

Performance and characteristics of Roundup Ready soybean varieties, northern zone; Crookston, Moorhead and Shelly, 2003-2005.

| Variety | Brand or Originator | Maturity Date | Yield, Percent of Mean | | | Percent of Mean | | Maturity Rating | Phytophthora Gene | Chlorosis Score |
|----------------|----------------------|---------------|------------------------|-----------|-----------|-----------------|-------|-----------------|-------------------|-----------------|
| | | | 2003-2005 | 2004-2005 | 2005 | Protein | Oil | | | |
| AG00603 | Asgrow | 9-12 | - | - | 81 | 96 | 100 | 0.06 | Rps1 | 1.8 |
| T-0111RR | Thompson Seeds | 9-14 | - | - | 94 | 102 | 105 | 0.1 | S | 2.2 |
| 90M01 | Pioneer Brand | 9-14 | - | - | 90 | 102 | 104 | 0.0 | Rps1k | 2.0 |
| RR Ramsey | Hyland Seeds | 9-15 | 96 | 94 | 94 | 108 | 104 | 00.5 | S | 2.5 |
| 0051RR | Seeds 2000 | 9-15 | - | - | 92 | 105 | 101 | 00.5 | S | 2.0 |
| RG200 | Rough Rider Genetics | 9-15 | 97 | 99 | 90 | 106 | 98 | 0.0 | Rps1 | 2.0 |
| PB-00845RR | Prairie Brand | 9-17 | - | - | 106 | 99 | 105 | 00.8 | Rps1k | 2.3 |
| DSR-0501/RRSTS | Dairyland | 9-17 | - | - | 103 | 101 | 103 | 0.5 | S | 2.3 |
| K-009+RR | Kruger | 9-17 | - | - | 103 | 103 | 103 | 0.09 | S | 1.8 |
| 26009RR | Thunder | 9-17 | - | - | 103 | 103 | 101 | 00.9 | S | 1.8 |
| PB-00965RR | Prairie Brand | 9-17 | - | - | 100 | 105 | 105 | 00.9 | S | 2.5 |
| DKB009-51 | Dekalb | 9-17 | - | - | 89 | 102 | 102 | 0.09 | N | 1.8 |
| DSR-C900/RR | Dairyland | 9-17 | - | - | 87 | 98 | 102 | 00.0 | S | 1.3 |
| X402R | NK Brand | 9-18 | - | - | 103 | 106 | 100 | 0.2 | S | 2.5 |
| W20092RR | Wensman | 9-18 | - | - | 103 | 102 | 104 | 00.9 | S | 1.5 |
| RR Royal | Hyland Seeds | 9-18 | - | - | 102 | 105 | 103 | 00.9 | S | 2.7 |
| 2502RR | Thunder | 9-18 | - | - | 98 | 102 | 101 | 0.2 | S | 1.0 |
| PB-0234RR | PBR | 9-18 | - | 98 | 92 | 99 | 102 | 0.2 | S | 2.3 |
| 0502RR | Peterson Farms | 9-18 | - | - | 91 | 101 | 101 | 0.2 | S | 2.0 |
| SX05203 | Dyna-Gro | 9-19 | - | - | 106 | 101 | 100 | 0.3 | Rps1k | 1.7 |
| E34254RR | Top Farm | 9-19 | - | - | 103 | 97 | 104 | 0.2 | S | 1.8 |
| RR40-20 | Proseed | 9-19 | - | - | 99 | 97 | 101 | 0.2 | S | 2.2 |
| PB-00943RR | PBR | 9-19 | - | 98 | 97 | 104 | 101 | 0.1 | Rps1k | 1.8 |
| 31F02 | Dyna-Gro | 9-19 | - | - | 96 | 98 | 105 | 0.2 | S | 1.8 |
| K-033RR | Kruger | 9-20 | - | - | 107 | 102 | 102 | 0.3 | S | 2.5 |
| W2020RR | Wensman | 9-20 | - | - | 103 | 101 | 102 | 0.2 | S | 1.5 |
| T-0121+RR | Thompson Seeds | 9-20 | - | - | 102 | 96 | 98 | 0.1 | S | 2.8 |
| M-025RR | Mustang | 9-20 | - | 95 | 87 | 97 | 106 | 0.2 | S | 2.3 |
| 6002RR | Top Farm | 9-20 | - | - | 86 | 103 | 99 | 0.00 | S | 2.5 |
| AG0301 | Asgrow | 9-21 | 107 | 110 | 110 | 98 | 101 | 0.3 | Rps1k | 1.8 |
| S04-29 | NK Brand | 9-21 | - | - | 108 | 105 | 100 | 0.4 | S | 2.0 |
| W2040RR | Wensman | 9-21 | - | - | 108 | 101 | 105 | 0.4 | Rps1k | 1.5 |
| 90M20 | Pioneer Brand | 9-21 | - | 104 | 103 | 99 | 102 | 0.2 | Rps1k | 2.2 |
| RR Reliant | Hyland Seeds | 9-21 | - | - | 100 | 105 | 102 | 0.3 | S | 2.0 |
| RR20-11 | Proseed | 9-21 | 92 | 98 | 96 | 102 | 103 | 0.1 | Rps1k | 2.8 |
| DSR-0401/RR | Dairyland | 9-22 | - | - | 110 | 105 | 104 | 0.4 | S | 2.0 |
| T-0222+RR | Thompson Seeds | 9-22 | - | - | 106 | 100 | 106 | 0.2 | Rps1 | 1.7 |
| AG0202 | Asgrow | 9-22 | - | - | 103 | 101 | 100 | 0.2 | Rps1k | 2.3 |
| Exp.24104R | Ziller | 9-22 | - | - | 103 | 101 | 100 | 0.3 | S | 2.0 |
| RR50-30 | Proseed | 9-23 | - | - | 99 | 100 | 102 | 0.3 | Rps1k | 3.3 |
| SOI0660RR | Sands of Iowa | 9-23 | - | - | 98 | 101 | 104 | 0.6 | Rps1k | 2.8 |
| K-020RR | Kruger | 9-23 | - | - | 95 | 102 | 101 | 0.2 | S | 2.0 |
| NT-0515RR | NuTech | 9-24 | - | - | 114 | 103 | 99 | 0.3 | S | 2.0 |
| NT-0525RR | NuTech | 9-24 | - | - | 111 | 101 | 101 | 0.3 | S | 1.8 |
| NT-0606RR | NuTech | 9-24 | - | 103 | 105 | 103 | 104 | 0.3 | S | 2.3 |
| 6020RR | Top Farm | 9-24 | - | - | 98 | 99 | 104 | 0.2 | S | 1.7 |
| SOI0452RR | Sands of Iowa | 9-24 | - | - | 96 | 106 | 98 | 0.4 | S | 1.8 |
| M-036RR | Mustang | 9-24 | - | - | 95 | 98 | 100 | 0.3 | N | 1.5 |
| RR Rugged | Hyland Seeds | 9-24 | - | 89 | 87 | 102 | 106 | 0.3 | S | 3.0 |
| RS035RR | Renk | 9-25 | - | - | 110 | 100 | 101 | 0.3 | S | 1.5 |
| PB-0554RR | Prairie Brand | 9-26 | - | 110 | 114 | 103 | 98 | 0.4 | S | 1.8 |
| SOI0547RR | Sands of Iowa | 9-26 | - | - | 114 | 101 | 101 | 0.5 | S | 2.5 |
| W2064RR | Wensman | 9-26 | - | - | 112 | 103 | 100 | 0.6 | S | 1.7 |
| M-055RR | Mustang | 9-26 | - | 108 | 110 | 103 | 99 | 0.5 | S | 1.8 |
| 0305RR | Peterson Farms | 9-26 | 105 | 105 | 107 | 102 | 100 | 0.5 | S | 1.8 |
| NT-0616RR | NuTech | 9-27 | - | - | 116 | 99 | 101 | 0.3 | Rps1 | 1.8 |
| M-066RR | Mustang | 9-27 | - | - | 112 | 99 | 101 | 0.6 | Rps1 | 2.8 |
| PB-0565RR | Prairie Brand | 9-28 | - | - | 115 | 99 | 100 | 0.5 | S | 2.8 |
| RR20-40 | Proseed | 9-28 | - | - | 111 | 100 | 103 | 0.4 | N | 2.3 |
| 0506RR | Peterson Farms | 9-30 | - | - | 114 | 100 | 106 | 0.5 | Rps6 | 2.3 |
| Mean | | 9-21 | 40.7 bu/a | 43.6 bu/a | 49.0 bu/a | 33.3% | 18.7% | | | |
| LSD 20% | | | 5% | 6% | 6% | | | | | |