

Performance and characteristics of Roundup Ready soybean varieties, southern zone;
Jackson, Lambertson and Waseca, 2005-2007.

| Variety or Brand | Originator | Maturity Date | Yield, Percent of Mean | | | Percent of Mean | | Maturity Rating | Phytophthora Gene | Chlorosis Score |
|---------------------|----------------|------------------|------------------------|-----------|-----------|-----------------|-------|--------------------|----------------------|--------------------|
| | | | 2005-2007 | 2006-2007 | 2007 | Protein | Oil | | | |
| MN1504RR | Minnesota AES | 9-16 | - | 85 | 76 | 103 | 101 | 1.5 | Rps1k | 2.8 |
| 152CNR | Anderson Seeds | 9-19 | - | 99 | 100 | 98 | 101 | 1.5 | S | 3.2 |
| 181CNR | Anderson Seeds | 9-19 | - | 110 | 96 | 92 | 107 | 1.7 | Rps1k | 3.5 |
| SD1161RR/SCN | Sodak Genetics | 9-19 | - | - | 93 | 101 | 92 | 1.6 | Rps1 | 3.5 |
| RS187NRR | Renk Seed | 9-20 | - | - | 109 | 97 | 105 | 1.8 | Rps1k | 3.5 |
| K-201RR/SCN | Kruger | 9-20 | - | 102 | 106 | 100 | 101 | 2.0 | Rps1c | 3.4 |
| 7174N | Farm Advantage | 9-20 | - | - | 104 | 103 | 97 | 1.7 | S | 3.5 |
| W2172NRR | Wensman | 9-20 | - | - | 104 | 97 | 104 | 1.7 | Rps1k | 3.2 |
| PB-1885NRR | Prairie Brand | 9-20 | - | 104 | 102 | 97 | 105 | 1.8 | Rps1k | 3.3 |
| NT-1808RR/SCN | Nutech | 9-20 | - | - | 101 | 101 | 101 | 1.8 | Rps1c | 3.7 |
| AG1702 | Asgrow | 9-20 | - | 98 | 95 | 101 | 100 | - | Rps1k | 2.4 |
| 2166 | Trelay | 9-20 | - | - | 92 | 98 | 103 | 1.6 | Rps1k# | 3.0 |
| PB-1607RR | Sangaard | 9-20 | - | - | 92 | 99 | 98 | 1.6 | Rps1k# | 3.3 |
| PB-1725RR | PBR | 9-20 | 97 | 97 | 91 | 100 | 99 | 1.8 | Rps1k | 3.7 |
| MN1803RR | Minnesota AES | 9-20 | 91 | 95 | 89 | 103 | 99 | 1.8 | Rps1 | 3.3 |
| K-170RR/SCN | Kruger | 9-21 | - | - | 109 | 103 | 95 | - | S | 3.7 |
| 7194N | Farm Advantage | 9-21 | - | - | 108 | 95 | 105 | 1.9 | Rps1c | 3.3 |
| W2200NRR | Wensman | 9-21 | - | - | 107 | 99 | 104 | 2.0 | Rps1c | 3.2 |
| PB-2056NRR | PBR | 9-21 | - | 113 | 107 | 102 | 101 | 2.0 | Rps1c | 3.5 |
| EX19A07 | KSC/Challenger | 9-21 | - | - | 102 | 101 | 97 | 1.6 | - | 3.5 |
| NT-1717RR/SCN | Agsource | 9-21 | - | - | 101 | 98 | 101 | 1.7 | Rps1k | 3.3 |
| KY2107RN | KSC/Challenger | 9-21 | - | - | 97 | 103 | 101 | 2.3 | - | 3.9 |
| 92M02 | Pioneer Brand | 9-21 | - | 98 | 96 | 98 | 103 | 2.0 | Rps1k | 3.3 |
| BT 7208NR | Ziller | 9-22 | - | - | 108 | 99 | 104 | 2.0 | Rps1c | 3.3 |
| PB-2007NRR | Sangaard | 9-22 | - | - | 106 | 99 | 104 | 2.0 | Rps1c | 3.2 |
| 92M21 | Pioneer Brand | 9-22 | - | - | 104 | 96 | 107 | 2.2 | Rps1k | 3.4 |
| W2195NRR | Wensman | 9-22 | - | - | 103 | 99 | 101 | 1.9 | Rps1k | 3.2 |
| AG2222V | Asgrow | 9-22 | - | - | 103 | 100 | 103 | 2.2 | Rps1c# | 3.3 |
| 2088NRR | Viking | 9-22 | - | - | 102 | 98 | 103 | 2.0 | Rps1c | 3.7 |
| KY2027RN | KSC/Challenger | 9-22 | - | - | 102 | 98 | 99 | 2.2 | - | 3.2 |
| K-194RR | KSC/Challenger | 9-22 | - | - | 101 | 99 | 100 | 1.9 | Rps1k | 3.3 |
| 7211 | Farm Advantage | 9-22 | - | - | 100 | 102 | 97 | 2.1 | S | 3.3 |
| NT-6175 | Agsource | 9-22 | - | - | 99 | 101 | 99 | 1.7 | S | 3.8 |
| 191CNR | Anderson Seeds | 9-22 | 103 | 103 | 98 | 93 | 103 | 1.9 | Rps1k | 3.3 |
| RS217RR | Renk Seed | 9-22 | - | - | 98 | 106 | 98 | 2.1 | S | 3.8 |
| PB-2147RR | Prairie Brand | 9-22 | - | - | 90 | 103 | 96 | 2.1 | S | 2.8 |
| PB-2117NRR | PBR | 9-23 | - | - | 111 | 99 | 99 | 2.1 | Rps1k# | 3.2 |
| E2285R | Latham | 9-23 | - | - | 111 | 97 | 101 | 2.2 | Rps1k | 3.3 |
| E1983R | Latham Farms | 9-23 | - | - | 109 | 97 | 105 | 1.9 | Rps1c | 3.0 |
| ADV22A08CR | Advantage | 9-23 | - | - | 108 | 102 | 93 | 2.2 | Rps1k | 3.7 |
| NT-7222 | Nutech | 9-23 | - | - | 108 | 99 | 101 | 2.2 | Rps1k | 3.2 |
| M-207RR | Mustang Seeds | 9-23 | - | 105 | 106 | 99 | 98 | 2.0 | Rps1k | 3.0 |
| ADV2214R | Advantage | 9-23 | - | 102 | 105 | 98 | 98 | 2.2 | Rps1k | 3.2 |
| PB-2297NRR | Sangaard | 9-23 | - | - | 105 | 103 | 98 | 2.2 | Rps1k | 3.2 |
| PB-2207NRR | PBR | 9-23 | - | - | 105 | 97 | 101 | 2.2 | Rps1k | 3.5 |
| NT-1991RR | Nutech | 9-23 | - | 105 | 104 | 99 | 98 | 1.9 | Rps1k | 2.9 |
| BT 7217NR | Ziller | 9-23 | - | - | 104 | 101 | 102 | 2.1 | S | 3.4 |
| ADV2141R | Advantage | 9-23 | - | - | 104 | 101 | 97 | 2.1 | Rps1k# | 2.9 |
| AG2108 | Asgrow | 9-23 | - | - | 103 | 101 | 99 | - | - | 3.5 |
| RS247NRR | Renk Seed | 9-23 | - | - | 102 | 104 | 99 | 2.4 | Rps1c# | 3.8 |
| E2348R | Latham Farms | 9-23 | - | - | 102 | 101 | 98 | 2.3 | Rps1k | 2.9 |
| 201CNR | Anderson Seeds | 9-23 | - | - | 101 | 96 | 105 | 2.0 | Rps1c | 3.9 |
| M-237RR | Mustang Seeds | 9-23 | - | - | 99 | 102 | 99 | 2.3 | Rps1k# | 3.3 |
| PB-2183NRR | Prairie Brand | 9-23 | 103 | 104 | 99 | 99 | 101 | 2.0 | Rps1k | 3.4 |
| 7192 | Farm Advantage | 9-23 | 102 | 101 | 97 | 98 | 103 | 1.9 | S | 2.8 |
| RS223RR | Renk Seed | 9-23 | 101 | 99 | 95 | 99 | 101 | 2.2 | Rps1k# | 3.3 |
| DSR-1850/RR/STS | Dairyland | 9-23 | - | - | 95 | 104 | 99 | 1.8 | S | 3.7 |
| 1981RR | Viking | 9-23 | - | - | 94 | 99 | 99 | 1.9 | Rps1k | 3.0 |
| 2157RR | Viking | 9-23 | 101 | 98 | 88 | 99 | 101 | 2.1 | Rps1k# | 3.3 |
| DKB22-52 | Asgrow | 9-23 | - | 93 | 87 | 97 | 101 | 2.2 | S | 3.2 |
| PB-2243RR | Prairie Brand | 9-23 | 99 | 92 | 84 | 100 | 98 | 2.2 | Rps1k | 3.3 |
| K-204RR/SCN | Kruger | 9-24 | - | - | 110 | 95 | 102 | - | S | 3.3 |
| W2222NRR | Wensman | 9-24 | - | - | 108 | 97 | 103 | 2.2 | Rps1k | 2.9 |
| 2368CNRR | Viking | 9-24 | - | - | 100 | 103 | 102 | 2.3 | Rps1c# | 3.5 |
| 2214 | Trelay | 9-24 | - | - | 99 | 97 | 99 | 2.1 | S | 3.2 |
| E2238RV | Latham | 9-24 | - | - | 97 | 105 | 97 | 2.2 | Rps1c | 3.3 |
| 92M32 | Pioneer Brand | 9-24 | 102 | 99 | 94 | 99 | 97 | 2.3 | Rps1k | 3.4 |
| PB-X217NRR | Sangaard | 9-24 | - | - | 89 | 107 | 95 | 2.2 | Rps1c | 3.2 |
| NT-2220RR | Agsource | 9-25 | - | - | 102 | 102 | 95 | 2.2 | S | 3.4 |
| 92M40 | Pioneer Brand | 9-25 | - | - | 99 | 105 | 93 | 2.4 | Rps1c | 3.4 |
| 2233 | Trelay | 9-25 | - | - | 97 | 104 | 98 | 2.3 | S | 2.8 |
| E2338R | Latham | 9-25 | - | - | 97 | 106 | 99 | 2.3 | Rps1k | 3.9 |
| E2246R | Latham | 9-25 | - | - | 97 | 99 | 95 | 2.2 | S | 3.2 |
| ADV2207R | Advantage | 9-25 | - | - | 96 | 98 | 102 | 2.2 | Rps1k# | 3.5 |
| NT-6242 | Nutech | 9-26 | - | - | 106 | 101 | 99 | 2.1 | S | 3.5 |
| AG2423V | Asgrow | 9-26 | - | - | 101 | 101 | 100 | 2.4 | Rps1k | 3.5 |
| NT-6242 | Agsource | 9-26 | - | - | 101 | 101 | 99 | 2.4 | S | 3.7 |
| DSR-2200/RR | Dairyland | 9-26 | - | - | 99 | 103 | 96 | 2.2 | S | 3.5 |
| K-248RR/SCN | Kruger | 9-26 | - | - | 95 | 102 | 97 | - | S | 3.5 |
| Mean | | 9-24 | 58.8 bu/a | 52.9 bu/a | 51.9 bu/a | 34.4% | 18.2% | | | |
| LSD 20% | | | 4% | 6% | 8% | | | | | |

Greenhouse test results do not agree with originator's designation.