

| Trial | Variable | R-Square | Coeff Var | Root MSE | Mean | LSD | |
|--------------|-------------|----------------|---------------|----------------|---------------|--------------|-------------|
| BROOKS GRAIN | YIELD | 0.54 | 7.25 | 819.30 | 11305.26 | 1307.40 | |
| BROOKS GRAIN | ANTHESIS | 0.91 | 0.43 | 0.85 | 197.05 | 1.23 | |
| BROOKS GRAIN | SILKING | 0.90 | 0.43 | 0.86 | 201.02 | 1.24 | |
| BROOKS GRAIN | TEST WEIGHT | 0.79 | 1.57 | 1.11 | 70.53 | 1.60 | |
| BROOKS GRAIN | MOISTURE | 0.69 | 9.20 | 2.47 | 26.86 | 3.57 | |
| | | | | | | | |
| | | | | | | | |
| Company | Hybrid | Anthesis (10%) | Silking (50%) | Yield (g/plot) | Yield (bu/ac) | Moisture (%) | TWT (kg/hi) |
| Pioneer | 39M26 | 18-Jul-06 | 22-Jul-06 | 11453.9 | 199.6 | 23.3 | 71.2 |
| Pioneer | 39F45 | 11-Jul-06 | 15-Jul-06 | 10274.3 | 179.0 | 23.8 | 71.1 |
| Hyland | HL R206 | 15-Jul-06 | 19-Jul-06 | 10829.5 | 188.7 | 24.3 | 69.6 |
| Maizex | EX 1261 | 16-Jul-06 | 20-Jul-06 | 11212.6 | 195.4 | 24.5 | 69.0 |
| Hyland | HL 2093 | 17-Jul-06 | 21-Jul-06 | 10886.7 | 189.7 | 24.8 | 69.0 |
| Elite | 30A27 RR | 16-Jul-06 | 20-Jul-06 | 10350.9 | 180.4 | 25.1 | 68.6 |
| Syngenta | N05-C7 | 19-Jul-06 | 21-Jul-06 | 11391.6 | 198.5 | 25.4 | 73.2 |
| Pioneer | 39P78 | 15-Jul-06 | 19-Jul-06 | 10309.6 | 179.7 | 25.7 | 72.6 |
| Maizex | EX 1264 | 11-Jul-06 | 15-Jul-06 | 12215.5 | 212.9 | 26.1 | 68.8 |
| Syngenta | N06-C1 | 16-Jul-06 | 20-Jul-06 | 12114.1 | 211.1 | 26.7 | 67.8 |
| Hyland | Bixxio RR | 17-Jul-06 | 21-Jul-06 | 11584.7 | 201.9 | 28.8 | 72.0 |
| Maizex | EX 1263 | 18-Jul-06 | 21-Jul-06 | 13091.0 | 228.1 | 29.6 | 72.3 |
| Maizex | MZ 115 | 17-Jul-06 | 21-Jul-06 | 11422.0 | 199.0 | 29.9 | 68.8 |
| Maizex | EX 1265 | 15-Jul-06 | 19-Jul-06 | 11336.8 | 197.6 | 32.5 | 71.5 |
| MTI Maize | 6MA06 | 16-Jul-06 | 22-Jul-06 | 11552.3 | 201.3 | 33.4 | 73.0 |



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