region† | Year(s) | No. plots | % Turnout | Staple (1/32 in) | Micronaire | Leaf Grade | Strength (g/tex) | % Uniformity |
|---|---|---|---|---|---|---|---|---|
| Beltwide | 1999-2001 | 402 | 36.5 | 33.87 | 4.51 | 2.3 | 26.57 | 81.86 |
| West | 2000 | 4 | 37.4 | 34.91 | 4.95 | 1.5 | 24.40 | 82.53 |
| Southwest | 2000-2001 | 91 | 35.0 | 33.81 | 4.40 | 2.3 | 26.00 | 82.16 |
| Lower Mid-South | 2000-2001 | 99 | 35.5 | 33.74 | 4.62 | 2.7 | 26.60 | 81.64 |
| Upper Mid-South | 1999-2001 | 105 | 36.6 | 34.18 | 4.33 | 2.2 | 27.25 | 82.11 |
| Lower Southeast | 1999-2001 | 59 | 38.5 | 33.63 | 4.72 | 2.1 | 26.27 | 81.41 |
| Upper Southeast | 1999-2001 | 44 | 38.9 | 33.80 | 4.63 | 1.9 | 26.66 | 81.66 |

† West = AZ & CA; Southwest = picker areas of NM, OK, & TX; Lower Mid-South = southern AR, LA, & southern MS; Upper Mid-South = northern AL, northern AR, MO, northern MS, and TN; Lower Southeast = southern AL, FL, GA, and southern SC; Upper Southeast = NC, northern SC, & VA.

Table 3. Head-to-head comparisons of SG 215 BG/RR and early-mid maturity BG/RR alternatives across the Belt in D&PL ASTs and state university OVTs, as of 20 December, 2001.

| Varieties | Lbs. lint/ acre | % Wins | Staple (1/32 in) | Strength (g/tex) | Micro-naire | Leaf Grade | % Turn-out | % Uni-formity | Crop Value† |
|---|---|---|---|---|---|---|---|---|---|
| SG 215 BG/RR | 1001 | 83 | 33.4 | 26.0 | 4.41 | 2.3 | 36.6 | 81.7 | 457 |
| Sure-Grow 125 BR | 905 | 17 | 34.1 | 27.1 | 4.32 | 2.2 | 35.2 | 81.8 | 430 |
| No. of tests: 127 (1999-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 1015 | 75 | 33.5 | 26.2 | 4.56 | 2.3 | 36.8 | 81.6 | 470 |
| Sure-Grow 501 BR | 962 | 25 | 34.0 | 28.3 | 4.66 | 2.2 | 36.6 | 82.2 | 457 |
| No. of tests: 169 (1999-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 990 | 50 | 33.5 | 26.2 | 4.41 | 2.3 | 36.5 | 81.4 | 455 |
| PM 1218 BG/RR | 978 | 50 | 33.7 | 26.3 | 4.54 | 2.2 | 37.7 | 81.6 | 458 |
| No. of tests: 151 (2000-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 1021 | 81 | 33.5 | 26.1 | 4.51 | 2.3 | 36.7 | 81.6 | 468 |
| DP 451 B/RR | 940 | 19 | 34.8 | 26.4 | 4.38 | 1.8 | 34.5 | 81.8 | 457 |
| No. of tests: 170 (1999-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 981 | 70 | 33.5 | 26.2 | 4.50 | 2.2 | 36.9 | 81.4 | 459 |
| ST4892BR | 918 | 30 | 34.3 | 27.8 | 4.54 | 2.3 | 37.8 | 81.9 | 435 |
| No. of tests: 144 (2000-2001 data) | | | | | | | | | |

† Based on loan value of $0.50/lb +/- premiums and discounts, expressed as $/acre gross revenue. Data are means of crop value of individual plots.

Table 4. Head-to-head comparisons of SG 215 BG/RR and early-mid maturity BG/RR alternatives across the West region (AZ & CA) in D&PL ASTs and state university OVTs, as of 20 December, 2001.

| Varieties | Lbs. lint/ acre | % Wins | Staple (1/32 in) | Strength (g/tex) | Micro -naire | Leaf Grade | % Turn-out | % Uni-formity | Crop Value† |
|---|---|---|---|---|---|---|---|---|---|
| SG 215 BG/RR | 1921 | 100 | 34.5 | 24.4 | 4.95 | 1.5 | 37.4 | 82.5 | 952 |
| Sure-Grow 125 BR | 1741 | 0 | 35.3 | 25.8 | 4.65 | 1.0 | 35.3 | 83.1 | 896 |
| No. of tests: 4 (2000 data) | | | | | | | | | |
| SG 215 BG/RR | 1921 | 100 | 34.5 | 24.4 | 4.95 | 1.5 | 37.4 | 82.5 | 952 |
| Sure-Grow 501 BR | 1769 | 0 | 35.0 | 27.5 | 4.93 | 2.0 | 36.5 | 83.6 | 892 |
| No. of tests: 4 (2000 data) | | | | | | | | | |
| SG 215 BG/RR | 1738 | 100 | 34.5 | 25.1 | 4.70 | 1.5 | 34.6 | 82.4 | 851 |
| PM 1218 BG/RR | 1546 | 0 | 34.0 | 26.0 | 4.80 | 1.5 | 34.5 | 82.7 | 797 |
| No. of tests: 2 (2000 data) | | | | | | | | | |
| SG 215 BG/RR | 1921 | 75 | 34.5 | 24.4 | 4.95 | 1.5 | 37.4 | 82.5 | 952 |
| DP 451 B/RR | 1826 | 25 | 36.0 | 25.0 | 4.83 | 1.0 | 33.9 | 82.5 | 935 |
| No. of tests: 4 (2000 data) | | | | | | | | | |

† Based on loan value of $0.50/lb +/- premiums and discounts, expressed as $/acre gross revenue. Data are means of crop value of individual plots.

Table 5. Head-to-head comparisons of SG 215 BG/RR and early-mid maturity BG/RR alternatives across the Southwest region (picker areas of NM, OK, & TX) in D&PL ASTs and state university OVTs, as of 20 December, 2001.

| Varieties | Lbs. lint/ acre | % Wins | Staple (1/32 in) | Strength (g/tex) | Micro-naire | Leaf Grade | % Turn -out | % Uni-formity | Crop Value† |
|---|---|---|---|---|---|---|---|---|---|
| SG 215 BG/RR | 1034 | 86 | 32.8 | 25.0 | 4.06 | 2.6 | 34.4 | 81.2 | 363 |
| Sure-Grow 125 BR | 906 | 14 | 33.4 | 26.0 | 4.05 | 2.7 | 32.9 | 81.6 | 325 |
| No. of tests: 28 (2000-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 1043 | 77 | 32.7 | 25.2 | 4.32 | 2.5 | 35.3 | 81.1 | 374 |
| Sure-Grow 501 BR | 959 | 23 | 33.3 | 27.3 | 4.42 | 2.5 | 34.5 | 81.9 | 356 |
| No. of tests: 30 (2000-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 1030 | 76 | 32.8 | 25.2 | 4.25 | 2.5 | 35.1 | 81.2 | 381 |
| PM 1218 BG/RR | 905 | 24 | 33.3 | 25.3 | 4.35 | 2.9 | 35.4 | 81.7 | 357 |
| No. of tests: 33 (2000-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 1020 | 85 | 32.7 | 25.1 | 4.23 | 2.6 | 35.1 | 81.1 | 363 |
| DP 451 B/RR | 904 | 15 | 34.0 | 25.1 | 4.26 | 2.2 | 32.6 | 81.6 | 340 |
| No. of tests: 33 (2000-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 854 | 67 | 32.6 | 25.0 | 4.36 | 2.6 | 35.4 | 81.1 | 331 |
| ST4892BR | 815 | 33 | 33.5 | 25.8 | 4.30 | 2.3 | 35.7 | 81.8 | 320 |
| No. of tests: 24 (2000-2001 data) | | | | | | | | | |

† Based on loan value of $0.50/lb +/- premiums and discounts, expressed as $/acre gross revenue. Data are means of crop value of individual plots.

Table 6. Head-to-head comparisons of SG 215 BG/RR and early-mid maturity BG/RR alternatives across the Lower Mid-South region (southern AR, LA, & southern MS) in D&PL ASTs and state university OVTs, as of 20 December, 2001.

| Varieties | Lbs. lint/ acre | % Wins | Staple (1/32 in) | Strength (g/tex) | Micro -naire | Leaf Grade | % Turn-out | % Uni-formity | Crop Value† |
|---|---|---|---|---|---|---|---|---|---|
| SG 215 BG/RR | 986 | 95 | 33.5 | 26.7 | 4.61 | 2.5 | 35.7 | 81.7 | 453 |
| Sure-Grow 125 BR | 845 | 5 | 34.3 | 27.8 | 4.49 | 2.4 | 34.1 | 81.9 | 401 |
| No. of tests: 20 (1999-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 970 | 76 | 33.8 | 26.9 | 4.70 | 2.6 | 35.6 | 81.8 | 447 |
| Sure-Grow 501 BR | 897 | 24 | 34.2 | 29.1 | 4.74 | 2.5 | 35.3 | 82.5 | 439 |
| No. of tests: 38 (1999-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 933 | 37 | 33.8 | 26.9 | 4.64 | 2.6 | 35.7 | 81.6 | 446 |
| PM 1218 BG/RR | 988 | 63 | 34.0 | 26.9 | 4.71 | 2.5 | 37.3 | 81.8 | 477 |
| No. of tests: 38 (2000-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 971 | 74 | 33.8 | 26.9 | 4.70 | 2.6 | 35.8 | 81.8 | 448 |
| DP 451 B/RR | 890 | 26 | 35.1 | 27.3 | 4.55 | 2.1 | 33.4 | 81.9 | 443 |
| No. of tests: 39 (1999-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 948 | 59 | 33.8 | 26.9 | 4.69 | 2.5 | 35.8 | 81.7 | 449 |
| ST4892BR | 870 | 41 | 34.9 | 28.9 | 4.69 | 2.5 | 36.5 | 82.4 | 432 |
| No. of tests: 32 (2000-2001 data) | | | | | | | | | |

† Based on loan value of $0.50/lb +/- premiums and discounts, expressed as $/acre gross revenue. Data are means of crop value of individual plots.

Table 7. Head-to-head comparisons of SG 215 BG/RR and early-mid maturity BG/RR alternatives across the Upper Mid-South region (northern AL, northern AR, MO, northern MS, and TN) in D&PL ASTs and state university OVTs, as of 20 December, 2001.

| Varieties | Lbs. lint/ acre | % Wins | Staple (1/32 in) | Strength (g/tex) | Micro -naire | Leaf Grade | % Turn-out | % Uni-formity | Crop Value† |
|---|---|---|---|---|---|---|---|---|---|
| SG 215 BG/RR | 925 | 81 | 33.8 | 26.3 | 4.40 | 2.2 | 36.5 | 82.2 | 428 |
| Sure-Grow 125 BR | 836 | 19 | 34.3 | 27.6 | 4.30 | 2.0 | 35.7 | 82.0 | 407 |
| No. of tests: 26 (1999-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 954 | 68 | 33.8 | 26.4 | 4.47 | 2.2 | 36.7 | 82.0 | 446 |
| Sure-Grow 501 BR | 924 | 32 | 34.2 | 28.6 | 4.56 | 2.1 | 37.3 | 82.5 | 447 |
| No. of tests: 31 (1999-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 963 | 19 | 33.8 | 26.4 | 4.32 | 2.1 | 36.4 | 81.7 | 443 |
| PM 1218 BG/RR | 1015 | 81 | 34.1 | 26.7 | 4.37 | 1.7 | 38.2 | 81.7 | 474 |
| No. of tests: 27 (2000-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 977 | 81 | 33.8 | 26.4 | 4.42 | 2.2 | 36.6 | 82.0 | 448 |
| DP 451 B/RR | 900 | 19 | 34.9 | 26.9 | 4.20 | 1.7 | 34.8 | 82.0 | 429 |
| No. of tests: 31 (1999-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 963 | 70 | 33.8 | 26.4 | 4.32 | 2.1 | 36.4 | 81.7 | 443 |
| ST4892BR | 925 | 30 | 34.6 | 28.5 | 4.30 | 2.2 | 37.7 | 82.1 | 437 |
| No. of tests: 27 (2000-2001 data) | | | | | | | | | |

† Based on loan value of $0.50/lb +/- premiums and discounts, expressed as $/acre gross revenue. Data are means of crop value of individual plots.

Table 8. Head-to-head comparisons of SG 215 BG/RR and early-mid maturity BG/RR alternatives across the Lower Southeast region (southern AL, FL, GA & southern SC) in D&PL ASTs and state university OVTs, as of 20 December, 2001.

| Varieties | Lbs. lint/ acre | % Wins | Staple (1/32 in) | Strength (g/tex) | Micro-naire | Leaf Grade | % Turn-out | % Uni-formity | Crop Value† |
|---|---|---|---|---|---|---|---|---|---|
| SG 215 BG/RR | 1023 | 54 | 33.5 | 26.1 | 4.63 | 2.5 | 38.6 | 82.2 | 468 |
| Sure-Grow 125 BR | 986 | 46 | 34.0 | 27.1 | 4.56 | 2.3 | 37.2 | 81.8 | 469 |
| No. of tests: 13 (1999-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 1076 | 70 | 33.7 | 25.8 | 4.71 | 2.0 | 38.5 | 81.8 | 515 |
| Sure-Grow 501 BR | 1060 | 30 | 33.9 | 28.0 | 4.82 | 2.1 | 38.4 | 81.9 | 492 |
| No. of tests: 20 (1999-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 1040 | 89 | 33.5 | 26.0 | 4.36 | 2.3 | 37.9 | 81.9 | 495 |
| PM 1218 BG/RR | 887 | 11 | 33.5 | 25.7 | 4.38 | 2.1 | 39.4 | 81.8 | 402 |
| No. of tests: 9 (2000-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 1127 | 89 | 33.7 | 25.5 | 4.62 | 2.0 | 38.3 | 81.4 | 532 |
| DP 451 B/RR | 1061 | 11 | 34.7 | 25.6 | 4.45 | 1.5 | 36.4 | 81.3 | 515 |
| No. of tests: 18 (1999-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 1145 | 65 | 33.7 | 25.5 | 4.62 | 1.8 | 38.0 | 81.4 | 550 |
| ST4892BR | 1107 | 35 | 34.3 | 27.3 | 4.86 | 2.2 | 39.8 | 81.9 | 517 |
| No. of tests: 17 (2000-2001 data) | | | | | | | | | |

† Based on loan value of $0.50/lb +/- premiums and discounts, expressed as $/acre gross revenue. Data are means of crop value of individual plots.

Table 9. Head-to-head comparisons of SG 215 BG/RR and early-mid maturity BG/RR alternatives across the Upper Southeast region (NC, northern SC, & VA) in D&PL ASTs and state university OVTs, as of 20 December, 2001.

| Varieties | Lbs. lint/ Acre | % Wins | Staple (1/32 in) | Strength (g/tex) | Micro -naire | Leaf Grade | % Turn-out | % Uni-formity | Crop Value† |
|---|---|---|---|---|---|---|---|---|---|
| SG 215 BG/RR | 977 | 92 | 33.1 | 25.8 | 4.46 | 1.9 | 38.4 | 81.3 | 482 |
| Sure-Grow 125 BR | 898 | 8 | 33.8 | 26.6 | 4.36 | 1.6 | 37.4 | 81.2 | 463 |
| No. of tests: 12 (1999-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 994 | 69 | 33.3 | 26.2 | 4.57 | 2.0 | 38.6 | 81.2 | 494 |
| Sure-Grow 501 BR | 962 | 31 | 34.0 | 28.0 | 4.78 | 1.9 | 38.6 | 82.0 | 494 |
| No. of tests: 16 (1999-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 1075 | 43 | 33.2 | 26.1 | 4.45 | 2.0 | 38.5 | 81.1 | 517 |
| PM 1218 BG/RR | 1098 | 57 | 33.9 | 26.4 | 4.85 | 1.8 | 40.0 | 81.0 | 514 |
| No. of tests: 14 (2000-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 1004 | 73 | 33.2 | 26.2 | 4.51 | 2.0 | 38.6 | 81.2 | 503 |
| DP 451 B/RR | 975 | 27 | 35.1 | 26.5 | 4.32 | 1.6 | 37.0 | 81.6 | 522 |
| No. of tests: 15 (1999-2001 data) | | | | | | | | | |
| SG 215 BG/RR | 1059 | 88 | 33.4 | 26.2 | 4.60 | 2.1 | 38.7 | 81.2 | 505 |
| ST4892BR | 977 | 12 | 33.8 | 27.8 | 4.70 | 2.4 | 39.9 | 81.4 | 461 |
| No. of tests: 16 (2000-2001 data) | | | | | | | | | |

† Based on loan value of $0.50/lb +/- premiums and discounts, expressed as $/acre gross revenue. Data are means of crop value of individual plots.