

Table 6. Irrigated Corn Hybrid Performance Summary
 Research & Education Center (Sussex County) Georgetown, Delaware

| Planted 4/24/07 & Harvested 9/17/07 - Early Hybrids | | | | | | Performance Ranking for | | | Irrigated Pooled Sites | | |
|---|-------------------|--------------|------------|-----------------|------------|-------------------------|--------------------|----------------------|-----------------------------|------------------|------|
| Brand | Variety | Yield Bu/A. | % Moisture | Yield/ Moisture | Final Pop. | Sussex County Irrigated | Magnolia Irrigated | Kent County Dry Land | Kent Site 2-Year Avg. Bu/A. | Yield Avg. Bu/A. | Rank |
| DOEBLER'S | 648ARB | 237.2 | 20.3 | 11.7 | 28125 | 1 | 10 | 19 | | 204 | 3 |
| AUGUSTA | A-06-07BT | 232.2 | 19.5 | 12.0 | 27500 | 2 | 6 | 11 | | 204 | 4 |
| AUGUSTA | 3387RRCB | 228.1 | 20.8 | 11.0 | 27000 | 3 | 1 | 12 | 198 | 209 | 1 |
| TRISLER | T-5A01RRCB | 225.5 | 18.2 | 12.4 | 29375 | 4 | 2 | 7 | | 207 | 2 |
| AUGUSTA | 05-30PLRR | 224.4 | 21.1 | 10.6 | 28750 | 5 | 8 | 3 | 208 | 199 | 6 |
| DOEBLER'S | 660BWR | 223.9 | 19.9 | 11.3 | 27625 | 6 | 12 | 6 | | 196 | 8 |
| TRISLER | T-6A02RRCB | 221.0 | 20.5 | 10.8 | 29625 | 7 | 3 | 8 | | 203 | 5 |
| AUGUSTA | 5160CB | 220.1 | 19.7 | 11.2 | 28625 | 8 | 19 | 16 | 199 | 187 | 16 |
| AUGUSTA | 5231CB | 219.6 | 20.7 | 10.6 | 27875 | 9 | 7 | 2 | | 197 | 7 |
| AUGUSTA | 5175CB | 219.5 | 20.1 | 10.9 | 27250 | 10 | 13 | 9 | 199 | 194 | 11 |
| AUGUSTA | A-07-09 | 218.6 | 21.9 | 10.0 | 28000 | 11 | 14 | 17 | | 191 | 14 |
| SOUTHERN STATES | SS 647VT3 | 215.9 | 19.7 | 10.9 | 29000 | 12 | 17 | 15 | | 186 | 17 |
| HYTEST | HT 7428 | 215.6 | 15.8 | 13.7 | 29875 | 13 | 9 | 4 | | 194 | 10 |
| TA SEEDS | TA 678-13 | 215.4 | 19.9 | 10.9 | 24875 | 14 | 11 | 20 | | 193 | 12 |
| SOUTHERN STATES | SS 574RR2YGCB | 214.8 | 20.2 | 10.6 | 28500 | 15 | 15 | 14 | | 188 | 15 |
| TA SEEDS | TA 607-11 | 213.4 | 19.3 | 11.0 | 25875 | 16 | 5 | 5 | | 195 | 9 |
| NK | N 48-R3 | 208.6 | 14.5 | 14.4 | 27625 | 17 | 16 | 1 | 190 | 183 | 18 |
| AUGUSTA | 5234PLRR | 202.5 | 20.3 | 10.0 | 28125 | 18 | 4 | 18 | 189 | 192 | 13 |
| AUGUSTA | A-06-05GT | 198.6 | 17.2 | 11.6 | 25250 | 19 | 18 | 10 | 183 | 176 | 19 |
| AUGUSTA | A-06-11HX | 198.2 | 19.2 | 10.3 | 27000 | 20 | 20 | 13 | 189 | 168 | 20 |
| Statistics | Avg. | 217.7 | 19.4 | 11.3 | 27794 | | | | | | |
| | L.S.D.(.05) | 16.6 | 0.6 | 0.9 | 2077.5 | | | | | | |
| | %C.V. | 5.4 | 2.2 | 5.7 | 5.3 | | | | | | |

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

Table 9. Irrigated Corn Hybrid Performance Summary
 Research & Education Center (Sussex County) Georgetown, Delaware

| Planted 4/24/07 & Harvested 9/17/07 - Early-Medium Hybrids | | | | | | Performance Ranking for | | | | Irrigated Pooled Sites | |
|--|----------------------------|--------------|------------|----------------|------------|-------------------------|--------------------|----------------------|-----------------------------|------------------------|------|
| Brand | Variety | Yield Bu/A. | % Moisture | Yield/Moisture | Final Pop. | Sussex County Irrigated | Magnolia Irrigated | Kent County Dry Land | Kent Site 2-Year Avg. Bu/A. | Yield Avg. Bu/A. | Rank |
| DEKALB | DKC 61-73(RR2/YGCB) | 245.8 | 20.6 | 12.0 | 28500 | 1 | 2 | 22 | | 240 | 1 |
| HYTEST | HT 75-50 | 240.3 | 23.6 | 10.2 | 29375 | 2 | 8 | 5 | | 234 | 2 |
| DEKALB | DKC 64-23(RR2/YGRW) | 230.4 | 21.6 | 10.7 | 29000 | 3 | 12 | 4 | | 226 | 7 |
| NK | N 68-B8 | 227.3 | 19.6 | 11.6 | 28625 | 4 | 4 | 7 | 221 | 230 | 3 |
| DEKALB | DKC 63-42(VT3) | 224.3 | 20.5 | 10.9 | 29375 | 5 | 2 | 13 | | 230 | 4 |
| AUGUSTA | A-06-08HX | 224.0 | 20.7 | 10.8 | 28750 | 6 | 16 | 18 | | 220 | 13 |
| CLARKS | CL 912BTRR | 223.8 | 21.8 | 10.3 | 27625 | 7 | 11 | 14 | | 224 | 9 |
| DEKALB | DKC 61-22(RR2) | 222.5 | 20.2 | 11.0 | 30000 | 8 | 6 | 2 | | 227 | 5 |
| DOEBLER'S | 660BWR | 221.4 | 20.0 | 11.1 | 26750 | 9 | 25 | 1 | | 214 | 15 |
| TA SEEDS | TA 788-11 | 220.3 | 22.4 | 9.8 | 24375 | 10 | 9 | 28 | | 223 | 10 |
| TRISLER | T-7N54RRCB | 220.1 | 22.8 | 9.7 | 29000 | 11 | 28 | 21 | | 210 | 21 |
| AUGUSTA | 5262PLRR | 217.9 | 20.5 | 10.7 | 30250 | 12 | 10 | 26 | | 221 | 12 |
| CLARK'S | CL 911BTRR | 217.6 | 19.6 | 11.1 | 28750 | 13 | 23 | 3 | | 213 | 16 |
| DEKALB | RX 754(RR2/YGPL) | 216.4 | 21.8 | 9.9 | 30375 | 14 | 13 | 15 | | 219 | 14 |
| TRISLER | T-7A01RR | 215.7 | 21.4 | 10.1 | 28250 | 15 | 7 | 20 | | 222 | 11 |
| GROWMARK FS | FS 6277XRR | 215.7 | 19.4 | 11.1 | 29875 | 16 | 5 | 12 | | 224 | 8 |
| GROWMARK FS | FS 6241XRR | 213.4 | 21.9 | 9.8 | 28750 | 17 | 20 | 17 | | 213 | 19 |
| DOEBLER'S | 648ARB | 212.5 | 20.4 | 10.5 | 28250 | 18 | 1 | 6 | | 227 | 6 |
| GROWMARK FS | FS 6474XRR | 210.6 | 21.0 | 10.1 | 27625 | 19 | 24 | 27 | | 209 | 23 |
| NK | N 60-G5 | 210.3 | 17.9 | 11.7 | 27875 | 20 | 17 | 23 | | 213 | 18 |
| TA SEEDS | TA 688-11 | 210.0 | 20.6 | 10.2 | 29125 | 21 | 22 | 19 | | 210 | 22 |
| SOUTHERN STATES | SS 686RR2YGCB | 210.0 | 21.1 | 10.0 | 29250 | 22 | 26 | 9 | | 208 | 24 |
| GROWMARK FS | FS 6363XRR | 208.0 | 21.6 | 9.7 | 28750 | 23 | 30 | 25 | 201 | 201 | 30 |
| SOUTHERN STATES | EXP. 95048 | 207.0 | 21.4 | 9.7 | 28750 | 24 | 29 | 30 | | 203 | 29 |
| DEKALB | DKC 57-47(RR2) | 206.2 | 19.6 | 10.6 | 27375 | 25 | 14 | 9 | | 213 | 17 |
| SOUTHERN STATES | SS 661VT3 | 205.4 | 21.7 | 9.5 | 28875 | 26 | 15 | 24 | | 212 | 20 |
| AUGUSTA | 06-04HX | 203.3 | 22.1 | 9.2 | 28000 | 27 | 27 | 8 | | 203 | 28 |
| AUGUSTA | 5245CB | 202.8 | 24.6 | 8.3 | 27375 | 28 | 21 | 29 | | 207 | 25 |
| AUGUSTA | 03-84PLRR | 198.2 | 20.8 | 9.6 | 27500 | 29 | 18 | 11 | | 207 | 26 |
| TA SEEDS | TA 678-13 | 196.6 | 19.9 | 9.9 | 24250 | 30 | 19 | 16 | | 205 | 27 |
| Statistics | Avg. | 215.9 | 21.0 | 10.3 | 28354 | | | | | | |
| | L.S.D.(.05) | 16.7 | 0.9 | 0.9 | 2556.7 | | | | | | |

Table 9. Irrigated Corn Hybrid Performance Summary
 Research & Education Center (Sussex County) Georgetown, Delaware

| Planted 4/24/07 & Harvested 9/17/07 - Early-Medium Hybrids | | | | | | Performance Ranking for | | | Irrigated Pooled Sites | | |
|--|---------|-------------|------------|-----------------|------------|-------------------------|--------------------|----------------------|-----------------------------|------------------|------|
| Brand | Variety | Yield Bu/A. | % Moisture | Yield/ Moisture | Final Pop. | Sussex County Irrigated | Magnolia Irrigated | Kent County Dry Land | Kent Site 2-Year Avg. Bu/A. | Yield Avg. Bu/A. | Rank |
| | %C.V. | 5.5 | 3.0 | 6.3 | 6.4 | | | | | | |

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

Table 12. Irrigated Corn Hybrid Performance Summary
 Research & Education Center (Sussex County) Georgetown, Delaware

| Planted 4/24/07 & Harvested 9/17/07 - Medium/Medium-Late Hybrids | | | | | | Performance Ranking for | | | Irrigated Pooled Sites | | |
|--|-------------------|--------------|------------|-----------------|------------|-------------------------|--------------------|----------------------|-----------------------------|------------------|------|
| Brand | Variety | Yield Bu/A. | % Moisture | Yield/ Moisture | Final Pop. | Sussex County Irrigated | Magnolia Irrigated | Kent County Dry Land | Kent Site 2-Year Avg. Bu/A. | Yield Avg. Bu/A. | Rank |
| AUGUSTA | A07-08 | 233.7 | 23.9 | 9.8 | 29250 | 1 | 1 | 8 | | 240 | 1 |
| TA SEEDS | TA 780-01 | 231.1 | 22.9 | 10.1 | 28250 | 2 | 2 | 3 | | 238 | 2 |
| ADLER | 9050RRBT | 230.3 | 23.5 | 9.8 | 28625 | 3 | 5 | 2 | | 235 | 3 |
| DOEBLER'S | 856XRR | 228.1 | 25.5 | 9.0 | 27375 | 4 | 7 | 21 | | 233 | 5 |
| AUGUSTA | A07-007 | 227.4 | 23.1 | 9.9 | 27375 | 5 | 3 | 1 | | 235 | 4 |
| NK | N 75-A4 | 226.4 | 22.3 | 10.2 | 28625 | 6 | 8 | 19 | | 231 | 7 |
| AUGUSTA | 06-06 | 223.1 | 21.5 | 10.4 | 25750 | 7 | 12 | 15 | 216 | 226 | 9 |
| TRISLER | T-8A03PLRR | 222.8 | 22.8 | 9.8 | 28625 | 8 | 6 | 11 | | 231 | 8 |
| CLARK'S | CL 1015PLR | 221.3 | 23.1 | 9.6 | 29125 | 9 | 4 | 17 | | 231 | 6 |
| ADLER | 8140RRBT | 220.3 | 23.4 | 9.4 | 28750 | 10 | 14 | 5 | | 223 | 12 |
| TRISLER | T-8N52CB | 219.4 | 21.7 | 10.1 | 28125 | 11 | 18 | 10 | | 219 | 17 |
| AUGUSTA | A06-09HX | 217.7 | 22.9 | 9.5 | 29625 | 12 | 10 | 12 | 202 | 224 | 11 |
| ADLER | 3545RRPT | 217.4 | 19.9 | 11.0 | 27750 | 13 | 16 | 7 | | 220 | 15 |
| TA SEEDS | TA 777-11 | 216.0 | 21.4 | 10.1 | 29250 | 14 | 11 | 13 | | 223 | 13 |
| AUGUSTA | 06-02HX | 215.2 | 24.6 | 8.7 | 28500 | 15 | 9 | 16 | 205 | 224 | 10 |
| AUGUSTA | A04-102CB | 213.9 | 24.8 | 8.6 | 26500 | 16 | 13 | 18 | | 220 | 14 |
| DOEBLER'S | 786BWR | 213.3 | 22.8 | 9.4 | 27625 | 17 | 15 | 14 | | 220 | 16 |
| HYTEST | HT 7806 | 207.3 | 23.9 | 8.7 | 27750 | 18 | 21 | 4 | | 208 | 19 |
| DOEBLER'S | 660BWR | 207.3 | 20.0 | 10.4 | 26625 | 19 | 19 | 9 | | 213 | 18 |
| AUGUSTA | 06-10HX | 198.0 | 21.4 | 9.2 | 28625 | 20 | 17 | 6 | 193 | 208 | 20 |
| SOUTHERN STATES | SS 783RR2YGCB | 196.3 | 24.6 | 8.0 | 28250 | 21 | 20 | 20 | | 207 | 21 |
| Statistics | Avg. | 218.4 | 22.8 | 9.6 | 28113 | | | | | | |
| | L.S.D.(.05) | 17.4 | 0.5 | 0.8 | 2018.1 | | | | | | |
| | %C.V. | 5.6 | 1.6 | 5.8 | 5.1 | | | | | | |

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