



CORN GRAIN

The Minnesota Corn Hybrid Evaluation Program is conducted by the University of Minnesota Agricultural Experiment Station to provide unbiased information for use by corn growers when they choose hybrids to buy and grow. The program is

financed in part by entry fees from private seed companies that chose to enter their hybrids for testing.

Test zones, locations and maturities are:

Southern Zone: Lamberton, Waseca and Plainview.

Early Maturity Trial – 105 Relative Maturity (RM) and earlier hybrids.

Late Maturity Trial – 106 RM and later hybrids.

Central Zone: Morris and Rosemount.

Early Maturity Trial – 95 RM and earlier hybrids.

Late Maturity Trial – 96 RM and later hybrids.

Northern Zone: Staples and Rothsay.

Testing Procedure: Entries

Each corn seed company could enter up to six hybrids per zone. Entries in each

trial were based on the Relative Maturity (RM) provided by the company. The University of Minnesota Corn Testing Committee could also choose and enter hybrids in each test. For this reason, there may be more than six hybrids for a company in a test.

Presentation of Data

Yields in tables on pages that follow are given for individual locations along with yields and harvest moisture contents averaged across locations for 2003.

Hybrids are ranked within a maturity group by moisture content averaged across locations for 2003.

Least Significant Difference

We show LSD values with a 0.2 alpha level which means that when two hybrids differ in yield by the LSD value or more one can be 80% confident that the two hybrids differ in yield potential. The

Companies participating in the 2002 hybrid corn grain trials.

Albert Lea Seed House (Viking Hybrids), Box 127, 1414 W. Main, Albert Lea, MN 56007 www.alseed.com

Anderson Seeds, Rt. 3 Box 94, St. Peter, MN 56082 –

Bio Gene Seeds, 5491 Tri-County Hwy, Sardinia, OH 45171 www.biogeneseeds.com

Brown Seed Farms Inc., PO Box 7, Bay City, WI 54723 www.browngenetics.com

Croplan Genetics, 1080 County Rd F West, Shoreview, MN 55126-2928 www.croplangenetics.com

Crows Hybrid Corn Co., Box 306, Milford, IL 60953 www.croplangenetics.com

Dahlman Seed Co., 73504-200th St., Dassel, MN 55325 www.dahlmanseed.com

Dairyland Seed Co., Inc. (Stealth), Box 958, West Bend, WI 53095 www.dairylandseed.com

DynaGro, 221 W Lake Lansing Rd 102 East, East Lansing, MI 48823 www.growers.net

Epley Bros. Hybrids, Inc., PO Box 310, Shell Rock, IA 50670 www.epleyseed.com

Garst Seed Co & Agripro Seeds, 2369 330th St., Box 500, Slater, IA www.garstseed.com

Gold Country Seed Inc., 16506 Hwy 15 North, PO Box 0604, Hutchinson, MN 55350-0604 www.goldcountryseed.com

Golden Harvest Seeds, 220 N Eldorado Rd. Suite E, Bloomington, IL 61704 www.hylandseeds.com

Hyland Seeds, 2 Hyland Drive, Blenheim, Ontario, Canada NOP 1A0 www.hylandseeds.com

Jung Farms Inc., 341 So. High St., Randolph, WI 53956 www.jungseedgenetics.com

Kaystar Seed, 40329 US Hwy 14 East, PO Box 947, Huron, SD, 57350 www.kaystarseed.com

Kruger Seed Co., 33938 180th St., Dike, IA 50624 www.krugerseed.com

L.G. Seeds Inc., 4001 N. War Memorial Dr., Peoria, IL 61614 www.lgseeds.com

Monsanto Co. (Dekalb), 3100 Sycamore Rd., De Kalb, IL 60115 www.monsanto.com

Pfister Hybrid Corn Co., 187 N Fayette St., El Paso, IL 61738 www.pfisterhybrid.com

Pioneer Hi-Bred Int'l., Inc., 99 Navaho Ave Suite 101A, Mankato, MN 56001 www.pioneer.com/usa

Quality Seed Genetics, 307 3rd St., Alice, ND 58031 –

RAGT Semences, Ave Saint Pierre - Site de Bourran, FR 12033 RODEZ Cedex 9, France www.ragt-saaten.com/default_de.asp

Renk Seed Co., 6800 Wilburn Rd., Sun Prairie, WI 53590 www.renkseed.com

Sabre Initiatives, LLC, 2508 Trott Ave SW, PO Box 386, Willmar, MN 56201 www.sabrelc.com/seeds/default.asp

Sand Seed Service, Box 648, 4765 Hwy 143, Marcus, IA 51035 www.sandsofiowa.com

Seeds 2000, Box 200, Breckenridge, MN 56520 www.seedmen.com

Stine Seed Co., 2225 Laredo Trail, Adel, IA 50003 www.stinseed.com

Trelay, Inc., 11623 Hwy 80, Livingston, WI 53554 www.trelay.com

Unity Seeds, 107 Fallon St., Kentland, IN 47951 www.unityseeds.com

Wensman Seed Co., Box 190, Wadena, MN 56482 www.wensmanseed.com

higher yielding one is the better hybrid from the yield standpoint. If the yield difference between two hybrids is less than the LSD, the two hybrids probably do not differ significantly in yield potential.

Corn Planting Rate and Date

Bushel Weight, Pounds56
 Planting Rate, Seeds/Acre33,000
 Planting DateApril 15 – May 5

Individual hybrid corn trial information, 2003.

| Location | Cooperators | Previous Crop | Planting Date | Harvest Dates |
|-----------|----------------------------------|---------------|---------------|---------------|
| Lamberton | Steve Quiring | Soybean | April 25 | October 7 |
| Waseca | Tom Hoverstad | Soybean | April 24 | October 9 |
| Plainview | Fritz Brietenbach Bruce Ihrke | Soybean | April 29 | October 20 |
| Morris | George Nelson | Wheat | May 8 | October 10 |
| Rosemount | Jerry Holz | Soybean | April 30 | October 15 |
| Staples | Norman Krause | Corn | May 13 | October 14 |
| Rothsay | George Nelson Troy Larson | Wheat | May 8 | October 21 |

Early-maturity hybrids, southern locations, 2003.

| Source/Brand | Hybrid | Relative Maturity | Yield, Bushels/Acre at | | | Average Across Locations | |
|------------------------------------|----------------|-------------------|------------------------|------------|------------|--------------------------|-------------|
| | | | Lamberton | Plainview | Waseca | Bu/Acre | % Moisture |
| 97 and earlier RM hybrids | | | | | | | |
| Anderson Seed | 7595 | 95 | 145 | 137 | 108 | 130 | 15.0 |
| Epley Brothers | E1150Bt | 95 | 132 | 142 | 137 | 137 | 15.6 |
| Sands | SOI 9962 | 96 | 141 | 147 | 125 | 138 | 15.6 |
| Dairyland Stealth | 5497 | 97 | 154 | 162 | 121 | 146 | 16.0 |
| Dahlman | D47-47 | 94 | 141 | 162 | 134 | 146 | 16.0 |
| Dahlman | D48-15 | 95 | 152 | 164 | 132 | 149 | 16.1 |
| Anderson Seed | 7902 | 96 | 144 | 143 | 125 | 137 | 16.2 |
| Dekalb | DKC47-10RRYGCB | 97 | 164 | 166 | 133 | 154 | 16.3 |
| Gold Country Seed | 94-01CB | 94 | 157 | 154 | 123 | 145 | 16.4 |
| Anderson Seed | 797Y | 97 | 164 | 164 | 124 | 151 | 16.4 |
| Anderson Seed | 796R | 96 | 160 | 155 | 130 | 148 | 16.4 |
| Renk | RK488YGCB | 97 | 154 | 149 | 136 | 146 | 16.5 |
| High Cycle | 7454Bt | 95 | 160 | 155 | 123 | 146 | 16.7 |
| Garst | 8880YG1 | 95 | 166 | 148 | 128 | 147 | 16.7 |
| Gold Country Seed | 96-04CB | 96 | 155 | 142 | 131 | 142 | 16.8 |
| Kruger | 9496YGCB | 93 | 160 | 151 | 128 | 146 | 17.0 |
| Viking | BT 7293 | 97 | 169 | 156 | 127 | 151 | 17.0 |
| 97 and earlier RM averages: | | | 154 | 153 | 127 | 145 | 16.3 |
| 98 to 101 RM hybrids | | | | | | | |
| Kruger | EX 303YGCB | 100 | 134 | 181 | 123 | 146 | 16.2 |
| Kruger | 9002YGCB | 99 | 155 | 164 | 140 | 153 | 16.3 |
| Pfister | 1499 Bt | 98 | 150 | 142 | 130 | 141 | 16.4 |
| Anderson Seed | 101YR | 101 | 137 | 152 | 121 | 137 | 16.5 |
| Anderson Seed | 6527 | 100 | 151 | 149 | 124 | 141 | 16.7 |
| Dekalb | DKC50-18YGCB | 100 | 177 | 167 | 128 | 157 | 16.8 |
| AgriPro | 8715 | 101 | 167 | 160 | 130 | 152 | 17.0 |
| Sands | SOI 9013 | 101 | 154 | 161 | 129 | 148 | 17.1 |
| Viking | BT6405 | 100 | 138 | 140 | 130 | 136 | 17.3 |
| Kruger | 9203YGCB | 100 | 171 | 168 | 114 | 151 | 17.4 |
| Jung | 2445 | 99 | 156 | 152 | 148 | 152 | 17.5 |
| High Cycle | 7560Bt | 100 | 178 | 184 | 135 | 166 | 17.5 |
| Wensman | W 5314Bt | 101 | 180 | 166 | 123 | 156 | 17.7 |
| Kruger | 9404YGCB | 101 | 130 | 166 | 122 | 139 | 17.8 |
| Kruger | 9002RRYGCB | 100 | 152 | 169 | 147 | 156 | 18.0 |
| Wensman | W 6315RRBt | 101 | 172 | 190 | 144 | 168 | 18.3 |

Early-maturity hybrids, southern locations, 2003 (continued).

| Source / Brand | Hybrid | Relative Maturity | Yield, Bushels/Acre at | | | Average Across Locations | |
|---|----------------|-------------------|------------------------|------------|------------|--------------------------|-------------|
| | | | Lamberton | Plainview | Waseca | Bu/Acre | % Moisture |
| 98 to 101 RM hybrids (continued) | | | | | | | |
| Viking | 6370 | 100 | 133 | 146 | 123 | 134 | 18.3 |
| Golden Harvest | H-7470Bt | 101 | 152 | 141 | 125 | 140 | 18.4 |
| Pfister | 1680 | 99 | 161 | 168 | 147 | 159 | 18.5 |
| Garst | 8787YG1 | 101 | 133 | 177 | 143 | 151 | 18.5 |
| Kruger | 9203RRYGCB | 100 | 173 | 171 | 140 | 161 | 18.8 |
| High Cycle | 7592Rb | 100 | 153 | 174 | 127 | 151 | 19.1 |
| Brown | 5636 | 100 | 144 | 131 | 101 | 125 | 19.8 |
| Epley Brothers | E1180Bt | 100 | 167 | 166 | 152 | 153 | 20.9 |
| 98 to 101 RM averages: | | | 155 | 162 | 131 | 149 | 17.8 |
| 102 to 105 RM hybrids | | | | | | | |
| Anderson Seed | 102R | 102 | 137 | 152 | 140 | 143 | 15.7 |
| Dekalb | DKC52-45YGCB | 102 | 159 | 178 | 145 | 161 | 16.5 |
| Sands | SOI 103YGCB | 103 | 163 | 168 | 105 | 145 | 16.7 |
| Dahlman | D51-15 | 102 | 152 | 183 | 137 | 157 | 16.9 |
| Dahlman | R51-01 | 102 | 152 | 176 | 129 | 152 | 17.0 |
| Dahlman | D51-01 | 102 | 138 | 156 | 123 | 139 | 17.3 |
| Sands | SOI4020LL | 102 | 148 | 162 | 126 | 145 | 17.4 |
| Sabre | 4280 | 102 | 158 | 173 | 121 | 150 | 17.6 |
| Crows | 2192Bt | 102 | 150 | 164 | 121 | 145 | 17.6 |
| Gold Country Seed | 1016RRBt | 104 | 166 | 178 | 145 | 163 | 17.7 |
| Viking | BT5370 | 104 | 149 | 156 | 110 | 139 | 17.9 |
| Stine | 8016-23 | 105 | 141 | 145 | 115 | 134 | 17.9 |
| Renk | RK636YGCB | 102 | 178 | 151 | 131 | 153 | 17.9 |
| Stine | 8002-35 | 102 | 129 | 146 | 126 | 134 | 18.2 |
| Sabre | 4292 | 102 | 152 | 170 | 118 | 146 | 18.2 |
| High Cycle | 7694Rb | 102 | 166 | 171 | 119 | 152 | 18.2 |
| Jung | 6580Bt | 104 | 142 | 146 | 109 | 132 | 18.3 |
| Kruger | EX 105YGCB | 102 | 144 | 160 | 124 | 143 | 18.3 |
| Viking | CL6100 | 102 | 154 | 145 | 115 | 138 | 18.5 |
| Golden Harvest | H-7900 | 103 | 160 | 152 | 134 | 149 | 18.7 |
| High Cycle | 7662Bt | 103 | 156 | 161 | 129 | 148 | 18.8 |
| Jung | 2545 | 103 | 159 | 159 | 140 | 153 | 18.8 |
| Garst | ND795YG1 | 102 | 149 | 159 | 119 | 142 | 18.8 |
| Dekalb | DKC53-34RRYGCB | 103 | 167 | 178 | 147 | 164 | 19.0 |
| Brown | 5345YG | 103 | 151 | 159 | 138 | 149 | 19.2 |
| Anderson Seed | 6005 | 102 | 143 | 160 | 125 | 143 | 19.2 |
| LG Seeds | LG 2513 Bt | 104 | 146 | 161 | 140 | 149 | 19.2 |
| Dairyland Stealth | 5140 | 104 | 164 | 175 | 152 | 164 | 19.3 |
| Kruger | 9306YGCB | 105 | 164 | 161 | 123 | 150 | 19.3 |
| Viking | B5305 | 104 | 157 | 181 | 152 | 163 | 19.4 |
| Viking | 5305 | 104 | 164 | 173 | 143 | 160 | 19.4 |
| Anderson Seed | 104Y | 104 | 161 | 160 | 138 | 153 | 19.4 |
| Sabre | 4320 | 103 | 131 | 159 | 125 | 138 | 19.5 |
| Golden Harvest | H-8223Bt | 104 | 139 | 156 | 138 | 144 | 19.5 |
| Renk | RK705RRYGCB | 105 | 147 | 152 | 136 | 145 | 19.6 |
| High Cycle | 7601Bt | 102 | 141 | 167 | 149 | 152 | 19.6 |
| Trelay | 6400 | 103 | 121 | 140 | 128 | 130 | 19.6 |
| Garst | ND629YG1 | 104 | 165 | 198 | 139 | 167 | 19.8 |
| Renk | RK700YGCB | 105 | 169 | 165 | 140 | 158 | 20.0 |
| LG Seeds | LG 2533 | 105 | 161 | 168 | 147 | 158 | 20.3 |

Early-maturity hybrids, southern locations, 2003 (continued).

| Source / Brand | Hybrid | Relative Maturity | Yield, Bushels/Acre at | | | Average Across Locations | |
|---|---------|-------------------|------------------------|------------|------------|--------------------------|-------------|
| | | | Lamberton | Plainview | Waseca | Bu/Acre | % Moisture |
| 102 to 105 RM hybrids (continued) | | | | | | | |
| Dairyland Stealth | 1605 | 105 | 137 | 149 | 134 | 140 | 20.8 |
| Brown | 6220 | 104 | 134 | 157 | 125 | 139 | 21.0 |
| LG Seeds | LG 2518 | 102 | 144 | 157 | 117 | 139 | 21.1 |
| Anderson Seed | 5395 | 105 | 145 | 160 | 130 | 145 | 21.1 |
| 102 to 105 RM averages: | | | 151 | 162 | 131 | 148 | 18.7 |
| Southern locations, early-maturity averages: | | | 153 | 160 | 130 | 148 | 18.0 |
| LSD (0.20) | | | 15 | 12 | 16 | 8 | 0.9 |

Late-maturity hybrids, southern locations, 2003.

| Source / Brand | Hybrid | Relative Maturity | Yield, Bushels/Acre at | | | Average Across Locations | |
|--|----------------|-------------------|------------------------|------------|------------|--------------------------|-------------|
| | | | Lamberton | Plainview | Waseca | Bu/Acre | % Moisture |
| Later than 105 RM hybrids | | | | | | | |
| Renk | RK772YGCB | 107 | 175 | 164 | 142 | 160 | 17.9 |
| Anderson Seed | 4033 | 106 | 155 | 144 | 143 | 147 | 18.7 |
| Epley Brothers | E2412 | 106 | 151 | 153 | 146 | 150 | 18.9 |
| Anderson Seed | 4320 | 107 | 137 | 156 | 131 | 141 | 19.0 |
| Kruger | 9305 YGCB | 108 | 166 | 149 | 124 | 146 | 19.6 |
| Jung | 6645Bt | 106 | 163 | 165 | 156 | 161 | 19.7 |
| Dairyland Stealth | 1606 | 106 | 152 | 157 | 132 | 147 | 19.9 |
| Bio Gene | BG 1075 | 107 | 147 | 178 | 149 | 158 | 19.9 |
| Kruger | EX 107RR | 107 | 152 | 150 | 137 | 146 | 20.0 |
| Pioneer | 35Y67 | 106 | 159 | 172 | 156 | 162 | 20.2 |
| Kruger | 9308YGCB | 111 | 152 | 161 | 137 | 150 | 20.2 |
| Pioneer | 34H32 | 109 | 161 | 177 | 139 | 159 | 20.4 |
| Kruger | 9206YGCB | 106 | 151 | 163 | 141 | 152 | 20.7 |
| Epley Brothers | E2410Bt | 107 | 155 | 176 | 135 | 155 | 20.9 |
| Wensman | W 6421RR | 106 | 157 | 157 | 138 | 151 | 21.1 |
| Pioneer | 35Y55 | 106 | 160 | 167 | 141 | 156 | 21.1 |
| Dekalb | DKC58-78YGCB | 108 | 166 | 176 | 144 | 162 | 21.4 |
| Anderson Seed | 5954 | 106 | 158 | 167 | 123 | 149 | 21.4 |
| RAGT semences S.A. | MX151 | 106 | 144 | 153 | 132 | 143 | 21.6 |
| Wensman | W 5417Bt | 107 | 156 | 162 | 149 | 156 | 21.6 |
| Pioneer | 34M93 | 110 | 163 | 157 | 125 | 149 | 21.8 |
| Dekalb | DKC58-24RRYGCB | 108 | 153 | 132 | 139 | 141 | 21.8 |
| Garst | ND578YG1/IT | 108 | 166 | 161 | 149 | 159 | 22.0 |
| Bio Gene | BT 1071 | 107 | 159 | 168 | 146 | 158 | 22.2 |
| Kruger | EX 108YGCB | 108 | 171 | 170 | 144 | 162 | 22.3 |
| Stine | 8012-06 | 110 | 150 | 157 | 134 | 147 | 22.4 |
| Stine | 9619YGCB | 109 | 145 | 147 | 142 | 145 | 22.7 |
| Wensman | W 5437Bt | 110 | 176 | 174 | 158 | 169 | 24.1 |
| Pioneer | 34N42 | 111 | 147 | 176 | 146 | 156 | 26.2 |
| Stine | 8007-23 | 107 | 130 | 138 | 127 | 131 | 26.8 |
| Southern locations, late-maturity averages: | | | 156 | 161 | 140 | 152 | 21.2 |
| LSD(0.20) | | | 15 | 15 | 16 | 9 | 1.1 |

Early-maturity hybrids, central locations, 2003.

| Source/Brand | Hybrid | Relative Maturity | Yield, Bushels/Acre at | | Average Across Locations | |
|------------------------------------|----------------|-------------------|------------------------|------------|--------------------------|-------------|
| | | | Morris | Rosemount | Bu/Acre | % Moisture |
| 92 and earlier RM hybrids | | | | | | |
| Wensman | W 5085Bt | 85 | 185 | 109 | 147 | 16.4 |
| Renk | RK232YGCB | 88 | 179 | 97 | 138 | 17.3 |
| Kruger | 9392RR | 89 | 194 | 117 | 155 | 17.6 |
| Wensman | W 6089 RRBt | 84 | 193 | 122 | 158 | 17.6 |
| Renk | RK438YGCB | 92 | 233 | 123 | 178 | 17.7 |
| Kruger | 9392YGCB | 89 | 222 | 127 | 174 | 17.8 |
| Brown | 3000YG | 90 | 223 | 138 | 181 | 18.0 |
| Garst | ND922YG1 | 90 | 220 | 125 | 173 | 18.2 |
| Dekalb | DKC42-95RRYGCB | 92 | 207 | 113 | 160 | 18.4 |
| High Cycle | 7242Bt | 90 | 219 | 142 | 180 | 18.5 |
| Wensman | W 6116RR | 91 | 219 | 144 | 181 | 18.6 |
| LG Seeds | LG 2407 Bt | 92 | 220 | 134 | 177 | 18.6 |
| Dekalb | DKC39-48RRYGCB | 89 | 185 | 126 | 156 | 18.7 |
| Wensman | W 6117RRBt | 92 | 218 | 124 | 171 | 18.7 |
| Wensman | W 5117Bt | 92 | 220 | 130 | 175 | 18.8 |
| Hyland Seeds | HL2368 | 92 | 222 | 140 | 181 | 19.0 |
| Dahlman | D45-15 | 92 | 208 | 145 | 176 | 19.1 |
| High Cycle | 7301Bt | 92 | 223 | 130 | 177 | 19.2 |
| Sabre | 3110 | 91 | 201 | 123 | 162 | 19.2 |
| Hyland Seeds | HL R234 | 92 | 201 | 124 | 163 | 19.3 |
| Kruger | 9496A YGCB | 92 | 207 | 138 | 172 | 19.5 |
| Stine | 9201YGCB | 89 | 187 | 113 | 150 | 19.8 |
| 92 RM and earlier averages: | | | 209 | 126 | 168 | 18.4 |
| 93 to 95 RM hybrids | | | | | | |
| Croplan Genetics | 364CRW | 95 | 183 | 118 | 150 | 17.2 |
| Seeds 2000 | 2944RRBt | 94 | 192 | 122 | 157 | 17.9 |
| Stine | 9307RRYGCB | 93 | 171 | 115 | 143 | 18.1 |
| Dyna-Gro | 53P76 | 94 | 189 | 126 | 158 | 18.4 |
| Kruger | 9496YGCB | 93 | 224 | 125 | 175 | 18.5 |
| Anderson Seed | 7595 | 95 | 183 | 106 | 144 | 18.5 |
| Seeds 2000 | 2953 | 95 | 205 | 124 | 164 | 18.6 |
| Bio Gene | BG 940 | 94 | 221 | 129 | 175 | 18.8 |
| Dairyland Stealth | 5194 | 94 | 215 | 132 | 174 | 18.8 |
| Wensman | W 4212 | 95 | 214 | 129 | 172 | 18.8 |
| Wensman | W 6212RR | 95 | 217 | 124 | 170 | 19.0 |
| Dekalb | DKC44-46RRYGCB | 94 | 230 | 114 | 172 | 19.0 |
| Brown | 4250YG | 95 | 217 | 130 | 173 | 19.0 |
| Brown | 3020YG | 94 | 223 | 122 | 173 | 19.1 |
| High Cycle | 7454Bt | 95 | 219 | 119 | 169 | 19.1 |
| Sabre | 3555 | 95 | 204 | 125 | 164 | 19.2 |
| Dyna-Gro | 53F09 | 94 | 219 | 125 | 172 | 19.2 |
| Jung | 6432Bt | 95 | 212 | 125 | 168 | 19.4 |
| Kruger | 9496RR | 93 | 206 | 124 | 165 | 19.5 |
| Dahlman | D48-15 | 95 | 221 | 134 | 178 | 19.5 |
| Pioneer | 38P04 | 95 | 190 | 142 | 166 | 19.6 |
| Seeds 2000 | 2953Bt | 95 | 227 | 143 | 185 | 19.6 |
| Dahlman | R48-15 | 95 | 200 | 135 | 168 | 19.7 |
| Epley Brothers | E1150Bt | 95 | 211 | 119 | 165 | 19.9 |

Early-maturity hybrids, central locations, 2003 (continued).

| Source/Brand | Hybrid | Relative Maturity | Yield, Bushels/Acre at | | Average Across Locations | |
|--|---------|-------------------|------------------------|------------|--------------------------|-------------|
| | | | Morris | Rosemount | Bu/Acre | % Moisture |
| 93 to 95 RM hybrids (continued) | | | | | | |
| Dahlman | D47-47 | 94 | 221 | 135 | 178 | 20.1 |
| Garst | 8880YG1 | 95 | 217 | 139 | 178 | 20.3 |
| 93 to 97 RM averages: | | | 209 | 126 | 167 | 19.0 |
| Central locations, early-maturity averages: | | | 209 | 126 | 167 | 18.8 |
| LSD(0.20) | | | 14 | 11 | 9 | 0.8 |

Late-maturity hybrids, central locations, 2003.

| Source/Brand | Hybrid | Relative Maturity | Yield, Bushels/Acre at | | Average Across Locations | |
|-------------------------------------|----------------|-------------------|------------------------|------------|--------------------------|-------------|
| | | | Morris | Rosemount | Bu/Acre | % Moisture |
| 100 and earlier RM hybrids | | | | | | |
| Anderson Seed | 7902 | 96 | 202 | 120 | 161 | 18.5 |
| Kruger | 9002YGCB | 99 | 180 | 108 | 144 | 18.3 |
| Dairyland Stealth | 1497 | 97 | 192 | 121 | 157 | 18.5 |
| Pioneer | 37F16 | 98 | 196 | 118 | 157 | 18.6 |
| Dahlman | D48-01 | 96 | 199 | 132 | 166 | 18.7 |
| Dekalb | DKC47-10RRYGCB | 97 | 203 | 134 | 168 | 18.9 |
| Anderson Seed | 797Y | 97 | 212 | 119 | 166 | 19.0 |
| Pioneer | 37R71 | 97 | 165 | 112 | 139 | 19.0 |
| Dairyland Stealth | 5497 | 97 | 201 | 119 | 160 | 19.1 |
| Renk | RK488YGCB | 97 | 206 | 129 | 168 | 19.2 |
| High Cycle | 7525Bt | 98 | 184 | 113 | 148 | 19.2 |
| Pfister | 1499 Bt | 98 | 189 | 139 | 164 | 19.2 |
| Anderson Seed | 796R | 96 | 196 | 111 | 154 | 19.3 |
| Wensman | W 5212Bt | 96 | 196 | 130 | 163 | 19.5 |
| LG Seeds | LG 2489 | 98 | 193 | 110 | 151 | 19.7 |
| LG Seeds | LG 2463 Bt | 96 | 201 | 132 | 166 | 19.8 |
| Kruger | EX 303YGCB | 100 | 202 | 112 | 157 | 20.2 |
| Dekalb | DKC50-18YGCB | 100 | 199 | 123 | 161 | 20.3 |
| High Cycle | 7560Bt | 100 | 221 | 118 | 169 | 20.6 |
| Bio Gene | BG 991 | 99 | 171 | 114 | 142 | 20.6 |
| Pioneer | 38A25 | 97 | 168 | 131 | 150 | 20.7 |
| Unity Seeds | 6100A | 100 | 171 | 117 | 144 | 20.9 |
| Kruger | 9203YGCB | 100 | 184 | 111 | 147 | 20.9 |
| Jung | 2445 | 99 | 189 | 118 | 153 | 21.2 |
| High Cycle | 7592Rb | 100 | 197 | 102 | 150 | 21.8 |
| Garst | 8716 | 100 | 193 | 105 | 149 | 22.1 |
| Pfister | 1680 | 99 | 198 | 121 | 160 | 22.7 |
| Kruger | 9203RRYGCB | 100 | 194 | 114 | 154 | 22.8 |
| Kruger | 9002RRYGCB | 100 | 202 | 121 | 162 | 22.9 |
| Brown | 5020YGCRRR | 100 | 207 | 115 | 161 | 24.0 |
| Epley Brothers | E1180Bt | 100 | 167 | 93 | 130 | 24.0 |
| 100 RM and earlier averages: | | | 193 | 118 | 155 | 20.3 |
| Later than 100 RM hybrids | | | | | | |
| Dekalb | DKC52-45YGCB | 102 | 208 | 135 | 172 | 19.2 |
| Epley Brothers | E1420Bt | 101 | 207 | 100 | 153 | 19.9 |
| Renk | RK636YGCB | 102 | 197 | 117 | 157 | 21.0 |
| Jung | 6580Bt | 104 | 215 | 123 | 169 | 21.6 |

Late-maturity hybrids, central locations, 2003 (continued).

| Source/Brand | Hybrid | Relative Maturity | Yield, Bushels/Acre at | | Average Across Locations | |
|---|------------|-------------------|------------------------|------------|--------------------------|-------------|
| | | | Morris | Rosemount | Bu/Acre | % Moisture |
| Later than 100 RM hybrids (continued) | | | | | | |
| Garst | 8787YG1 | 101 | 202 | 113 | 158 | 21.7 |
| Wensman | W 6315RRBt | 101 | 209 | 113 | 161 | 21.7 |
| Kruger | 9404YGCB | 101 | 203 | 115 | 159 | 21.7 |
| Kruger | 9306YGCB | 105 | 218 | 112 | 165 | 21.7 |
| Kruger | 9305 | 102 | 190 | 110 | 150 | 22.0 |
| Dahlman | D51-01 | 102 | 191 | 111 | 151 | 22.0 |
| Jung | 6573Bt | 102 | 184 | 126 | 155 | 22.2 |
| Pioneer | 36N71 | 102 | 178 | 117 | 147 | 22.5 |
| Wensman | W 5314Bt | 101 | 186 | 109 | 147 | 22.8 |
| Wensman | W 6421RR | 106 | 201 | 101 | 151 | 23.2 |
| Wensman | W 5417Bt | 107 | 229 | 109 | 169 | 23.2 |
| High Cycle | 7601Bt | 102 | 196 | 101 | 148 | 23.4 |
| Stine | 8002-35 | 102 | 172 | 90 | 131 | 23.4 |
| Stine | 8016-23 | 105 | 167 | 116 | 141 | 23.7 |
| Epley Brothers | E1493 | 105 | 182 | 110 | 146 | 24.0 |
| Kruger | EX 105YGCB | 102 | 193 | 100 | 146 | 24.1 |
| Garst | ND795YG1 | 102 | 139 | 110 | 125 | 24.9 |
| Kruger | 9206YGRW | 102 | 182 | 95 | 138 | 25.0 |
| Dairyland Stealth | 5140 | 104 | 201 | 139 | 170 | 25.1 |
| LG Seeds | LG 2518 | 102 | 200 | 106 | 153 | 25.4 |
| Hyland Seeds | HL B330 | 102 | 187 | 123 | 155 | 25.7 |
| Later than 100 RM averages: | | | 194 | 112 | 153 | 22.8 |
| Central locations, late-maturity averages: | | | 193 | 115 | 154 | 21.4 |
| LSD(0.20) | | | 16 | 15 | 11 | 1.0 |

Northern locations, 2003.

| Source/Brand | Hybrid | Relative Maturity | Yield, Bushels/Acre at | | Average Across Locations | |
|------------------------------------|----------------|-------------------|------------------------|------------|--------------------------|-------------|
| | | | Rothsay | Staples | Bu/Acre | % Moisture |
| 82 and earlier RM hybrids | | | | | | |
| Kruger | EX 85 RR | 82 | 150 | 200 | 175 | 15.3 |
| Jung | 2202 | 82 | 183 | 213 | 198 | 16.0 |
| Quality Seed Genetics | 2483RR | 81 | 175 | 218 | 197 | 16.5 |
| Quality Seed Genetics | 2484RRYGCB | 82 | 172 | 211 | 191 | 16.8 |
| Jung | 6205RR/Bt | 82 | 184 | 200 | 192 | 17.3 |
| Hyland Seeds | HL 2232 | 79 | 180 | 188 | 184 | 17.3 |
| Dairyland Stealth | 1476 | 78 | 177 | 176 | 177 | 17.4 |
| Quality Seed Genetics | 2479RR | 77 | 187 | 172 | 179 | 17.4 |
| Pioneer | 39M85 | 82 | 176 | 199 | 187 | 17.5 |
| Quality Seed Genetics | 2483YGCB | 81 | 146 | 238 | 192 | 17.7 |
| Quality Seed Genetics | 2481RRYGCB | 77 | 183 | 165 | 174 | 17.7 |
| Renk | RK131 | 80 | 156 | 188 | 172 | 18.8 |
| 82 RM and earlier averages: | | | 172 | 197 | 185 | 17.1 |
| 83 to 87 RM hybrids | | | | | | |
| Dekalb | DKC35-01RR | 85 | 164 | 159 | 161 | 15.7 |
| Dekalb | DKC35-51RRYGCB | 85 | 161 | 187 | 174 | 15.8 |
| Renk | RK232 | 85 | 176 | 196 | 186 | 16.2 |
| Dairyland Stealth | 1685 | 85 | 147 | 206 | 176 | 16.2 |

Northern locations, 2003 (continued).

| Source/Brand | Hybrid | Relative Maturity | Yield, Bushels/Acre at | | Average Across Locations | |
|--|--------------|-------------------|------------------------|------------|--------------------------|-------------|
| | | | Rothsay | Staples | Bu/Acre | % Moisture |
| 83 to 87 RM hybrids (continued) | | | | | | |
| Seeds 2000 | 2821Bt | 84 | 165 | 223 | 194 | 16.3 |
| Wensman | W 4085 | 84 | 182 | 231 | 207 | 16.6 |
| Dyna-Gro | 51K95 | 84 | 164 | 203 | 183 | 16.6 |
| Dahlman | R42-15 | 84 | 158 | 190 | 174 | 16.7 |
| Dahlman | R1700 | 86 | 150 | 195 | 172 | 16.9 |
| Pioneer | 39M79 | 85 | 178 | 195 | 187 | 16.9 |
| Dyna-Gro | 51F85 | 85 | 194 | 202 | 198 | 17.0 |
| Dahlman | D42-10Bt | 85 | 199 | 223 | 211 | 17.1 |
| Dahlman | D43-01 | 86 | 169 | 222 | 195 | 17.2 |
| LG Seeds | LG 2355 | 84 | 195 | 212 | 203 | 17.3 |
| Seeds 2000 | 2871RRBt | 87 | 178 | 196 | 187 | 17.4 |
| Wensman | W 5081Bt | 83 | 179 | 225 | 202 | 17.4 |
| RAGT semences S.A. | MX152 | 87 | 154 | 211 | 183 | 17.6 |
| Wensman | W 5085Bt | 85 | 166 | 215 | 191 | 17.6 |
| Pioneer | 39D82 | 87 | 171 | 206 | 188 | 17.6 |
| Seeds 2000 | 2842RRBt | 84 | 197 | 224 | 210 | 17.8 |
| Dairyland Stealth | 1483Bt | 84 | 175 | 214 | 195 | 18.0 |
| Wensman | W 6089 RRBt | 84 | 199 | 198 | 199 | 18.1 |
| Quality Seed Genetics | 2490RRYGCB | 87 | 182 | 222 | 202 | 18.1 |
| Kaystar | KX-2821RR/Bt | 85 | 156 | 195 | 176 | 18.2 |
| Sabre | 2789 | 87 | 186 | 193 | 189 | 18.4 |
| Kruger | 9491RRYGCB | 87 | 167 | 227 | 197 | 18.4 |
| 83 to 87 RM averages: | | | 173 | 207 | 190 | 17.2 |
| 88 to 92 RM hybrids | | | | | | |
| Renk | RK288 | 88 | 178 | 208 | 193 | 16.3 |
| Quality Seed Genetics | 2492YGCB | 89 | 174 | 233 | 204 | 16.7 |
| Dekalb | DKC40-63RR | 90 | 193 | 211 | 202 | 17.2 |
| Stine | 9201YGCB | 89 | 171 | 185 | 178 | 17.2 |
| Kruger | 9392RR | 89 | 163 | 200 | 182 | 17.2 |
| Quality Seed Genetics | 2492RRYGRW | 89 | 191 | 210 | 200 | 17.3 |
| Jung | 6418RR/Bt | 92 | 169 | 232 | 200 | 17.5 |
| Kruger | 9492YGCB | 91 | 183 | 235 | 209 | 17.6 |
| Renk | RK438YGCB | 92 | 181 | 242 | 212 | 17.6 |
| Kaystar | KX-4000RR/Bt | 91 | 157 | 222 | 189 | 17.8 |
| RAGT semences S.A. | MX155 | 89 | 170 | 229 | 199 | 17.8 |
| Wensman | W 6117RRBt | 92 | 188 | 234 | 211 | 17.8 |
| Wensman | W 6116RR | 91 | 164 | 228 | 196 | 17.8 |
| LG Seeds | LG 2415 | 92 | 175 | 213 | 194 | 17.8 |
| Seeds 2000 | 2892Bt | 89 | 184 | 208 | 196 | 17.9 |
| Dairyland Stealth | 1692 | 92 | 155 | 224 | 189 | 17.9 |
| Dahlman | D45-15 | 92 | 175 | 235 | 205 | 18.0 |
| Jung | 6370Bt | 91 | 189 | 227 | 208 | 18.1 |
| Kruger | 9392YGCB | 89 | 185 | 254 | 220 | 18.1 |
| Quality Seed Genetics | 2491YGCB | 89 | 165 | 249 | 207 | 18.1 |
| Dahlman | D45-01Bt | 90 | 184 | 240 | 212 | 18.2 |
| Kruger | 9392RRYGCB | 89 | 184 | 230 | 207 | 18.2 |
| Quality Seed Genetics | 2491RR | 89 | 181 | 229 | 205 | 18.2 |
| Seeds 2000 | 2921Bt | 92 | 180 | 240 | 210 | 18.2 |

Northern locations, 2003 (continued).

| Source/Brand | Hybrid | Relative Maturity | Yield, Bushels/Acre at | | Average Across Locations | |
|--|----------------|-------------------|------------------------|------------|--------------------------|-------------|
| | | | Rothsay | Staples | Bu/Acre | % Moisture |
| 88 to 92 RM hybrids (continued) | | | | | | |
| LG Seeds | LG 2407 Bt | 92 | 188 | 246 | 217 | 18.2 |
| Quality Seed Genetics | 2494YGCB | 92 | 169 | 227 | 198 | 18.2 |
| Wensman | W 5117Bt | 92 | 197 | 250 | 223 | 18.3 |
| Hyland Seeds | HL2368 | 92 | 175 | 212 | 194 | 18.3 |
| Kruger | 9491+RRYGCB | 88 | 170 | 228 | 199 | 18.4 |
| Dekalb | DKC42-95RRYGCB | 92 | 165 | 231 | 198 | 18.5 |
| Dairyland Stealth | 7191 | 91 | 174 | 228 | 201 | 18.6 |
| Dekalb | DKC39-48RRYGCB | 89 | 188 | 234 | 211 | 18.7 |
| Sabre | 3110 | 91 | 194 | 221 | 207 | 18.8 |
| Hyland Seeds | HL R234 | 92 | 184 | 229 | 207 | 19.0 |
| RAGT semences S.A. | MX156 | 91 | 179 | 225 | 202 | 19.2 |
| 88 to 92 RM averages: | | | 178 | 227 | 202 | 18.0 |
| 93 and later RM hybrids | | | | | | |
| Stine | 9307RRYGCB | 93 | 179 | 192 | 185 | 17.6 |
| Jung | 6420RR/Bt | 94 | 195 | 232 | 213 | 17.9 |
| Kaystar | KX-4020Bt | 96 | 169 | 230 | 199 | 18.1 |
| Kruger | 9496RR | 93 | 189 | 221 | 205 | 18.2 |
| Quality Seed Genetics | 2495RR | 93 | 186 | 223 | 205 | 18.3 |
| Dekalb | DKC47-10RRYGCB | 97 | 184 | 246 | 215 | 18.6 |
| Wensman | W 4212 | 95 | 182 | 221 | 201 | 18.8 |
| Gold Country Seed | 94-01CB | 94 | 174 | 243 | 209 | 18.8 |
| Pioneer | 38P04 | 95 | 169 | 215 | 192 | 18.8 |
| Renk | RK488YGCB | 97 | 169 | 228 | 198 | 19.0 |
| Seeds 2000 | 2953Bt | 95 | 182 | 225 | 204 | 19.1 |
| Quality Seed Genetics | 2495+YGCB | 93 | 176 | 233 | 205 | 19.1 |
| Wensman | W 5212Bt | 96 | 174 | 225 | 199 | 19.2 |
| Kruger | 9496YGCB | 93 | 198 | 235 | 216 | 19.3 |
| Wensman | W 6212RR | 95 | 153 | 234 | 194 | 19.3 |
| Jung | 6432Bt | 95 | 187 | 233 | 210 | 19.3 |
| Jung | 2432 | 94 | 190 | 236 | 213 | 19.4 |
| Dekalb | DKC44-46RRYGCB | 94 | 181 | 247 | 214 | 19.5 |
| 93 and Later RM averages: | | | 180 | 229 | 204 | 18.8 |
| Northern Locations Averages: | | | 176 | 218 | 197 | 17.8 |
| LSD(0.20) | | | 23 | 23 | 16 | 0.8 |