

| Trial | Variable | R-Square | Coeff Var | Root MSE | Mean | LSD | | |
|-----------------|-------------|----------------|---------------|----------------|---------------|--------------|-------------|--|
| BI GRAIN | YIELD | 0.75 | 9.12 | 746.56 | 8187.28 | 1107.60 | | |
| BI GRAIN | ANTHESIS | 0.89 | 0.68 | 1.40 | 205.19 | 1.99 | | |
| BI GRAIN | SILKING | 0.93 | 0.83 | 1.67 | 202.27 | 2.37 | | |
| BI GRAIN | TEST WEIGHT | 0.87 | 1.80 | 1.22 | 67.69 | 1.75 | | |
| BI GRAIN | MOISTURE | 0.95 | 3.38 | 1.06 | 31.19 | 1.49 | | |
| | | | | | | | | |
| | | | | | | | | |
| Company | Hybrid | Anthesis (10%) | Silking (50%) | Yield (g/plot) | Yield (bu/ac) | Moisture (%) | TWT (kg/hl) | |
| Pickseed | 2230 RR | 23-Jul-07 | 19-Jul-07 | 8004.9 | 139.5 | 27.7 | 67.3 | |
| Hyland | HL 2093 | 23-Jul-07 | 19-Jul-07 | 8214.4 | 143.1 | 27.8 | 66.7 | |
| Monsanto | DKC26-78 | 20-Jul-07 | 16-Jul-07 | 9449.5 | 164.7 | 27.9 | 69.6 | |
| Pioneer | 39F57 | 25-Jul-07 | 25-Jul-07 | 8751.9 | 152.5 | 28.3 | 67.7 | |
| Elite | 30A27 RR | 21-Jul-07 | 17-Jul-07 | 7583.1 | 132.1 | 28.5 | 67.1 | |
| Pioneer | 39B63 | 25-Jul-07 | 23-Jul-07 | 7544.3 | 131.5 | 29.2 | 67.1 | |
| Pioneer | 39M26 | 24-Jul-07 | 20-Jul-07 | 8984.0 | 156.6 | 29.2 | 69.2 | |
| Hyland | HL R208 | 24-Jul-07 | 20-Jul-07 | 7347.7 | 128.0 | 29.3 | 67.9 | |
| Pioneer | 39F45 | 18-Jul-07 | 12-Jul-07 | 6789.8 | 118.3 | 29.4 | 69.1 | |
| Maizex | EX 1271RR | 17-Jul-07 | 11-Jul-07 | 9474.1 | 165.1 | 30.4 | 72.0 | |
| Maizex | MZ 115 | 21-Jul-07 | 16-Jul-07 | 8962.9 | 156.2 | 30.7 | 64.8 | |
| Syngenta | N05-C7 | 25-Jul-07 | 21-Jul-07 | 8805.7 | 153.5 | 30.7 | 71.0 | |
| Pickseed | 2240 RR | 24-Jul-07 | 20-Jul-07 | 8567.8 | 149.3 | 31.0 | 71.1 | |
| Seeds 2000 | 2781RR | 25-Jul-07 | 27-Jul-07 | 8862.4 | 154.4 | 31.3 | 65.4 | |
| Syngenta | N06-C1 | 24-Jul-07 | 20-Jul-07 | 7800.4 | 135.9 | 31.7 | 66.5 | |
| Prairie Pacific | PP2146 | 23-Jul-07 | 22-Jul-07 | 9241.9 | 161.1 | 32.7 | 67.1 | |
| Croplan | 229BtRR | 27-Jul-07 | 26-Jul-07 | 8256.9 | 143.9 | 32.9 | 65.5 | |
| Prairie Pacific | PPX075 | 29-Jul-07 | 28-Jul-07 | 7704.2 | 134.3 | 33.9 | 67.1 | |
| Prairie Pacific | PPX84 | 29-Jul-07 | 27-Jul-07 | 8819.4 | 153.7 | 33.9 | 60.0 | |
| Pickseed | 23729 BtRR | 25-Jul-07 | 21-Jul-07 | 7896.7 | 137.6 | 34.0 | 71.7 | |