

Table . Preliminary Double Crop (Irrigated) RR Soybean Variety Performance Summary
 Research & Education Center (Sussex County) Georgetown, Delaware

| Planted 7/07/10 & Harvested 11/12/10 - Group III Maturity | | | | | Performance Ranking for | | | | | | 2010 Pooled Sites | |
|---|------------------|-------------|---------|---------------------|--------------------------------|-----------------|------------------------|------------------------------------|--------------------|------------------|-------------------|------|
| Brand | Variety | Yield Bu/A. | Lodging | Plant Height (ins.) | Sussex County Double Crop Site | Selbyville Site | New Castle County Site | New Castle County Double Crop Site | Sussex County Site | Kent County Site | Yield Avg. Bu/A. | Rank |
| ASGROW | AG3803 | 46.0 | 1.3 | 26 | 1 | 12 | 14 | 7 | 14 | 5 | 45 | 6 |
| DYNA-GRO | 37RY39 | 40.8 | 1.3 | 24 | 2 | 16 | 6 | 4 | 2 | 3 | 46 | 3 |
| ASGROW | AG3631 | 39.8 | 1.0 | 23 | 3 | 9 | 10 | 16 | 15 | 10 | 43 | 10 |
| UNISOUTH | USG73F59R | 39.8 | 1.0 | 23 | 4 | 15 | 12 | 12 | 12 | 15 | 43 | 14 |
| SOUTHERN STATES | RT3971N | 39.4 | 1.0 | 24 | 5 | 2 | 11 | 11 | 18 | 2 | 44 | 7 |
| DYNA-GRO | V39N9RR | 39.0 | 1.5 | 23 | 6 | 1 | 3 | 13 | 5 | 18 | 46 | 2 |
| SOUTHERN STATES | SS3910NR2 | 38.8 | 1.8 | 25 | 7 | 17 | 15 | 14 | 10 | 17 | 42 | 18 |
| ASGROW | AG3831 | 38.2 | 1.5 | 23 | 8 | 14 | 9 | 1 | 1 | 7 | 46 | 1 |
| NK | S38-H8 BRAND | 36.7 | 1.0 | 20 | 9 | 6 | 8 | 3 | 7 | 9 | 45 | 5 |
| NK | S39-A3 BRAND | 35.6 | 1.5 | 23 | 10 | 13 | 17 | 6 | 11 | 8 | 43 | 11 |
| SOUTHERN STATES | SSEXP3702R2 | 34.9 | 1.0 | 23 | 11 | 10 | 4 | 9 | 4 | 1 | 45 | 4 |
| UNISOUTH | USG73H77 | 34.4 | 1.3 | 23 | 12 | 7 | 18 | 2 | 16 | 6 | 43 | 13 |
| SOUTHERN STATES | SS3820NR2 | 33.3 | 1.3 | 20 | 13 | 8 | 13 | 10 | 8 | 11 | 43 | 12 |
| SOUTHERN STATES | RT3871N | 33.1 | 1.3 | 22 | 14 | 5 | 1 | 15 | 9 | 14 | 44 | 8 |
| RPM | DB3909RR | 33.0 | 1.0 | 23 | 15 | 11 | 7 | 17 | 13 | 12 | 42 | 15 |
| TA SEEDS | TS3989RS | 30.9 | 1.5 | 24 | 16 | 18 | 2 | 5 | 3 | 13 | 43 | 9 |
| RPM | DB3809RR | 28.2 | 1.3 | 20 | 17 | 3 | 16 | 8 | 17 | 4 | 42 | 17 |
| RPM | DB3519RR | 24.8 | 1.0 | 19 | 18 | 4 | 5 | 18 | 6 | 16 | 42 | 16 |

Statistics

| | | | |
|-------------|------|-----|-----|
| Avg. | 35.9 | 1.2 | 23 |
| L.S.D.(.05) | 8.6 | | 3.8 |
| %C.V. | 16.8 | 32 | 12 |

¹ The bold text and darker shading indicate that the yield of the variety is not statistically different from the top yielding variety

Table . Preliminary Double Crop (Irrigated) RR Soybean Variety Performance Summary
 Research & Education Center (Sussex County) Georgetown, Delaware

| Planted 7/07/10 & Harvested 11/07/10 - Group IV Maturity | | | | | Performance Ranking for | | | | | | 2010 Pooled Sites | |
|--|-------------------|-------------|---------|---------------------|--------------------------------|-----------------|------------------------|------------------------------------|------------------|--------------------|-------------------|------|
| Brand | Variety | Yield Bu/A. | Lodging | Plant Height (ins.) | Sussex County Double Crop Site | Selbyville Site | New Castle County Site | New Castle County Double Crop Site | Kent County Site | Sussex County Site | Yield Avg. Bu/A. | Rank |
| SOUTHERN STATES | 4720NR2 | 41.0 | 1.0 | 23 | 1 | 26 | 31 | 1 | 35 | 34 | 43 | 15 |
| HISOY | HS41A02 | 39.7 | 1.3 | 28 | 2 | 8 | 24 | 24 | 29 | 16 | 44 | 9 |
| USG | USG7495NRS | 39.7 | 1.3 | 25 | 3 | 11 | 13 | 4 | 31 | 24 | 45 | 2 |
| CHANNEL | 4100R2 | 38.6 | 1.0 | 23 | 4 | 29 | 32 | 40 | 24 | 40 | 39 | 35 |
| USG | USG74E88 | 38.0 | 1.0 | 25 | 5 | 24 | 9 | 33 | 26 | 13 | 44 | 13 |
| DYNA GROW | 35X43 | 37.1 | 1.3 | 21 | 6 | 15 | 15 | 23 | 7 | 17 | 44 | 6 |
| CHANNEL | 4700R2 | 36.9 | 1.0 | 23 | 7 | 2 | 28 | 17 | 39 | 14 | 44 | 8 |
| USG | USG74T59 | 36.6 | 1.0 | 27 | 8 | 27 | 37 | 22 | 38 | 23 | 41 | 31 |
| NK | S44-D5 | 35.9 | 1.3 | 23 | 9 | 32 | 29 | 6 | 8 | 20 | 42 | 19 |
| TA SEEDS | TS4299RS | 35.5 | 1.0 | 23 | 10 | 25 | 12 | 39 | 32 | 8 | 43 | 18 |
| ASGROW | AG4303 | 35.0 | 1.0 | 22 | 11 | 16 | 6 | 26 | 4 | 10 | 45 | 4 |
| DYNA GROW | 35RY47 | 34.8 | 1.0 | 22 | 12 | 10 | 26 | 2 | 23 | 26 | 44 | 7 |
| NK | S47-R3 | 34.6 | 1.0 | 26 | 13 | 21 | 30 | 12 | 16 | 29 | 42 | 20 |
| SOUTHERN STATES | RT4996N | 34.6 | 1.0 | 26 | 14 | 9 | 19 | 25 | 41 | 32 | 41 | 27 |
| DYNA GROW | 34RY46 | 33.1 | 1.0 | 21 | 15 | 5 | 33 | 30 | 10 | 35 | 42 | 24 |
| SOUTHERN STATES | RT4777N | 33.0 | 1.0 | 25 | 16 | 1 | 36 | 5 | 22 | 7 | 45 | 3 |
| HISOY | HS47R90 | 32.2 | 1.0 | 24 | 17 | 12 | 21 | 13 | 13 | 11 | 44 | 10 |
| CLARK'S | CL45NRR | 31.8 | 1.3 | 25 | 18 | 30 | 18 | 9 | 40 | 33 | 40 | 33 |
| SOUTHERN STATES | RT4808N | 31.8 | 1.0 | 23 | 19 | 23 | 8 | 14 | 33 | 37 | 41 | 29 |
| SOUTHERN STATES | RT4888N | 31.7 | 1.0 | 23 | 20 | 36 | 40 | 10 | 37 | 18 | 39 | 36 |
| DYNA GROW | 37RY47 | 31.5 | 1.0 | 20 | 21 | 39 | 1 | 11 | 2 | 4 | 44 | 11 |
| CHANNEL | 4500R2 | 31.2 | 1.0 | 21 | 22 | 40 | 34 | 37 | 1 | 36 | 38 | 38 |
| ASGROW | AG4130 | 31.1 | 1.0 | 20 | 23 | 3 | 5 | 31 | 18 | 12 | 45 | 5 |
| NK | S49-A5 | 30.9 | 1.0 | 26 | 24 | 33 | 41 | 3 | 21 | 38 | 38 | 37 |
| USG | USG74B58 | 30.8 | 1.0 | 20 | 25 | 38 | 17 | 16 | 5 | 2 | 43 | 16 |
| SOUTHERN STATES | RT4370N | 29.9 | 1.0 | 25 | 26 | 17 | 16 | 20 | 28 | 28 | 42 | 22 |
| DYNA GROW | 33G48 | 29.9 | 1.0 | 21 | 27 | 35 | 11 | 8 | 27 | 25 | 41 | 30 |
| SOUTHERN STATES | 4700R2 | 29.0 | 1.0 | 22 | 28 | 31 | 22 | 18 | 9 | 41 | 38 | 39 |
| USG | USG74A79R | 28.9 | 1.0 | 21 | 29 | 22 | 35 | 28 | 15 | 39 | 39 | 34 |
| ASGROW | AG4531 | 28.9 | 1.0 | 19 | 30 | 14 | 20 | 36 | 3 | 31 | 42 | 23 |

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| Planted 7/07/10 & Harvested 11/07/10 - Group IV Maturity | | | | | Performance Ranking for | | | | | | 2010 Pooled Sites | |
|--|----------|-------------|---------|---------------------|--------------------------------|-----------------|------------------------|------------------------------------|------------------|--------------------|-------------------|------|
| Brand | Variety | Yield Bu/A. | Lodging | Plant Height (ins.) | Sussex County Double Crop Site | Selbyville Site | New Castle County Site | New Castle County Double Crop Site | Kent County Site | Sussex County Site | Yield Avg. Bu/A. | Rank |
| SOUTHERN STATES | 4510NR2 | 28.6 | 1.0 | 23 | 31 | 13 | 10 | 15 | 34 | 30 | 42 | 21 |
| HISOY | HS42T80 | 28.5 | 1.3 | 20 | 32 | 6 | 3 | 7 | 25 | 3 | 46 | 1 |
| USG | USG74T98 | 28.2 | 1.5 | 27 | 33 | 37 | 38 | 38 | 36 | 27 | 37 | 40 |
| DYNA GROW | V47N8RR | 27.8 | 1.0 | 24 | 34 | 28 | 39 | 29 | 6 | 5 | 41 | 28 |
| RPM | DB4409RR | 27.0 | 1.0 | 25 | 35 | 18 | 4 | 19 | 14 | 21 | 43 | 17 |
| NK | S42-T4 | 26.9 | 1.0 | 25 | 36 | 19 | 23 | 34 | 30 | 22 | 41 | 32 |
| ASGROW | AG4031 | 26.7 | 1.0 | 18 | 37 | 20 | 7 | 41 | 11 | 15 | 42 | 25 |
| SOUTHERN STATES | RT4710N | 24.1 | 1.0 | 19 | 38 | 41 | 25 | 35 | 17 | 19 | 37 | 41 |
| HISOY | HS476 | 23.1 | 1.0 | 17 | 39 | 34 | 27 | 32 | 12 | 1 | 42 | 26 |
| SOUTHERN STATES | RT4470N | 23.0 | 1.0 | 17 | 40 | 4 | 14 | 27 | 20 | 6 | 44 | 12 |
| CLARK'S | CL422NRR | 20.8 | 1.0 | 19 | 41 | 7 | 2 | 21 | 19 | 9 | 43 | 14 |

Statistics

| | | | |
|-------------|------|-----|-----|
| Avg. | 31.6 | 1.1 | 23 |
| L.S.D.(.05) | 9.2 | | 5.1 |
| %C.V. | 20.1 | 21 | 15 |

¹The bold text and darker shading indicate that the yield of the variety is not statistically different from the top yielding variety