

2018 Performance of Approved RR Varieties - ACSC Official Trials

10 sites

| Description @ | Code | Rec/T lbs. | Rec/T %Bnch | Rec/A lbs. | Rec/A %Bnch | Loss Mol % | Rev/T \$ ++ | Rev/T %Bnch | Rev/A \$ ++ | Rev/A %Bnch | Sugar % | Yield T/A | Na ppm | K ppm | AmN ppm | Bolter per Ac | Emerge. % |
|---|------|---------------|----------------|---------------|----------------|---------------|----------------|----------------|----------------|----------------|------------|--------------|-----------|----------|------------|------------------|--------------|
| Commercial Trial | | | | | | | | | | | | | | | | | |
| BTS 80RR52 | 130 | 346.5 | 100 | 9939 | 97 | 1.03 | 53.98 | 100 | 1536 | 97 | 18.36 | 28.94 | 167 | 1574 | 322 | 0 | 85.9 |
| BTS 8337 | 119 | 356.8 | 103 | 10209 | 100 | 0.98 | 56.93 | 106 | 1619 | 102 | 18.81 | 28.83 | 155 | 1545 | 289 | 0 | 80.9 |
| BTS 8500 | 124 | 343.7 | 99 | 11242 | 110 | 0.99 | 53.18 | 99 | 1719 | 108 | 18.18 | 33.16 | 175 | 1553 | 295 | 0 | 88.2 |
| BTS 8524 | 127 | 333.6 | 96 | 11083 | 108 | 1.05 | 50.28 | 93 | 1658 | 105 | 17.72 | 33.49 | 196 | 1641 | 304 | 0 | 81.1 |
| BTS 8606 | 106 | 349.8 | 101 | 10811 | 105 | 0.95 | 54.93 | 102 | 1684 | 106 | 18.44 | 31.19 | 161 | 1535 | 274 | 0 | 82.6 |
| BTS 8629 | 110 | 343.2 | 99 | 11437 | 112 | 0.97 | 53.05 | 98 | 1752 | 111 | 18.13 | 33.69 | 187 | 1430 | 301 | 0 | 73.1 |
| Crystal 093RR | 126 | 356.0 | 103 | 10529 | 103 | 1.01 | 56.72 | 105 | 1666 | 105 | 18.81 | 29.83 | 149 | 1528 | 321 | 0 | 86.8 |
| Crystal 247RR | 113 | 345.4 | 100 | 10826 | 106 | 0.95 | 53.68 | 100 | 1669 | 105 | 18.21 | 31.60 | 189 | 1544 | 254 | 0 | 84.4 |
| Crystal 355RR | 109 | 350.1 | 101 | 9770 | 95 | 1.05 | 55.03 | 102 | 1524 | 96 | 18.56 | 28.13 | 172 | 1594 | 331 | 0 | 88.0 |
| Crystal 467RR | 120 | 340.9 | 98 | 10852 | 106 | 0.99 | 52.39 | 97 | 1653 | 104 | 18.04 | 32.15 | 216 | 1596 | 267 | 0 | 86.1 |
| Crystal 572RR | 112 | 354.6 | 102 | 10882 | 106 | 0.97 | 56.30 | 104 | 1718 | 108 | 18.70 | 30.91 | 146 | 1474 | 307 | 0 | 83.4 |
| Crystal 573RR | 101 | 354.3 | 102 | 10852 | 106 | 0.97 | 56.24 | 104 | 1711 | 108 | 18.68 | 30.89 | 154 | 1510 | 291 | 0 | 88.2 |
| Crystal 574RR | 114 | 342.5 | 99 | 11330 | 110 | 1.01 | 52.84 | 98 | 1733 | 109 | 18.14 | 33.40 | 177 | 1557 | 305 | 0 | 82.7 |
| Crystal 578RR | 115 | 346.5 | 100 | 10637 | 104 | 0.99 | 53.99 | 100 | 1645 | 104 | 18.31 | 30.97 | 177 | 1566 | 283 | 0 | 86.4 |
| Hilleshög HM4302RR | 107 | 343.8 | 99 | 10241 | 100 | 0.95 | 53.22 | 99 | 1572 | 99 | 18.14 | 30.07 | 196 | 1577 | 248 | 0 | 81.6 |
| Hilleshög HM4448RR | 125 | 346.8 | 100 | 11133 | 109 | 0.95 | 54.07 | 100 | 1720 | 109 | 18.29 | 32.45 | 161 | 1470 | 288 | 0 | 83.9 |
| Hilleshög HM9528RR | 117 | 344.5 | 99 | 10603 | 103 | 0.94 | 53.42 | 99 | 1632 | 103 | 18.17 | 31.07 | 174 | 1489 | 271 | 2 | 78.3 |
| Hilleshög HIL9708 | 131 | 346.9 | 100 | 10848 | 106 | 0.95 | 54.10 | 100 | 1684 | 106 | 18.30 | 31.47 | 175 | 1493 | 276 | 0 | 85.3 |
| Maribo MA109 | 128 | 354.3 | 102 | 9663 | 94 | 0.97 | 56.22 | 104 | 1522 | 96 | 18.68 | 27.53 | 176 | 1509 | 285 | 0 | 75.8 |
| Maribo MA305 | 102 | 337.3 | 97 | 10549 | 103 | 0.94 | 51.36 | 95 | 1589 | 100 | 17.81 | 31.67 | 184 | 1459 | 275 | 0 | 76.1 |
| Maribo MA502 | 116 | 335.4 | 97 | 10126 | 99 | 1.05 | 50.80 | 94 | 1520 | 96 | 17.82 | 30.52 | 232 | 1616 | 300 | 0 | 82.1 |
| Maribo MA504 | 122 | 343.0 | 99 | 11406 | 111 | 0.99 | 52.98 | 98 | 1748 | 110 | 18.14 | 33.56 | 188 | 1538 | 291 | 0 | 84.4 |
| SV RR265 | 108 | 343.7 | 99 | 10824 | 106 | 0.93 | 53.20 | 99 | 1663 | 105 | 18.11 | 31.75 | 154 | 1522 | 259 | 0 | 83.6 |
| SV RR266 | 118 | 345.5 | 100 | 10651 | 104 | 0.95 | 53.71 | 100 | 1644 | 104 | 18.22 | 31.08 | 158 | 1526 | 271 | 0 | 72.7 |
| SV RR268 | 132 | 350.3 | 101 | 10767 | 105 | 0.96 | 55.08 | 102 | 1679 | 106 | 18.47 | 31.05 | 159 | 1548 | 271 | 0 | 80.6 |
| SV RR333 | 123 | 351.1 | 101 | 10483 | 102 | 0.95 | 55.32 | 103 | 1642 | 104 | 18.50 | 30.04 | 158 | 1532 | 272 | 0 | 75.2 |
| SV RR351 | 104 | 347.4 | 100 | 10715 | 104 | 0.93 | 54.24 | 101 | 1661 | 105 | 18.30 | 31.10 | 147 | 1546 | 258 | 0 | 78.6 |
| SX Avalanche RR | 129 | 348.8 | 101 | 10157 | 99 | 0.93 | 54.64 | 101 | 1582 | 100 | 18.37 | 29.33 | 169 | 1529 | 255 | 2 | 80.6 |
| SX Bronco RR(1863) | 105 | 349.0 | 101 | 10588 | 103 | 0.96 | 54.70 | 101 | 1647 | 104 | 18.41 | 30.58 | 173 | 1540 | 271 | 0 | 77.1 |
| SX Canyon RR | 103 | 346.0 | 100 | 10832 | 106 | 0.95 | 53.83 | 100 | 1674 | 106 | 18.25 | 31.58 | 159 | 1547 | 267 | 2 | 81.5 |
| SX Cruze RR | 121 | 319.5 | 92 | 10190 | 99 | 1.10 | 46.25 | 86 | 1465 | 92 | 17.08 | 32.14 | 203 | 1600 | 358 | 0 | 60.3 |
| SX Marathon RR | 111 | 347.2 | 100 | 11063 | 108 | 0.94 | 54.20 | 101 | 1717 | 108 | 18.30 | 32.08 | 149 | 1549 | 262 | 0 | 83.3 |
| Experimental Trial (Comm status) | | | | | | | | | | | | | | | | | |
| BTS 8735 | 250 | 354.1 | 102 | 10770 | 105 | 0.93 | 56.10 | 104 | 1689 | 107 | 18.63 | 30.77 | 177 | 1379 | 292 | 0 | 85.8 |
| BTS 8749 | 243 | 347.6 | 100 | 10289 | 100 | 1.01 | 54.31 | 101 | 1596 | 101 | 18.40 | 29.85 | 166 | 1587 | 302 | 0 | 85.0 |
| BTS 8767 | 225 | 344.7 | 100 | 10810 | 105 | 0.97 | 53.49 | 99 | 1664 | 105 | 18.21 | 31.63 | 174 | 1552 | 281 | 0 | 87.6 |
| BTS 8784 | 210 | 358.0 | 103 | 10483 | 102 | 0.93 | 57.22 | 106 | 1667 | 105 | 18.82 | 29.42 | 134 | 1391 | 302 | 0 | 84.9 |
| Crystal 684RR | 227 | 342.3 | 99 | 11480 | 112 | 1.02 | 52.81 | 98 | 1756 | 111 | 18.13 | 33.86 | 194 | 1596 | 299 | 0 | 87.8 |
| Crystal 792RR | 240 | 349.9 | 101 | 10791 | 105 | 0.98 | 54.97 | 102 | 1684 | 106 | 18.48 | 31.04 | 153 | 1471 | 312 | 0 | 85.4 |
| Crystal 793RR | 238 | 356.7 | 103 | 11373 | 111 | 0.90 | 56.87 | 105 | 1804 | 114 | 18.74 | 32.05 | 143 | 1394 | 276 | 6 | 85.1 |
| Crystal 796RR | 231 | 345.4 | 100 | 11306 | 110 | 0.96 | 53.70 | 100 | 1743 | 110 | 18.24 | 33.04 | 159 | 1522 | 285 | 0 | 87.2 |
| Hilleshög HIL9920 | 223 | 355.2 | 103 | 10745 | 105 | 0.94 | 56.44 | 105 | 1695 | 107 | 18.69 | 30.47 | 171 | 1531 | 256 | 0 | 85.5 |
| Maribo MA717 | 248 | 354.4 | 102 | 10573 | 103 | 0.96 | 56.21 | 104 | 1666 | 105 | 18.68 | 30.02 | 177 | 1486 | 290 | 0 | 87.2 |
| SV RR371 | 202 | 346.0 | 100 | 10508 | 102 | 0.94 | 53.84 | 100 | 1622 | 102 | 18.24 | 30.60 | 154 | 1535 | 268 | 0 | 82.9 |
| SX RR1879 | 219 | 347.1 | 100 | 10680 | 104 | 0.92 | 54.16 | 100 | 1652 | 104 | 18.28 | 31.09 | 151 | 1503 | 259 | 0 | 85.2 |
| Comm Benchmark Mean | | 346.3 | | 10254 | | 1.03 | 53.92 | | 1585 | | 18.35 | 29.87 | 175 | 1587 | 316 | | 85.6 |
| Trial Mean | | 344.8 | | 10609 | | 0.98 | 53.49 | | 1633 | | 18.22 | 31.06 | 175 | 1543 | 287 | | 81.4 |
| Coeff. of Var. (%) | | 2.9 | | 6 | | 8.07 | 5.33 | | 7 | | 2.57 | 5.03 | 23 | 5 | 16 | | 7.2 |
| Mean LSD (0.05) | | 4.72 | | 332.8 | | 0.05 | 1.35 | | 62.06 | | 0.22 | 0.92 | 18.6 | 39.43 | 27.97 | | 2.54 |
| Mean LSD (0.01) | | 6.2 | | 438 | | 0.06 | 1.78 | | 82 | | 0.29 | 1.21 | 25 | 52 | 37 | | 3.4 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from 10 sites

Bolters per acre are based upon 45,000 plants per acre.

Created 11/5/2018

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

Trial # = 18ACSEXP

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

2018 Performance of Approved RR Varieties - ACSC Official Trials
Casselton ND

| Description @ | Code | Rec/T lbs. | Rec/T %Bnch | Rec/A lbs. | Rec/A %Bnch | Loss Mol % | Rev/T \$ ++ | Rev/T %Bnch | Rev/A \$ ++ | Rev/A %Bnch | Sugar % | Yield T/A | Na ppm | K ppm | AmN ppm | Bolter per Ac | Emerg. % |
|---|------|------------|-------------|------------|-------------|------------|-------------|-------------|-------------|-------------|---------|-----------|--------|-------|---------|---------------|----------|
| Commercial Trial | | | | | | | | | | | | | | | | | |
| BTS 80RR52 | 130 | 337.5 | 102 | 10526 | 95 | 1.12 | 51.41 | 103 | 1610 | 97 | 17.98 | 31.04 | 122 | 1670 | 376 | 0 | 84.3 |
| BTS 8337 | 119 | 339.2 | 102 | 9874 | 89 | 1.12 | 51.90 | 104 | 1516 | 91 | 18.10 | 29.08 | 132 | 1800 | 350 | 0 | 82.8 |
| BTS 8500 | 124 | 326.6 | 98 | 11606 | 104 | 1.14 | 48.28 | 97 | 1721 | 103 | 17.48 | 35.58 | 135 | 1725 | 376 | 0 | 89.5 |
| BTS 8524 | 127 | 317.0 | 95 | 12261 | 110 | 1.18 | 45.55 | 91 | 1760 | 106 | 17.03 | 38.62 | 146 | 1700 | 413 | 0 | 85.9 |
| BTS 8606 | 106 | 334.4 | 101 | 10861 | 98 | 1.03 | 50.51 | 101 | 1647 | 99 | 17.74 | 32.17 | 134 | 1755 | 293 | 0 | 85.3 |
| BTS 8629 | 110 | 328.2 | 99 | 12484 | 112 | 1.09 | 48.76 | 98 | 1857 | 112 | 17.51 | 38.07 | 141 | 1640 | 360 | 0 | 78.5 |
| Crystal 093RR | 126 | 343.5 | 103 | 11284 | 101 | 1.15 | 53.13 | 106 | 1735 | 104 | 18.35 | 33.16 | 114 | 1740 | 389 | 0 | 88.6 |
| Crystal 247RR | 113 | 339.0 | 102 | 11834 | 106 | 1.04 | 51.83 | 104 | 1811 | 109 | 17.98 | 34.96 | 145 | 1801 | 271 | 0 | 86.2 |
| Crystal 355RR | 109 | 336.8 | 101 | 10919 | 98 | 1.27 | 51.22 | 103 | 1654 | 99 | 18.13 | 32.67 | 145 | 1883 | 432 | 0 | 92.8 |
| Crystal 467RR | 120 | 329.0 | 99 | 11580 | 104 | 1.17 | 48.96 | 98 | 1712 | 103 | 17.62 | 35.50 | 177 | 1867 | 341 | 0 | 84.5 |
| Crystal 572RR | 112 | 346.5 | 104 | 11298 | 102 | 1.10 | 53.99 | 108 | 1758 | 106 | 18.44 | 32.67 | 123 | 1663 | 375 | 0 | 83.9 |
| Crystal 573RR | 101 | 337.3 | 102 | 11516 | 104 | 1.07 | 51.37 | 103 | 1757 | 106 | 17.92 | 33.98 | 124 | 1725 | 325 | 0 | 90.4 |
| Crystal 574RR | 114 | 327.7 | 99 | 11669 | 105 | 1.13 | 48.61 | 97 | 1748 | 105 | 17.51 | 35.21 | 144 | 1798 | 349 | 0 | 83.2 |
| Crystal 578RR | 115 | 333.0 | 100 | 10903 | 98 | 1.16 | 50.11 | 100 | 1636 | 98 | 17.79 | 32.71 | 136 | 1813 | 361 | 0 | 86.3 |
| Hilleshög HM4302RR | 107 | 338.9 | 102 | 11153 | 100 | 1.06 | 51.81 | 104 | 1692 | 102 | 18.01 | 33.17 | 148 | 1870 | 274 | 0 | 87.3 |
| Hilleshög HM4448RR | 125 | 332.5 | 100 | 12221 | 110 | 1.06 | 49.97 | 100 | 1828 | 110 | 17.69 | 36.91 | 121 | 1593 | 361 | 0 | 84.4 |
| Hilleshög HM9528RR | 117 | 333.4 | 100 | 12210 | 110 | 1.03 | 50.22 | 101 | 1843 | 111 | 17.72 | 36.60 | 138 | 1710 | 299 | 0 | 82.8 |
| Hilleshög HIL9708 | 131 | 337.0 | 101 | 12347 | 111 | 0.99 | 51.28 | 103 | 1903 | 114 | 17.85 | 36.27 | 140 | 1647 | 281 | 0 | 85.3 |
| Maribo MA109 | 128 | 333.4 | 100 | 10509 | 94 | 1.00 | 50.24 | 101 | 1587 | 95 | 17.67 | 31.55 | 146 | 1639 | 284 | 0 | 77.1 |
| Maribo MA305 | 102 | 314.4 | 95 | 11002 | 99 | 1.05 | 44.80 | 90 | 1591 | 96 | 16.77 | 34.70 | 167 | 1675 | 313 | 0 | 83.2 |
| Maribo MA502 | 116 | 321.7 | 97 | 10920 | 98 | 1.25 | 46.88 | 94 | 1595 | 96 | 17.33 | 33.91 | 172 | 1883 | 406 | 0 | 83.3 |
| Maribo MA504 | 122 | 328.0 | 99 | 12994 | 117 | 1.16 | 48.70 | 98 | 1925 | 116 | 17.56 | 39.76 | 153 | 1711 | 388 | 0 | 86.2 |
| SV RR265 | 108 | 340.5 | 102 | 11304 | 102 | 1.06 | 52.28 | 105 | 1730 | 104 | 18.07 | 33.19 | 122 | 1816 | 296 | 0 | 85.2 |
| SV RR266 | 118 | 335.6 | 101 | 11534 | 104 | 1.05 | 50.86 | 102 | 1763 | 106 | 17.82 | 34.03 | 123 | 1798 | 293 | 0 | 76.4 |
| SV RR268 | 132 | 335.4 | 101 | 11665 | 105 | 1.04 | 50.81 | 102 | 1775 | 107 | 17.79 | 34.66 | 119 | 1698 | 307 | 0 | 81.7 |
| SV RR333 | 123 | 338.3 | 102 | 10986 | 99 | 1.17 | 51.63 | 103 | 1667 | 100 | 18.08 | 32.55 | 128 | 1832 | 368 | 0 | 77.9 |
| SV RR351 | 104 | 336.2 | 101 | 11068 | 100 | 1.00 | 51.04 | 102 | 1671 | 100 | 17.82 | 33.03 | 132 | 1818 | 246 | 0 | 83.1 |
| SX Avalanche RR | 129 | 346.6 | 104 | 11061 | 99 | 1.06 | 54.03 | 108 | 1709 | 103 | 18.37 | 32.23 | 132 | 1710 | 310 | 0 | 83.5 |
| SX Bronco RR(1863) | 105 | 334.4 | 101 | 11603 | 104 | 1.09 | 50.53 | 101 | 1758 | 106 | 17.81 | 34.56 | 140 | 1789 | 325 | 0 | 81.5 |
| SX Canyon RR | 103 | 342.6 | 103 | 11517 | 104 | 1.10 | 52.88 | 106 | 1774 | 107 | 18.24 | 33.81 | 128 | 1798 | 326 | 0 | 83.6 |
| SX Cruze RR | 121 | 294.3 | 89 | 9728 | 87 | 1.34 | 39.03 | 78 | 1291 | 78 | 16.05 | 33.13 | 173 | 1817 | 493 | 0 | 58.2 |
| SX Marathon RR | 111 | 335.0 | 101 | 10693 | 96 | 1.05 | 50.71 | 102 | 1608 | 97 | 17.82 | 32.12 | 127 | 1825 | 286 | 0 | 89.2 |
| Experimental Trial (Comm status) | | | | | | | | | | | | | | | | | |
| BTS 8735 | 250 | 337.1 | 101 | 11899 | 107 | 0.97 | 51.25 | 103 | 1803 | 108 | 17.83 | 34.99 | 120 | 1552 | 288 | 0 | 86.6 |
| BTS 8749 | 243 | 324.8 | 98 | 10339 | 93 | 1.24 | 47.84 | 96 | 1511 | 91 | 17.46 | 32.02 | 141 | 1803 | 427 | 0 | 84.1 |
| BTS 8767 | 225 | 331.9 | 100 | 10808 | 97 | 1.14 | 49.81 | 100 | 1619 | 97 | 17.74 | 32.67 | 134 | 1671 | 388 | 0 | 90.9 |
| BTS 8784 | 210 | 338.7 | 102 | 11320 | 102 | 1.12 | 51.69 | 104 | 1732 | 104 | 18.07 | 33.50 | 120 | 1615 | 399 | 0 | 83.6 |
| Crystal 684RR | 227 | 316.2 | 95 | 12242 | 110 | 1.23 | 45.48 | 91 | 1778 | 107 | 17.03 | 38.47 | 157 | 1815 | 411 | 0 | 88.2 |
| Crystal 792RR | 240 | 334.2 | 101 | 11750 | 106 | 1.11 | 50.46 | 101 | 1773 | 107 | 17.83 | 35.27 | 117 | 1613 | 393 | 0 | 89.4 |
| Crystal 793RR | 238 | 335.9 | 101 | 11137 | 100 | 1.09 | 50.90 | 102 | 1673 | 100 | 17.88 | 33.22 | 115 | 1542 | 393 | 0 | 89.1 |
| Crystal 796RR | 231 | 328.5 | 99 | 11914 | 107 | 1.12 | 48.88 | 98 | 1786 | 107 | 17.55 | 35.74 | 136 | 1669 | 376 | 0 | 80.7 |
| Hilleshög HIL9920 | 223 | 338.2 | 102 | 11778 | 106 | 1.11 | 51.54 | 103 | 1781 | 107 | 18.01 | 35.14 | 137 | 1761 | 332 | 0 | 86.7 |
| Maribo MA717 | 248 | 337.8 | 102 | 11292 | 102 | 1.10 | 51.44 | 103 | 1713 | 103 | 17.98 | 33.65 | 144 | 1610 | 378 | 0 | 79.2 |
| SV RR371 | 202 | 332.4 | 100 | 11006 | 99 | 1.06 | 49.94 | 100 | 1645 | 99 | 17.68 | 33.10 | 124 | 1731 | 310 | 0 | 82.4 |
| SX RR1879 | 219 | 331.1 | 100 | 11894 | 107 | 1.02 | 49.61 | 99 | 1784 | 107 | 17.59 | 35.75 | 125 | 1736 | 277 | 0 | 78.9 |
| Comm Benchmark Mean | | 332.2 | | 11121 | | 1.19 | 49.90 | | 1665 | | 17.80 | 33.56 | 142 | 1808 | 389 | | 83.1 |
| Trial Mean | | 331.7 | | 11318 | | 1.11 | 49.76 | | 1696 | | 17.70 | 34.14 | 140 | 1766 | 342 | | 83.7 |
| Coeff. of Var. (%) | | 2.5 | | 7 | | 9.34 | 4.85 | | 8 | | 2.31 | 6.08 | 13 | 8 | 20 | | 7.6 |
| Mean LSD (0.05) | | 11.02 | | 1021 | | 0.14 | 3.16 | | 175.6 | | 0.53 | 2.88 | 23.5 | 177.5 | 92.81 | | 8.13 |
| Mean LSD (0.01) | | 14.6 | | 1350 | | 0.19 | 4.17 | | 232 | | 0.70 | 3.80 | 31 | 234 | 123 | | 10.7 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from Casselton ND Bolters per acre are based upon 45,000 plants per acre.

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

Created 11/2/2018

Trial # = 188301

2018 Performance of Approved RR Varieties - ACSC Official Trials
Glyndon MN

| Description @ | Code | Rec/T lbs. | Rec/T %Bnch | Rec/A lbs. | Rec/A %Bnch | Loss Mol % | Rev/T \$++ | Rev/T %Bnch | Rev/A \$++ | Rev/A %Bnch | Sugar % | Yield T/A | Na ppm | K ppm | AmN ppm | Bolter per Ac | Emerg. % |
|---|------|------------|-------------|------------|-------------|------------|------------|-------------|------------|-------------|---------|-----------|--------|-------|---------|---------------|----------|
| Commercial Trial | | | | | | | | | | | | | | | | | |
| BTS 80RR52 | 130 | 319.9 | 100 | 8200 | 98 | 1.05 | 46.38 | 100 | 1194 | 98 | 17.03 | 25.61 | 219 | 1413 | 352 | 0 | 81.8 |
| BTS 8337 | 119 | 338.3 | 106 | 8936 | 106 | 0.99 | 51.63 | 111 | 1360 | 111 | 17.90 | 26.38 | 207 | 1414 | 314 | 0 | 79.9 |
| BTS 8500 | 124 | 320.9 | 100 | 9510 | 113 | 1.04 | 46.66 | 100 | 1375 | 113 | 17.08 | 29.74 | 235 | 1400 | 347 | 0 | 86.1 |
| BTS 8524 | 127 | 301.4 | 94 | 8618 | 103 | 1.11 | 41.07 | 88 | 1182 | 97 | 16.18 | 28.51 | 261 | 1511 | 362 | 0 | 79.9 |
| BTS 8606 | 106 | 323.2 | 101 | 8539 | 102 | 1.00 | 47.31 | 102 | 1252 | 103 | 17.14 | 26.40 | 201 | 1408 | 324 | 0 | 74.0 |
| BTS 8629 | 110 | 320.6 | 100 | 10167 | 121 | 1.09 | 46.58 | 100 | 1475 | 121 | 17.13 | 31.77 | 271 | 1342 | 386 | 0 | 68.0 |
| Crystal 093RR | 126 | 334.3 | 104 | 9194 | 109 | 1.00 | 50.49 | 109 | 1394 | 114 | 17.71 | 27.32 | 183 | 1382 | 343 | 0 | 78.1 |
| Crystal 247RR | 113 | 322.0 | 101 | 8950 | 107 | 1.02 | 46.96 | 101 | 1311 | 107 | 17.10 | 27.68 | 276 | 1392 | 315 | 0 | 78.2 |
| Crystal 355RR | 109 | 327.8 | 102 | 7921 | 94 | 1.03 | 48.64 | 105 | 1172 | 96 | 17.42 | 24.01 | 194 | 1439 | 344 | 0 | 75.5 |
| Crystal 467RR | 120 | 314.0 | 98 | 9341 | 111 | 1.06 | 44.68 | 96 | 1332 | 109 | 16.77 | 29.71 | 335 | 1352 | 339 | 0 | 83.1 |
| Crystal 572RR | 112 | 330.3 | 103 | 9209 | 110 | 0.94 | 49.36 | 106 | 1365 | 112 | 17.46 | 28.05 | 190 | 1287 | 320 | 0 | 75.5 |
| Crystal 573RR | 101 | 332.2 | 104 | 8763 | 104 | 0.93 | 49.88 | 107 | 1312 | 107 | 17.54 | 26.18 | 186 | 1368 | 292 | 0 | 84.6 |
| Crystal 574RR | 114 | 325.0 | 101 | 9769 | 116 | 1.02 | 47.83 | 103 | 1431 | 117 | 17.27 | 30.21 | 206 | 1442 | 337 | 0 | 77.4 |
| Crystal 578RR | 115 | 326.2 | 102 | 8469 | 101 | 0.97 | 48.16 | 104 | 1256 | 103 | 17.28 | 25.76 | 239 | 1383 | 297 | 0 | 78.8 |
| Hilleshög HM4302RR | 107 | 319.7 | 100 | 8670 | 103 | 0.99 | 46.32 | 100 | 1261 | 103 | 16.98 | 27.09 | 275 | 1386 | 293 | 0 | 73.8 |
| Hilleshög HM4448RR | 125 | 323.8 | 101 | 8930 | 106 | 0.95 | 47.49 | 102 | 1313 | 108 | 17.15 | 27.60 | 191 | 1327 | 313 | 0 | 72.2 |
| Hilleshög HM9528RR | 117 | 323.1 | 101 | 9717 | 116 | 0.94 | 47.27 | 102 | 1422 | 117 | 17.09 | 29.97 | 252 | 1320 | 288 | 0 | 79.9 |
| Hilleshög HIL9708 | 131 | 310.2 | 97 | 8812 | 105 | 0.95 | 43.59 | 94 | 1237 | 101 | 16.47 | 28.28 | 246 | 1279 | 308 | 0 | 87.8 |
| Maribo MA109 | 128 | 326.8 | 102 | 7829 | 93 | 0.96 | 48.35 | 104 | 1162 | 95 | 17.31 | 23.88 | 220 | 1349 | 306 | 0 | 67.9 |
| Maribo MA305 | 102 | 309.5 | 97 | 9230 | 110 | 0.93 | 43.40 | 93 | 1296 | 106 | 16.41 | 29.84 | 235 | 1250 | 306 | 0 | 69.5 |
| Maribo MA502 | 116 | 313.1 | 98 | 8980 | 107 | 0.99 | 44.43 | 96 | 1273 | 104 | 16.63 | 28.81 | 247 | 1375 | 306 | 0 | 71.1 |
| Maribo MA504 | 122 | 317.7 | 99 | 8967 | 107 | 0.97 | 45.73 | 98 | 1300 | 107 | 16.87 | 28.08 | 238 | 1344 | 309 | 0 | 82.5 |
| SV RR265 | 108 | 331.4 | 103 | 9751 | 116 | 0.92 | 49.66 | 107 | 1452 | 119 | 17.49 | 29.64 | 162 | 1377 | 291 | 0 | 83.3 |
| SV RR266 | 118 | 317.9 | 99 | 9045 | 108 | 0.94 | 45.79 | 99 | 1305 | 107 | 16.85 | 28.50 | 207 | 1338 | 299 | 0 | 65.2 |
| SV RR268 | 132 | 326.8 | 102 | 9155 | 109 | 0.94 | 48.34 | 104 | 1359 | 111 | 17.29 | 28.11 | 189 | 1380 | 292 | 0 | 82.8 |
| SV RR333 | 123 | 333.4 | 104 | 9136 | 109 | 0.87 | 50.25 | 108 | 1379 | 113 | 17.54 | 27.37 | 161 | 1326 | 267 | 0 | 70.9 |
| SV RR351 | 104 | 329.7 | 103 | 9370 | 112 | 0.93 | 49.17 | 106 | 1395 | 114 | 17.42 | 28.43 | 163 | 1380 | 299 | 0 | 78.7 |
| SX Avalanche RR | 129 | 320.8 | 100 | 8545 | 102 | 0.94 | 46.62 | 100 | 1239 | 102 | 16.98 | 26.63 | 206 | 1331 | 300 | 0 | 78.0 |
| SX Bronco RR(1863) | 105 | 324.8 | 101 | 8949 | 106 | 1.00 | 47.77 | 103 | 1318 | 108 | 17.24 | 27.41 | 235 | 1366 | 326 | 0 | 76.1 |
| SX Canyon RR | 103 | 321.6 | 100 | 9315 | 111 | 0.91 | 46.84 | 101 | 1357 | 111 | 16.99 | 29.00 | 179 | 1375 | 276 | 0 | 78.1 |
| SX Cruze RR | 121 | 295.4 | 92 | 9293 | 111 | 1.10 | 39.35 | 85 | 1239 | 102 | 15.87 | 31.46 | 249 | 1477 | 374 | 0 | 56.1 |
| SX Marathon RR | 111 | 323.6 | 101 | 9484 | 113 | 0.91 | 47.43 | 102 | 1393 | 114 | 17.11 | 29.19 | 166 | 1413 | 273 | 0 | 81.7 |
| Experimental Trial (Comm status) | | | | | | | | | | | | | | | | | |
| BTS 8735 | 250 | 333.6 | 104 | 9518 | 113 | 1.13 | 50.19 | 108 | 1433 | 117 | 17.78 | 28.65 | 284 | 1271 | 431 | 0 | 84.8 |
| BTS 8749 | 243 | 330.1 | 103 | 9083 | 108 | 1.04 | 49.22 | 106 | 1355 | 111 | 17.54 | 27.57 | 224 | 1443 | 334 | 0 | 83.2 |
| BTS 8767 | 225 | 319.1 | 100 | 9679 | 115 | 1.09 | 46.15 | 99 | 1405 | 115 | 17.04 | 30.36 | 279 | 1462 | 349 | 0 | 82.0 |
| BTS 8784 | 210 | 331.5 | 103 | 8561 | 102 | 0.96 | 49.60 | 107 | 1284 | 105 | 17.51 | 25.90 | 157 | 1229 | 352 | 0 | 90.2 |
| Crystal 684RR | 227 | 320.3 | 100 | 9872 | 117 | 1.05 | 46.47 | 100 | 1442 | 118 | 17.07 | 30.73 | 252 | 1396 | 340 | 0 | 90.2 |
| Crystal 792RR | 240 | 326.3 | 102 | 9433 | 112 | 1.05 | 48.16 | 104 | 1396 | 114 | 17.35 | 28.91 | 201 | 1273 | 389 | 0 | 88.3 |
| Crystal 793RR | 238 | 337.0 | 105 | 9903 | 118 | 0.92 | 51.14 | 110 | 1505 | 123 | 17.77 | 29.45 | 199 | 1251 | 308 | 0 | 86.3 |
| Crystal 796RR | 231 | 325.4 | 102 | 9374 | 112 | 1.02 | 47.90 | 103 | 1381 | 113 | 17.27 | 29.00 | 204 | 1357 | 348 | 0 | 88.3 |
| Hilleshög HIL9920 | 223 | 326.6 | 102 | 8968 | 107 | 0.93 | 48.25 | 104 | 1327 | 109 | 17.26 | 27.42 | 228 | 1338 | 266 | 0 | 84.4 |
| Maribo MA717 | 248 | 329.4 | 103 | 8848 | 105 | 0.92 | 49.00 | 105 | 1317 | 108 | 17.37 | 26.86 | 212 | 1356 | 272 | 0 | 87.1 |
| SV RR371 | 202 | 317.8 | 99 | 8823 | 105 | 0.95 | 45.81 | 99 | 1272 | 104 | 16.84 | 27.85 | 181 | 1396 | 299 | 0 | 80.9 |
| SX RR1879 | 219 | 319.6 | 100 | 8864 | 105 | 0.96 | 46.28 | 100 | 1286 | 105 | 16.92 | 27.87 | 191 | 1375 | 306 | 0 | 87.5 |
| Comm Benchmark Mean | | 320.3 | | 8404 | | 1.04 | 46.48 | | 1221 | | 17.05 | 26.26 | 212 | 1438 | 342 | | 81.6 |
| Trial Mean | | 321.1 | | 8944 | | 0.98 | 46.71 | | 1301 | | 17.04 | 27.86 | 220 | 1376 | 316 | | 76.8 |
| Coeff. of Var. (%) | | 3.4 | | 6 | | 7.76 | 6.70 | | 8 | | 2.99 | 4.39 | 24 | 5 | 12 | | 8.9 |
| Mean LSD (0.05) | | 13.24 | | 624.1 | | 0.1 | 3.79 | | 128.8 | | 0.61 | 1.56 | 63.5 | 85.37 | 50.16 | | 8.07 |
| Mean LSD (0.01) | | 17.5 | | 824 | | 0.13 | 5.01 | | 170 | | 0.81 | 2.06 | 84 | 113 | 66 | | 10.7 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from Glyndon MN Bolters per acre are based upon 45,000 plants per acre.

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

Created 11/2/2018

Trial # = 188302

2018 Performance of Approved RR Varieties - ACSC Official Trials
Ada MN

| Description @ | Code | Rec/T lbs. | Rec/T %Bnch | Rec/A lbs. | Rec/A %Bnch | Loss Mol % | Rev/T \$ ++ | Rev/T %Bnch | Rev/A \$ ++ | Rev/A %Bnch | Sugar % | Yield T/A | Na ppm | K ppm | AmN ppm | Bolter per Ac | Emerg. % |
|---|------|------------|-------------|------------|-------------|------------|-------------|-------------|-------------|-------------|---------|-----------|--------|-------|---------|---------------|----------|
| Commercial Trial | | | | | | | | | | | | | | | | | |
| BTS 80RR52 | 130 | 335.3 | 99 | 11043 | 95 | 0.83 | 50.78 | 98 | 1673 | 94 | 17.60 | 32.90 | 144 | 1384 | 226 | 0 | 92.5 |
| BTS 8337 | 119 | 348.4 | 103 | 11760 | 101 | 0.75 | 54.54 | 105 | 1842 | 103 | 18.18 | 33.72 | 133 | 1342 | 181 | 0 | 88.3 |
| BTS 8500 | 124 | 331.6 | 98 | 13424 | 115 | 0.79 | 49.73 | 96 | 2013 | 113 | 17.37 | 40.48 | 156 | 1372 | 191 | 0 | 92.1 |
| BTS 8524 | 127 | 322.3 | 95 | 12793 | 110 | 0.86 | 47.06 | 91 | 1868 | 105 | 16.98 | 39.73 | 189 | 1449 | 216 | 0 | 90.6 |
| BTS 8606 | 106 | 336.5 | 99 | 12315 | 106 | 0.75 | 51.12 | 99 | 1871 | 105 | 17.58 | 36.64 | 152 | 1298 | 182 | 0 | 91.7 |
| BTS 8629 | 110 | 336.2 | 99 | 13873 | 119 | 0.72 | 51.05 | 99 | 2106 | 118 | 17.53 | 41.26 | 162 | 1228 | 175 | 0 | 81.8 |
| Crystal 093RR | 126 | 347.1 | 102 | 12308 | 106 | 0.82 | 54.15 | 105 | 1921 | 108 | 18.18 | 35.43 | 126 | 1346 | 234 | 0 | 93.4 |
| Crystal 247RR | 113 | 334.1 | 99 | 12679 | 109 | 0.76 | 50.43 | 97 | 1912 | 107 | 17.46 | 37.98 | 187 | 1317 | 168 | 0 | 94.3 |
| Crystal 355RR | 109 | 340.4 | 100 | 10325 | 89 | 0.84 | 52.23 | 101 | 1585 | 89 | 17.86 | 30.33 | 169 | 1369 | 225 | 0 | 94.3 |
| Crystal 467RR | 120 | 330.5 | 98 | 12554 | 108 | 0.75 | 49.40 | 95 | 1878 | 105 | 17.28 | 37.94 | 162 | 1362 | 162 | 0 | 94.3 |
| Crystal 572RR | 112 | 346.5 | 102 | 12725 | 109 | 0.77 | 53.98 | 104 | 1983 | 111 | 18.09 | 36.71 | 133 | 1284 | 206 | 0 | 95.7 |
| Crystal 573RR | 101 | 343.2 | 101 | 13182 | 113 | 0.74 | 53.05 | 102 | 2037 | 114 | 17.90 | 38.40 | 137 | 1302 | 179 | 0 | 96.0 |
| Crystal 574RR | 114 | 332.4 | 98 | 13591 | 117 | 0.80 | 49.96 | 96 | 2045 | 115 | 17.42 | 40.83 | 153 | 1346 | 205 | 0 | 92.3 |
| Crystal 578RR | 115 | 339.1 | 100 | 12642 | 108 | 0.75 | 51.87 | 100 | 1934 | 108 | 17.71 | 37.35 | 148 | 1313 | 180 | 0 | 96.6 |
| Hilleshög HM4302RR | 107 | 329.4 | 97 | 11457 | 98 | 0.75 | 49.10 | 95 | 1708 | 96 | 17.23 | 34.83 | 182 | 1350 | 159 | 0 | 89.8 |
| Hilleshög HM4448RR | 125 | 327.7 | 97 | 12976 | 111 | 0.73 | 48.60 | 94 | 1925 | 108 | 17.12 | 39.56 | 166 | 1258 | 175 | 0 | 94.4 |
| Hilleshög HM9528RR | 117 | 324.9 | 96 | 12581 | 108 | 0.71 | 47.80 | 92 | 1847 | 104 | 16.96 | 38.73 | 161 | 1220 | 168 | 0 | 87.1 |
| Hilleshög HIL9708 | 131 | 330.5 | 98 | 12545 | 108 | 0.76 | 49.42 | 95 | 1875 | 105 | 17.28 | 38.00 | 199 | 1288 | 172 | 0 | 90.4 |
| Maribo MA109 | 128 | 342.5 | 101 | 11240 | 96 | 0.71 | 52.86 | 102 | 1734 | 97 | 17.84 | 32.79 | 138 | 1245 | 173 | 0 | 84.6 |
| Maribo MA305 | 102 | 323.2 | 95 | 12469 | 107 | 0.69 | 47.32 | 91 | 1826 | 102 | 16.85 | 38.60 | 157 | 1191 | 164 | 0 | 86.3 |
| Maribo MA502 | 116 | 324.7 | 96 | 12003 | 103 | 0.82 | 47.73 | 92 | 1767 | 99 | 17.06 | 36.90 | 233 | 1373 | 186 | 0 | 93.8 |
| Maribo MA504 | 122 | 325.7 | 96 | 13726 | 118 | 0.74 | 48.03 | 93 | 2024 | 114 | 17.02 | 42.14 | 182 | 1284 | 164 | 0 | 91.2 |
| SV RR265 | 108 | 327.0 | 97 | 12504 | 107 | 0.68 | 48.41 | 93 | 1850 | 104 | 17.02 | 38.24 | 146 | 1193 | 155 | 0 | 91.6 |
| SV RR266 | 118 | 331.7 | 98 | 12569 | 108 | 0.71 | 49.75 | 96 | 1887 | 106 | 17.29 | 37.87 | 153 | 1258 | 160 | 0 | 78.3 |
| SV RR268 | 132 | 337.8 | 100 | 12703 | 109 | 0.74 | 51.50 | 99 | 1937 | 109 | 17.63 | 37.63 | 148 | 1310 | 174 | 0 | 87.9 |
| SV RR333 | 123 | 336.9 | 99 | 12383 | 106 | 0.73 | 51.23 | 99 | 1883 | 106 | 17.57 | 36.73 | 150 | 1263 | 177 | 0 | 80.0 |
| SV RR351 | 104 | 328.1 | 97 | 12583 | 108 | 0.72 | 48.70 | 94 | 1868 | 105 | 17.12 | 38.35 | 140 | 1259 | 174 | 0 | 84.4 |
| SX Avalanche RR | 129 | 336.9 | 99 | 11359 | 97 | 0.74 | 51.23 | 99 | 1724 | 97 | 17.58 | 33.78 | 157 | 1269 | 176 | 0 | 89.2 |
| SX Bronco RR(1863) | 105 | 333.5 | 98 | 12273 | 105 | 0.73 | 50.25 | 97 | 1851 | 104 | 17.40 | 36.76 | 179 | 1256 | 164 | 0 | 83.8 |
| SX Canyon RR | 103 | 325.7 | 96 | 12699 | 109 | 0.71 | 48.03 | 93 | 1873 | 105 | 17.00 | 38.98 | 150 | 1229 | 168 | 0 | 88.1 |
| SX Cruze RR | 121 | 310.4 | 92 | 12287 | 105 | 0.78 | 43.63 | 84 | 1728 | 97 | 16.30 | 39.56 | 213 | 1238 | 199 | 0 | 73.2 |
| SX Marathon RR | 111 | 334.0 | 99 | 12948 | 111 | 0.67 | 50.40 | 97 | 1954 | 110 | 17.37 | 38.81 | 112 | 1241 | 152 | 0 | 92.7 |
| Experimental Trial (Comm status) | | | | | | | | | | | | | | | | | |
| BTS 8735 | 250 | 340.4 | 100 | 12324 | 106 | 0.73 | 52.24 | 101 | 1889 | 106 | 17.76 | 36.11 | 144 | 1173 | 211 | 0 | 93.7 |
| BTS 8749 | 243 | 338.8 | 100 | 11421 | 98 | 0.76 | 51.78 | 100 | 1744 | 98 | 17.69 | 34.11 | 171 | 1355 | 165 | 0 | 95.3 |
| BTS 8767 | 225 | 336.0 | 99 | 11468 | 98 | 0.76 | 50.99 | 98 | 1737 | 97 | 17.56 | 34.54 | 164 | 1370 | 159 | 0 | 93.8 |
| BTS 8784 | 210 | 347.7 | 103 | 11684 | 100 | 0.76 | 54.27 | 105 | 1840 | 103 | 18.15 | 33.53 | 135 | 1232 | 213 | 0 | 93.8 |
| Crystal 684RR | 227 | 337.3 | 100 | 13263 | 114 | 0.82 | 51.34 | 99 | 2022 | 113 | 17.67 | 38.87 | 191 | 1368 | 205 | 0 | 94.9 |
| Crystal 792RR | 240 | 345.1 | 102 | 12048 | 103 | 0.74 | 53.54 | 103 | 1878 | 105 | 18.00 | 34.94 | 137 | 1278 | 186 | 0 | 94.9 |
| Crystal 793RR | 238 | 346.0 | 102 | 12784 | 110 | 0.71 | 53.79 | 104 | 1957 | 110 | 18.02 | 37.28 | 139 | 1244 | 173 | 0 | 98.4 |
| Crystal 796RR | 231 | 332.4 | 98 | 12216 | 105 | 0.81 | 49.97 | 96 | 1826 | 102 | 17.43 | 36.94 | 148 | 1360 | 210 | 0 | 92.6 |
| Hilleshög HIL9920 | 223 | 337.9 | 100 | 11837 | 102 | 0.74 | 51.55 | 100 | 1793 | 101 | 17.65 | 35.16 | 174 | 1304 | 169 | 0 | 90.3 |
| Maribo MA717 | 248 | 338.1 | 100 | 11635 | 100 | 0.70 | 51.60 | 100 | 1767 | 99 | 17.61 | 34.38 | 153 | 1253 | 155 | 0 | 95.7 |
| SV RR371 | 202 | 333.6 | 98 | 11801 | 101 | 0.73 | 50.32 | 97 | 1762 | 99 | 17.42 | 35.57 | 136 | 1302 | 172 | 0 | 91.8 |
| SX RR1879 | 219 | 331.1 | 98 | 11479 | 98 | 0.73 | 49.62 | 96 | 1712 | 96 | 17.29 | 34.88 | 164 | 1240 | 183 | 0 | 85.6 |
| Comm Benchmark Mean | | 338.9 | | 11658 | | 0.82 | 51.79 | | 1783 | | 17.77 | 34.39 | 162 | 1374 | 215 | | 93.6 |
| Trial Mean | | 331.8 | | 12374 | | 0.76 | 49.79 | | 1856 | | 17.35 | 37.31 | 164 | 1302 | 183 | | 89.6 |
| Coeff. of Var. (%) | | 3.2 | | 6 | | 6.88 | 6.18 | | 8 | | 3.06 | 4.72 | 26 | 5 | 12 | | 4.5 |
| Mean LSD (0.05) | | 12.37 | | 812.6 | | 0.06 | 3.54 | | 165.9 | | 0.61 | 2.03 | 50.7 | 77.33 | 25.77 | | 4.73 |
| Mean LSD (0.01) | | 16.3 | | 1072 | | 0.08 | 4.67 | | 219 | | 0.80 | 2.68 | 67 | 102 | 34 | | 6.2 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from Ada MN Bolters per acre are based upon 45,000 plants per acre.

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

Created 11/2/2018

Trial # = 188304

2018 Performance of Approved RR Varieties - ACSC Official Trials
Hillsboro ND

| Description @ | Code | Rec/T lbs. | Rec/T %Bnch | Rec/A lbs. | Rec/A %Bnch | Loss Mol % | Rev/T \$ ++ | Rev/T %Bnch | Rev/A \$ ++ | Rev/A %Bnch | Sugar % | Yield T/A | Na ppm | K ppm | AmN ppm | Bolter per Ac | Emerg. % |
|---|------|------------|-------------|------------|-------------|------------|-------------|-------------|-------------|-------------|---------|-----------|--------|-------|---------|---------------|----------|
| Commercial Trial | | | | | | | | | | | | | | | | | |
| BTS 80RR52 | 130 | 353.1 | 102 | 10934 | 101 | 1.05 | 55.89 | 104 | 1722 | 102 | 18.70 | 31.20 | 158 | 1680 | 309 | 0 | 93.0 |
| BTS 8337 | 119 | 352.1 | 102 | 10686 | 98 | 0.99 | 55.61 | 103 | 1691 | 101 | 18.59 | 30.20 | 152 | 1662 | 268 | 0 | 88.8 |
| BTS 8500 | 124 | 333.0 | 96 | 11700 | 108 | 1.02 | 50.13 | 93 | 1764 | 105 | 17.68 | 35.05 | 170 | 1669 | 286 | 0 | 95.9 |
| BTS 8524 | 127 | 336.8 | 97 | 11699 | 108 | 1.01 | 51.20 | 95 | 1770 | 105 | 17.85 | 34.89 | 165 | 1699 | 275 | 0 | 86.2 |
| BTS 8606 | 106 | 348.1 | 101 | 11626 | 107 | 0.99 | 54.46 | 101 | 1820 | 108 | 18.40 | 33.40 | 163 | 1649 | 269 | 0 | 89.3 |
| BTS 8629 | 110 | 337.7 | 98 | 11660 | 107 | 0.96 | 51.47 | 96 | 1781 | 106 | 17.85 | 34.40 | 171 | 1571 | 266 | 0 | 77.9 |
| Crystal 093RR | 126 | 358.1 | 104 | 10812 | 100 | 1.02 | 57.31 | 107 | 1729 | 103 | 18.93 | 30.35 | 141 | 1606 | 317 | 0 | 93.3 |
| Crystal 247RR | 113 | 328.4 | 95 | 10397 | 96 | 1.02 | 48.81 | 91 | 1541 | 92 | 17.44 | 31.74 | 202 | 1708 | 264 | 0 | 91.7 |
| Crystal 355RR | 109 | 347.8 | 101 | 10548 | 97 | 1.05 | 54.37 | 101 | 1647 | 98 | 18.44 | 30.25 | 149 | 1687 | 311 | 0 | 93.7 |
| Crystal 467RR | 120 | 335.5 | 97 | 11134 | 103 | 1.00 | 50.82 | 94 | 1684 | 100 | 17.78 | 33.25 | 188 | 1673 | 265 | 0 | 94.0 |
| Crystal 572RR | 112 | 348.2 | 101 | 11363 | 105 | 1.02 | 54.48 | 101 | 1781 | 106 | 18.42 | 32.55 | 137 | 1585 | 314 | 0 | 91.9 |
| Crystal 573RR | 101 | 356.2 | 103 | 11046 | 102 | 1.01 | 56.77 | 106 | 1762 | 105 | 18.82 | 30.98 | 136 | 1643 | 292 | 0 | 94.0 |
| Crystal 574RR | 114 | 339.5 | 98 | 11750 | 108 | 1.02 | 51.99 | 97 | 1802 | 107 | 18.00 | 34.57 | 145 | 1636 | 302 | 0 | 90.9 |
| Crystal 578RR | 115 | 333.8 | 97 | 10771 | 99 | 1.00 | 50.35 | 94 | 1625 | 97 | 17.69 | 32.30 | 192 | 1661 | 263 | 0 | 92.7 |
| Hilleshög HM4302RR | 107 | 341.7 | 99 | 10905 | 101 | 0.96 | 52.63 | 98 | 1673 | 99 | 18.04 | 31.93 | 168 | 1646 | 242 | 0 | 89.8 |
| Hilleshög HM4448RR | 125 | 328.9 | 95 | 10712 | 99 | 1.02 | 48.94 | 91 | 1592 | 95 | 17.46 | 32.63 | 178 | 1618 | 297 | 0 | 89.8 |
| Hilleshög HM9528RR | 117 | 336.0 | 97 | 10694 | 99 | 1.00 | 50.98 | 95 | 1623 | 96 | 17.80 | 31.85 | 173 | 1623 | 284 | 0 | 86.8 |
| Hilleshög HIL9708 | 131 | 341.6 | 99 | 11292 | 104 | 0.99 | 52.57 | 98 | 1743 | 104 | 18.07 | 33.01 | 162 | 1596 | 285 | 0 | 90.7 |
| Maribo MA109 | 128 | 350.3 | 101 | 9966 | 92 | 1.05 | 55.08 | 102 | 1565 | 93 | 18.56 | 28.49 | 191 | 1643 | 309 | 0 | 82.3 |
| Maribo MA305 | 102 | 319.4 | 92 | 10320 | 95 | 1.02 | 46.21 | 86 | 1495 | 89 | 16.99 | 32.24 | 185 | 1613 | 291 | 0 | 81.8 |
| Maribo MA502 | 116 | 330.6 | 96 | 10617 | 98 | 1.08 | 49.43 | 92 | 1590 | 95 | 17.61 | 32.11 | 210 | 1730 | 297 | 0 | 90.3 |
| Maribo MA504 | 122 | 338.0 | 98 | 11448 | 106 | 0.98 | 51.56 | 96 | 1749 | 104 | 17.89 | 33.86 | 171 | 1601 | 273 | 0 | 89.6 |
| SV RR265 | 108 | 338.7 | 98 | 11163 | 103 | 0.92 | 51.76 | 96 | 1705 | 101 | 17.86 | 32.99 | 134 | 1631 | 236 | 0 | 89.3 |
| SV RR266 | 118 | 343.6 | 99 | 11202 | 103 | 0.93 | 53.16 | 99 | 1728 | 103 | 18.10 | 32.74 | 138 | 1607 | 244 | 0 | 78.1 |
| SV RR268 | 132 | 349.6 | 101 | 11086 | 102 | 0.98 | 54.88 | 102 | 1738 | 103 | 18.46 | 31.81 | 147 | 1697 | 258 | 0 | 88.5 |
| SV RR333 | 123 | 347.1 | 100 | 10693 | 99 | 1.01 | 54.16 | 101 | 1667 | 99 | 18.36 | 30.81 | 177 | 1652 | 278 | 0 | 81.7 |
| SV RR351 | 104 | 333.8 | 97 | 10438 | 96 | 0.94 | 50.35 | 94 | 1579 | 94 | 17.63 | 31.25 | 145 | 1606 | 248 | 0 | 85.7 |
| SX Avalanche RR | 129 | 337.7 | 98 | 10183 | 94 | 0.99 | 51.46 | 96 | 1553 | 92 | 17.87 | 30.21 | 193 | 1653 | 258 | 0 | 86.5 |
| SX Bronco RR(1863) | 105 | 349.2 | 101 | 11194 | 103 | 0.93 | 54.75 | 102 | 1751 | 104 | 18.39 | 32.02 | 165 | 1611 | 235 | 0 | 80.0 |
| SX Canyon RR | 103 | 335.7 | 97 | 10999 | 101 | 0.98 | 50.89 | 95 | 1664 | 99 | 17.76 | 32.78 | 160 | 1647 | 261 | 0 | 85.7 |
| SX Cruze RR | 121 | 315.8 | 91 | 10885 | 100 | 1.08 | 45.20 | 84 | 1556 | 92 | 16.87 | 34.39 | 170 | 1700 | 322 | 0 | 67.7 |
| SX Marathon RR | 111 | 345.9 | 100 | 11770 | 108 | 0.96 | 53.81 | 100 | 1827 | 109 | 18.25 | 34.08 | 147 | 1684 | 242 | 0 | 87.0 |
| Experimental Trial (Comm status) | | | | | | | | | | | | | | | | | |
| BTS 8735 | 250 | 360.3 | 104 | 11434 | 105 | 0.96 | 57.93 | 108 | 1825 | 108 | 18.97 | 32.03 | 159 | 1530 | 283 | 0 | 95.0 |
| BTS 8749 | 243 | 341.3 | 99 | 10802 | 100 | 1.09 | 52.52 | 98 | 1667 | 99 | 18.15 | 31.60 | 156 | 1800 | 303 | 0 | 85.4 |
| BTS 8767 | 225 | 346.5 | 100 | 11420 | 105 | 1.00 | 54.00 | 100 | 1769 | 105 | 18.33 | 32.96 | 168 | 1649 | 282 | 0 | 94.0 |
| BTS 8784 | 210 | 360.5 | 104 | 10856 | 100 | 0.95 | 57.96 | 108 | 1737 | 103 | 18.96 | 30.24 | 165 | 1447 | 296 | 0 | 87.8 |
| Crystal 684RR | 227 | 340.6 | 98 | 12011 | 111 | 1.08 | 52.31 | 97 | 1837 | 109 | 18.09 | 35.62 | 195 | 1723 | 303 | 0 | 92.2 |
| Crystal 792RR | 240 | 350.8 | 101 | 11414 | 105 | 1.03 | 55.22 | 103 | 1787 | 106 | 18.57 | 32.64 | 164 | 1603 | 315 | 0 | 91.0 |
| Crystal 793RR | 238 | 360.1 | 104 | 12264 | 113 | 0.98 | 57.87 | 108 | 1967 | 117 | 18.98 | 34.10 | 139 | 1539 | 298 | 0 | 89.5 |
| Crystal 796RR | 231 | 348.7 | 101 | 12269 | 113 | 1.01 | 54.61 | 102 | 1925 | 114 | 18.45 | 35.37 | 149 | 1650 | 287 | 0 | 95.5 |
| Hilleshög HIL9920 | 223 | 359.6 | 104 | 11779 | 109 | 0.95 | 57.71 | 107 | 1876 | 112 | 18.92 | 32.94 | 161 | 1689 | 227 | 0 | 88.6 |
| Maribo MA717 | 248 | 352.6 | 102 | 11797 | 109 | 1.01 | 55.74 | 104 | 1858 | 110 | 18.65 | 33.51 | 174 | 1627 | 289 | 0 | 94.1 |
| SV RR371 | 202 | 341.9 | 99 | 10810 | 100 | 1.01 | 52.67 | 98 | 1653 | 98 | 18.10 | 31.91 | 199 | 1671 | 274 | 0 | 89.7 |
| SX RR1879 | 219 | 356.9 | 103 | 11007 | 101 | 0.95 | 56.96 | 106 | 1753 | 104 | 18.80 | 31.10 | 143 | 1622 | 252 | 0 | 86.5 |
| Comm Benchmark Mean | | 345.8 | | 10850 | | 1.05 | 53.80 | | 1682 | | 18.34 | 31.49 | 167 | 1682 | 306 | | 90.4 |
| Trial Mean | | 339.6 | | 10939 | | 1.00 | 52.01 | | 1674 | | 17.98 | 32.25 | 167 | 1648 | 279 | | 87.8 |
| Coeff. of Var. (%) | | 3.1 | | 6 | | 6.11 | 5.73 | | 8 | | 2.75 | 4.19 | 19 | 4 | 11 | | 6.0 |
| Mean LSD (0.05) | | 13.08 | | 762.6 | | 0.07 | 3.75 | | 158.8 | | 0.62 | 1.72 | 36.7 | 85.75 | 39.12 | | 6.05 |
| Mean LSD (0.01) | | 17.3 | | 1007 | | 0.10 | 4.95 | | 210 | | 0.82 | 2.27 | 48 | 113 | 52 | | 8.0 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from Hillsboro ND Bolters per acre are based upon 45,000 plants per acre.

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

Created 11/2/2018

Trial # = 188305

2018 Performance of Approved RR Varieties - ACSC Official Trials
Grand Forks ND

| Description @ | Code | Rec/T lbs. | Rec/T %Bnch | Rec/A lbs. | Rec/A %Bnch | Loss Mol % | Rev/T \$ ++ | Rev/T %Bnch | Rev/A \$ ++ | Rev/A %Bnch | Sugar % | Yield T/A | Na ppm | K ppm | AmN ppm | Bolter per Ac | Emerg. % |
|---|------|------------|-------------|------------|-------------|------------|-------------|-------------|-------------|-------------|---------|-----------|--------|-------|---------|---------------|----------|
| Commercial Trial | | | | | | | | | | | | | | | | | |
| BTS 80RR52 | 130 | 313.9 | 100 | 11695 | 100 | 1.21 | 44.66 | 101 | 1660 | 100 | 16.91 | 37.33 | 311 | 1904 | 322 | 0 | 70.4 |
| BTS 8337 | 119 | 322.3 | 103 | 11784 | 101 | 1.20 | 47.05 | 106 | 1717 | 104 | 17.33 | 36.56 | 280 | 1795 | 354 | 0 | 56.5 |
| BTS 8500 | 124 | 305.4 | 98 | 12914 | 110 | 1.27 | 42.21 | 95 | 1783 | 108 | 16.54 | 42.31 | 327 | 1864 | 368 | 0 | 63.1 |
| BTS 8524 | 127 | 300.9 | 96 | 12251 | 105 | 1.24 | 40.93 | 92 | 1670 | 101 | 16.28 | 40.63 | 364 | 1917 | 315 | 0 | 57.7 |
| BTS 8606 | 106 | 319.6 | 102 | 12640 | 108 | 1.13 | 46.27 | 104 | 1828 | 110 | 17.10 | 39.69 | 271 | 1852 | 287 | 0 | 61.6 |
| BTS 8629 | 110 | 302.6 | 97 | 12563 | 107 | 1.22 | 41.40 | 93 | 1716 | 103 | 16.34 | 41.66 | 333 | 1702 | 373 | 0 | 53.0 |
| Crystal 093RR | 126 | 320.9 | 103 | 11585 | 99 | 1.21 | 46.67 | 105 | 1686 | 102 | 17.25 | 36.13 | 277 | 1806 | 361 | 0 | 70.0 |
| Crystal 247RR | 113 | 316.0 | 101 | 12596 | 108 | 1.09 | 45.24 | 102 | 1798 | 108 | 16.88 | 40.06 | 299 | 1815 | 252 | 0 | 60.3 |
| Crystal 355RR | 109 | 314.9 | 101 | 11452 | 98 | 1.28 | 44.95 | 101 | 1629 | 98 | 17.03 | 36.48 | 331 | 1823 | 391 | 0 | 67.2 |
| Crystal 467RR | 120 | 308.6 | 99 | 12528 | 107 | 1.10 | 43.13 | 97 | 1749 | 105 | 16.54 | 40.57 | 331 | 1853 | 239 | 0 | 66.2 |
| Crystal 572RR | 112 | 326.8 | 104 | 12777 | 109 | 1.18 | 48.35 | 109 | 1889 | 114 | 17.51 | 39.12 | 238 | 1729 | 363 | 0 | 63.7 |
| Crystal 573RR | 101 | 318.3 | 102 | 12181 | 104 | 1.23 | 45.92 | 104 | 1756 | 106 | 17.15 | 38.17 | 311 | 1758 | 364 | 0 | 68.0 |
| Crystal 574RR | 114 | 302.6 | 97 | 12447 | 106 | 1.28 | 41.42 | 93 | 1700 | 103 | 16.41 | 41.17 | 347 | 1854 | 368 | 0 | 56.0 |
| Crystal 578RR | 115 | 315.0 | 101 | 12279 | 105 | 1.26 | 44.97 | 101 | 1753 | 106 | 17.00 | 39.02 | 293 | 1914 | 361 | 0 | 66.7 |
| Hilleshög HM4302RR | 107 | 305.3 | 98 | 11144 | 95 | 1.16 | 42.19 | 95 | 1539 | 93 | 16.43 | 36.58 | 396 | 1860 | 267 | 0 | 61.4 |
| Hilleshög HM4448RR | 125 | 318.1 | 102 | 12807 | 109 | 1.13 | 45.85 | 103 | 1841 | 111 | 17.02 | 40.42 | 283 | 1707 | 314 | 0 | 64.7 |
| Hilleshög HM9528RR | 117 | 324.4 | 104 | 12408 | 106 | 1.08 | 47.67 | 107 | 1824 | 110 | 17.30 | 38.19 | 263 | 1692 | 290 | 0 | 60.2 |
| Hilleshög HIL9708 | 131 | 317.4 | 101 | 12013 | 103 | 1.12 | 45.67 | 103 | 1728 | 104 | 17.00 | 37.79 | 301 | 1739 | 300 | 0 | 63.7 |
| Maribo MA109 | 128 | 323.0 | 103 | 11093 | 95 | 1.20 | 47.25 | 107 | 1619 | 98 | 17.35 | 34.38 | 343 | 1740 | 342 | 0 | 52.7 |
| Maribo MA305 | 102 | 306.0 | 98 | 12070 | 103 | 1.09 | 42.38 | 96 | 1672 | 101 | 16.40 | 39.39 | 310 | 1672 | 290 | 0 | 56.7 |
| Maribo MA502 | 116 | 298.9 | 96 | 11248 | 96 | 1.35 | 40.34 | 91 | 1517 | 91 | 16.30 | 37.62 | 421 | 1906 | 383 | 0 | 66.5 |
| Maribo MA504 | 122 | 313.8 | 100 | 13052 | 111 | 1.11 | 44.62 | 101 | 1856 | 112 | 16.81 | 41.60 | 287 | 1816 | 276 | 0 | 61.4 |
| SV RR265 | 108 | 314.5 | 101 | 12220 | 104 | 1.11 | 44.82 | 101 | 1742 | 105 | 16.83 | 38.87 | 285 | 1799 | 276 | 0 | 68.8 |
| SV RR266 | 118 | 309.9 | 99 | 11659 | 100 | 1.19 | 43.50 | 98 | 1630 | 98 | 16.68 | 37.78 | 293 | 1763 | 343 | 0 | 55.3 |
| SV RR268 | 132 | 312.7 | 100 | 11892 | 102 | 1.24 | 44.30 | 100 | 1681 | 101 | 16.88 | 38.11 | 337 | 1763 | 370 | 0 | 60.5 |
| SV RR333 | 123 | 319.5 | 102 | 11807 | 101 | 1.16 | 46.27 | 104 | 1708 | 103 | 17.13 | 37.01 | 319 | 1750 | 314 | 0 | 57.7 |
| SV RR351 | 104 | 327.9 | 105 | 12459 | 106 | 1.05 | 48.66 | 110 | 1846 | 111 | 17.44 | 38.10 | 215 | 1810 | 253 | 0 | 56.6 |
| SX Avalanche RR | 129 | 322.7 | 103 | 11705 | 100 | 1.09 | 47.16 | 106 | 1710 | 103 | 17.22 | 36.28 | 268 | 1812 | 262 | 0 | 60.8 |
| SX Bronco RR(1863) | 105 | 310.3 | 99 | 11388 | 97 | 1.27 | 43.61 | 98 | 1606 | 97 | 16.78 | 36.69 | 313 | 1871 | 378 | 0 | 50.9 |
| SX Canyon RR | 103 | 318.2 | 102 | 11868 | 101 | 1.18 | 45.87 | 103 | 1708 | 103 | 17.08 | 37.37 | 308 | 1787 | 323 | 0 | 64.3 |
| SX Cruze RR | 121 | 294.4 | 94 | 12095 | 103 | 1.16 | 39.06 | 88 | 1605 | 97 | 15.89 | 41.00 | 323 | 1806 | 300 | 0 | 50.8 |
| SX Marathon RR | 111 | 320.0 | 102 | 13050 | 111 | 1.09 | 46.40 | 105 | 1894 | 114 | 17.10 | 40.67 | 258 | 1781 | 275 | 0 | 60.2 |
| Experimental Trial (Comm status) | | | | | | | | | | | | | | | | | |
| BTS 8735 | 250 | 308.5 | 99 | 11878 | 101 | 1.16 | 43.15 | 97 | 1649 | 99 | 16.58 | 38.80 | 320 | 1636 | 349 | 0 | 65.0 |
| BTS 8749 | 243 | 327.9 | 105 | 12264 | 105 | 1.16 | 48.45 | 109 | 1806 | 109 | 17.56 | 37.71 | 235 | 1812 | 334 | 0 | 69.4 |
| BTS 8767 | 225 | 312.8 | 100 | 12128 | 104 | 1.06 | 44.33 | 100 | 1706 | 103 | 16.72 | 38.92 | 239 | 1813 | 256 | 0 | 67.1 |
| BTS 8784 | 210 | 331.8 | 106 | 12223 | 104 | 1.08 | 49.52 | 112 | 1819 | 110 | 17.69 | 36.82 | 192 | 1616 | 348 | 0 | 66.1 |
| Crystal 684RR | 227 | 305.8 | 98 | 12925 | 110 | 1.19 | 42.42 | 96 | 1785 | 108 | 16.48 | 42.34 | 304 | 1904 | 307 | 0 | 64.2 |
| Crystal 792RR | 240 | 318.1 | 102 | 11893 | 102 | 1.18 | 45.79 | 103 | 1707 | 103 | 17.09 | 37.45 | 288 | 1704 | 353 | 0 | 66.5 |
| Crystal 793RR | 238 | 332.8 | 106 | 13374 | 114 | 1.03 | 49.80 | 112 | 1995 | 120 | 17.70 | 40.14 | 211 | 1641 | 293 | 0 | 62.5 |
| Crystal 796RR | 231 | 316.5 | 101 | 12770 | 109 | 1.09 | 45.34 | 102 | 1829 | 110 | 16.93 | 40.59 | 253 | 1767 | 280 | 0 | 64.4 |
| Hilleshög HIL9920 | 223 | 317.0 | 101 | 11926 | 102 | 1.11 | 45.50 | 103 | 1705 | 103 | 16.97 | 37.77 | 267 | 1822 | 281 | 0 | 66.1 |
| Maribo MA717 | 248 | 316.7 | 101 | 11306 | 97 | 1.23 | 45.38 | 102 | 1618 | 98 | 17.06 | 35.60 | 355 | 1765 | 361 | 0 | 63.4 |
| SV RR371 | 202 | 323.9 | 104 | 11880 | 101 | 1.08 | 47.36 | 107 | 1736 | 105 | 17.30 | 36.93 | 220 | 1835 | 276 | 0 | 61.2 |
| SX RR1879 | 219 | 315.0 | 101 | 11878 | 101 | 1.17 | 44.94 | 101 | 1688 | 102 | 16.93 | 38.13 | 280 | 1851 | 310 | 0 | 71.5 |
| Comm Benchmark Mean | | 312.9 | | 11711 | | 1.24 | 44.36 | | 1658 | | 16.89 | 37.50 | 318 | 1852 | 358 | | 66.2 |
| Trial Mean | | 312.7 | | 12041 | | 1.18 | 44.30 | | 1704 | | 16.82 | 38.56 | 313 | 1804 | 325 | | 60.9 |
| Coeff. of Var. (%) | | 3.5 | | 5 | | 9.25 | 7.13 | | 8 | | 2.88 | 4.32 | 23 | 5 | 19 | | 10.7 |
| Mean LSD (0.05) | | 14.14 | | 833.4 | | 0.14 | 4.05 | | 179.3 | | 0.62 | 2.1 | 91.3 | 109 | 78.99 | | 7.85 |
| Mean LSD (0.01) | | 18.7 | | 1101 | | 0.19 | 5.35 | | 237 | | 0.82 | 2.78 | 121 | 144 | 104 | | 10.4 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from Grand Forks ND Bolters per acre are based upon 45,000 plants per acre.

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

Created 11/2/2018

Trial # = 188307

2018 Performance of Approved RR Varieties - ACSC Official Trials
Scandia MN

| Description @ | Code | Rec/T lbs. | Rec/T %Bnch | Rec/A lbs. | Rec/A %Bnch | Loss Mol % | Rev/T \$ ++ | Rev/T %Bnch | Rev/A \$ ++ | Rev/A %Bnch | Sugar % | Yield T/A | Na ppm | K ppm | AmN ppm | Bolter per Ac | Emerg. % |
|---|------|------------|-------------|------------|-------------|------------|-------------|-------------|-------------|-------------|---------|-----------|--------|-------|---------|---------------|----------|
| Commercial Trial | | | | | | | | | | | | | | | | | |
| BTS 80RR52 | 130 | 345.6 | 100 | 10792 | 97 | 0.97 | 53.74 | 99 | 1678 | 96 | 18.27 | 31.19 | 134 | 1553 | 292 | 0 | 86.6 |
| BTS 8337 | 119 | 356.1 | 103 | 11107 | 99 | 0.92 | 56.74 | 105 | 1767 | 101 | 18.74 | 31.22 | 138 | 1536 | 253 | 0 | 81.8 |
| BTS 8500 | 124 | 343.9 | 99 | 11930 | 107 | 0.93 | 53.23 | 98 | 1843 | 106 | 18.12 | 34.73 | 159 | 1517 | 259 | 0 | 93.2 |
| BTS 8524 | 127 | 332.3 | 96 | 11857 | 106 | 0.95 | 49.91 | 92 | 1780 | 102 | 17.56 | 35.73 | 160 | 1557 | 266 | 0 | 86.8 |
| BTS 8606 | 106 | 345.8 | 100 | 11992 | 107 | 0.85 | 53.78 | 99 | 1863 | 107 | 18.13 | 34.75 | 102 | 1439 | 240 | 0 | 86.7 |
| BTS 8629 | 110 | 341.2 | 98 | 12638 | 113 | 0.86 | 52.48 | 97 | 1944 | 112 | 17.91 | 37.05 | 148 | 1338 | 258 | 0 | 75.3 |
| Crystal 093RR | 126 | 357.7 | 103 | 11864 | 106 | 0.93 | 57.20 | 106 | 1898 | 109 | 18.83 | 33.18 | 129 | 1479 | 282 | 0 | 88.5 |
| Crystal 247RR | 113 | 346.1 | 100 | 12224 | 109 | 0.82 | 53.88 | 99 | 1901 | 109 | 18.12 | 35.38 | 136 | 1425 | 207 | 0 | 88.8 |
| Crystal 355RR | 109 | 349.3 | 101 | 10784 | 97 | 1.00 | 54.79 | 101 | 1689 | 97 | 18.47 | 30.89 | 146 | 1572 | 300 | 0 | 92.1 |
| Crystal 467RR | 120 | 338.5 | 97 | 11991 | 107 | 0.87 | 51.71 | 95 | 1831 | 105 | 17.79 | 35.44 | 166 | 1539 | 206 | 0 | 89.1 |
| Crystal 572RR | 112 | 352.9 | 102 | 11758 | 105 | 0.92 | 55.81 | 103 | 1864 | 107 | 18.57 | 33.25 | 120 | 1502 | 269 | 0 | 88.1 |
| Crystal 573RR | 101 | 348.7 | 100 | 11680 | 105 | 0.95 | 54.63 | 101 | 1825 | 105 | 18.38 | 33.59 | 148 | 1500 | 281 | 0 | 90.5 |
| Crystal 574RR | 114 | 337.6 | 97 | 12289 | 110 | 0.93 | 51.44 | 95 | 1873 | 108 | 17.80 | 36.41 | 159 | 1551 | 250 | 0 | 84.5 |
| Crystal 578RR | 115 | 338.0 | 97 | 11799 | 106 | 0.90 | 51.55 | 95 | 1799 | 103 | 17.80 | 34.92 | 149 | 1512 | 236 | 0 | 88.7 |
| Hilleshög HM4302RR | 107 | 343.1 | 99 | 11241 | 101 | 0.89 | 53.01 | 98 | 1733 | 99 | 18.05 | 32.83 | 155 | 1542 | 222 | 0 | 87.1 |
| Hilleshög HM4448RR | 125 | 346.9 | 100 | 12555 | 112 | 0.89 | 54.12 | 100 | 1959 | 112 | 18.23 | 36.21 | 145 | 1438 | 254 | 0 | 89.6 |
| Hilleshög HM9528RR | 117 | 337.2 | 97 | 10819 | 97 | 0.87 | 51.33 | 95 | 1640 | 94 | 17.73 | 32.26 | 170 | 1441 | 232 | 0 | 76.6 |
| Hilleshög HIL9708 | 131 | 347.7 | 100 | 11945 | 107 | 0.85 | 54.32 | 100 | 1866 | 107 | 18.22 | 34.38 | 147 | 1449 | 219 | 0 | 87.9 |
| Maribo MA109 | 128 | 355.3 | 102 | 10619 | 95 | 0.86 | 56.51 | 104 | 1690 | 97 | 18.63 | 29.85 | 137 | 1449 | 236 | 0 | 78.1 |
| Maribo MA305 | 102 | 336.9 | 97 | 11604 | 104 | 0.83 | 51.24 | 95 | 1763 | 101 | 17.68 | 34.47 | 140 | 1387 | 225 | 0 | 77.2 |
| Maribo MA502 | 116 | 342.6 | 99 | 11296 | 101 | 0.88 | 52.86 | 98 | 1744 | 100 | 18.01 | 32.96 | 165 | 1496 | 225 | 0 | 79.4 |
| Maribo MA504 | 122 | 353.3 | 102 | 13214 | 118 | 0.87 | 55.94 | 103 | 2091 | 120 | 18.53 | 37.41 | 144 | 1450 | 236 | 0 | 88.7 |
| SV RR265 | 108 | 346.2 | 100 | 11941 | 107 | 0.87 | 53.91 | 99 | 1857 | 107 | 18.18 | 34.55 | 140 | 1452 | 236 | 0 | 81.2 |
| SV RR266 | 118 | 344.7 | 99 | 11210 | 100 | 0.91 | 53.47 | 99 | 1735 | 100 | 18.14 | 32.61 | 147 | 1471 | 263 | 0 | 75.3 |
| SV RR268 | 132 | 353.4 | 102 | 11547 | 103 | 0.88 | 55.96 | 103 | 1822 | 105 | 18.54 | 32.78 | 125 | 1477 | 245 | 0 | 83.9 |
| SV RR333 | 123 | 348.8 | 100 | 11217 | 100 | 0.85 | 54.65 | 101 | 1761 | 101 | 18.30 | 32.11 | 108 | 1463 | 228 | 0 | 76.8 |
| SV RR351 | 104 | 352.9 | 102 | 11931 | 107 | 0.89 | 55.83 | 103 | 1881 | 108 | 18.54 | 33.88 | 127 | 1505 | 244 | 0 | 77.7 |
| SX Avalanche RR | 129 | 349.7 | 101 | 10920 | 98 | 0.90 | 54.92 | 101 | 1711 | 98 | 18.38 | 31.34 | 150 | 1469 | 250 | 0 | 85.5 |
| SX Bronco RR(1863) | 105 | 353.5 | 102 | 11381 | 102 | 0.85 | 56.01 | 103 | 1801 | 103 | 18.53 | 32.22 | 134 | 1491 | 214 | 0 | 77.6 |
| SX Canyon RR | 103 | 350.5 | 101 | 11130 | 100 | 0.86 | 55.13 | 102 | 1748 | 100 | 18.38 | 31.86 | 120 | 1476 | 232 | 0 | 81.2 |
| SX Cruze RR | 121 | 322.0 | 93 | 10970 | 98 | 0.96 | 46.98 | 87 | 1600 | 92 | 17.06 | 34.07 | 151 | 1522 | 283 | 0 | 67.1 |
| SX Marathon RR | 111 | 348.2 | 100 | 11950 | 107 | 0.86 | 54.47 | 100 | 1870 | 107 | 18.27 | 34.27 | 127 | 1459 | 234 | 0 | 81.1 |
| Experimental Trial (Comm status) | | | | | | | | | | | | | | | | | |
| BTS 8735 | 250 | 341.6 | 98 | 11949 | 107 | 0.79 | 52.62 | 97 | 1853 | 106 | 17.88 | 34.81 | 147 | 1270 | 219 | 0 | 88.5 |
| BTS 8749 | 243 | 346.2 | 100 | 11437 | 102 | 0.89 | 53.91 | 99 | 1780 | 102 | 18.21 | 33.06 | 199 | 1483 | 224 | 0 | 87.1 |
| BTS 8767 | 225 | 339.1 | 98 | 12306 | 110 | 0.87 | 51.90 | 96 | 1881 | 108 | 17.82 | 36.38 | 177 | 1443 | 226 | 0 | 92.0 |
| BTS 8784 | 210 | 357.1 | 103 | 11885 | 106 | 0.81 | 56.98 | 105 | 1909 | 110 | 18.69 | 33.05 | 114 | 1356 | 225 | 0 | 87.0 |
| Crystal 684RR | 227 | 340.7 | 98 | 12358 | 111 | 0.92 | 52.37 | 97 | 1903 | 109 | 17.96 | 36.23 | 211 | 1549 | 226 | 0 | 94.8 |
| Crystal 792RR | 240 | 348.8 | 100 | 12439 | 111 | 0.94 | 54.66 | 101 | 1951 | 112 | 18.40 | 35.63 | 155 | 1473 | 282 | 0 | 89.0 |
| Crystal 793RR | 238 | 349.7 | 101 | 12246 | 110 | 0.85 | 54.90 | 101 | 1926 | 111 | 18.34 | 34.94 | 164 | 1382 | 230 | 0 | 91.4 |
| Crystal 796RR | 231 | 340.1 | 98 | 12672 | 113 | 0.86 | 52.17 | 96 | 1950 | 112 | 17.87 | 37.15 | 142 | 1494 | 219 | 0 | 94.5 |
| Hilleshög HIL9920 | 223 | 357.0 | 103 | 11716 | 105 | 0.89 | 56.96 | 105 | 1873 | 108 | 18.75 | 32.77 | 160 | 1474 | 238 | 0 | 89.1 |
| Maribo MA717 | 248 | 356.1 | 103 | 11620 | 104 | 0.87 | 56.69 | 105 | 1859 | 107 | 18.70 | 32.43 | 128 | 1408 | 251 | 0 | 91.7 |
| SV RR371 | 202 | 349.6 | 101 | 11853 | 106 | 0.87 | 54.87 | 101 | 1869 | 107 | 18.36 | 33.71 | 144 | 1451 | 233 | 0 | 91.1 |
| SX RR1879 | 219 | 349.8 | 101 | 11825 | 106 | 0.82 | 54.93 | 101 | 1855 | 107 | 18.33 | 33.82 | 123 | 1386 | 224 | 0 | 85.6 |
| Comm Benchmark Mean | | 347.3 | | 11165 | | 0.96 | 54.21 | | 1742 | | 18.33 | 32.16 | 150 | 1558 | 274 | | 91.7 |
| Trial Mean | | 345.0 | | 11566 | | 0.90 | 53.55 | | 1793 | | 18.15 | 33.57 | 145 | 1492 | 248 | | 83.9 |
| Coeff. of Var. (%) | | 2.1 | | 5 | | 7.07 | 3.89 | | 6 | | 1.90 | 5.08 | 19 | 4 | 14 | | 6.2 |
| Mean LSD (0.05) | | 9.19 | | 732.9 | | 0.08 | 2.63 | | 126.3 | | 0.44 | 2.18 | 34.6 | 77.74 | 41.68 | | 6.43 |
| Mean LSD (0.01) | | 12.1 | | 968 | | 0.10 | 3.48 | | 167 | | 0.58 | 2.88 | 46 | 103 | 55 | | 8.5 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from Scandia MN Bolters per acre are based upon 45,000 plants per acre.

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

Created 11/2/2018

Trial # = 188308

2018 Performance of Approved RR Varieties - ACSC Official Trials
East Grand

| Description @ | Code | Rec/T lbs. | Rec/T %Bnch | Rec/A lbs. | Rec/A %Bnch | Loss Mol % | Rev/T \$ ++ | Rev/T %Bnch | Rev/A \$ ++ | Rev/A %Bnch | Sugar % | Yield T/A | Na ppm | K ppm | AmN ppm | Bolter per Ac | Emerg. % |
|---|------|------------|-------------|------------|-------------|------------|-------------|-------------|-------------|-------------|---------|-----------|--------|-------|---------|---------------|----------|
| Commercial Trial | | | | | | | | | | | | | | | | | |
| BTS 80RR52 | 130 | 346.3 | 99 | 11844 | 101 | 0.91 | 53.92 | 99 | 1829 | 100 | 18.21 | 34.50 | 129 | 1537 | 248 | 0 | 81.9 |
| BTS 8337 | 119 | 363.5 | 104 | 11868 | 101 | 0.91 | 58.86 | 108 | 1925 | 105 | 19.07 | 32.53 | 120 | 1581 | 238 | 0 | 78.7 |
| BTS 8500 | 124 | 340.2 | 98 | 12870 | 110 | 0.95 | 52.19 | 96 | 1971 | 108 | 17.95 | 37.88 | 135 | 1626 | 253 | 0 | 87.6 |
| BTS 8524 | 127 | 332.1 | 95 | 12336 | 105 | 0.97 | 49.85 | 91 | 1847 | 101 | 17.56 | 37.11 | 160 | 1657 | 251 | 0 | 79.2 |
| BTS 8606 | 106 | 349.7 | 100 | 12389 | 105 | 0.91 | 54.91 | 101 | 1929 | 105 | 18.39 | 35.70 | 132 | 1554 | 241 | 0 | 83.6 |
| BTS 8629 | 110 | 350.8 | 101 | 12186 | 104 | 0.79 | 55.22 | 101 | 1909 | 104 | 18.34 | 34.96 | 111 | 1321 | 221 | 0 | 71.7 |
| Crystal 093RR | 126 | 355.7 | 102 | 12099 | 103 | 0.93 | 56.61 | 104 | 1927 | 105 | 18.71 | 34.02 | 108 | 1480 | 289 | 0 | 88.7 |
| Crystal 247RR | 113 | 345.1 | 99 | 12152 | 103 | 0.83 | 53.58 | 98 | 1895 | 104 | 18.10 | 35.20 | 140 | 1506 | 195 | 0 | 85.0 |
| Crystal 355RR | 109 | 354.4 | 102 | 11677 | 99 | 0.95 | 56.25 | 103 | 1860 | 102 | 18.67 | 32.77 | 123 | 1600 | 271 | 0 | 86.6 |
| Crystal 467RR | 120 | 339.7 | 97 | 12176 | 104 | 0.87 | 52.03 | 95 | 1858 | 102 | 17.86 | 35.80 | 155 | 1539 | 212 | 0 | 86.2 |
| Crystal 572RR | 112 | 357.6 | 103 | 12201 | 104 | 0.92 | 57.17 | 105 | 1949 | 107 | 18.80 | 34.19 | 109 | 1508 | 275 | 0 | 80.8 |
| Crystal 573RR | 101 | 352.8 | 101 | 12375 | 105 | 0.89 | 55.79 | 102 | 1963 | 107 | 18.54 | 35.14 | 111 | 1533 | 245 | 0 | 87.7 |
| Crystal 574RR | 114 | 347.5 | 100 | 13087 | 111 | 0.91 | 54.26 | 99 | 2038 | 111 | 18.28 | 37.66 | 128 | 1590 | 237 | 0 | 80.3 |
| Crystal 578RR | 115 | 347.3 | 100 | 11692 | 100 | 0.86 | 54.21 | 99 | 1821 | 100 | 18.24 | 33.80 | 121 | 1543 | 216 | 0 | 84.0 |
| Hilleshög HM4302RR | 107 | 350.3 | 100 | 11324 | 96 | 0.91 | 55.08 | 101 | 1780 | 97 | 18.42 | 32.21 | 145 | 1607 | 227 | 0 | 80.8 |
| Hilleshög HM4448RR | 125 | 343.0 | 98 | 12562 | 107 | 0.87 | 52.99 | 97 | 1933 | 106 | 18.03 | 36.79 | 129 | 1514 | 227 | 0 | 83.9 |
| Hilleshög HM9528RR | 117 | 348.5 | 100 | 10941 | 93 | 0.90 | 54.55 | 100 | 1716 | 94 | 18.34 | 31.48 | 122 | 1544 | 248 | 0 | 71.2 |
| Hilleshög HIL9708 | 131 | 362.1 | 104 | 12606 | 107 | 0.86 | 58.46 | 107 | 2048 | 112 | 18.96 | 34.59 | 107 | 1512 | 225 | 0 | 89.2 |
| Maribo MA109 | 128 | 358.8 | 103 | 10995 | 94 | 0.91 | 57.53 | 105 | 1774 | 97 | 18.87 | 30.60 | 130 | 1551 | 250 | 0 | 78.0 |
| Maribo MA305 | 102 | 338.9 | 97 | 11457 | 98 | 0.86 | 51.83 | 95 | 1749 | 96 | 17.81 | 34.00 | 131 | 1463 | 230 | 0 | 76.3 |
| Maribo MA502 | 116 | 336.3 | 96 | 11263 | 96 | 0.94 | 51.06 | 94 | 1700 | 93 | 17.76 | 33.76 | 169 | 1651 | 231 | 0 | 83.2 |
| Maribo MA504 | 122 | 342.2 | 98 | 12809 | 109 | 0.89 | 52.75 | 97 | 1975 | 108 | 18.01 | 37.42 | 124 | 1558 | 236 | 0 | 87.1 |
| SV RR265 | 108 | 348.7 | 100 | 12130 | 103 | 0.85 | 54.62 | 100 | 1895 | 104 | 18.27 | 34.88 | 106 | 1529 | 209 | 0 | 80.6 |
| SV RR266 | 118 | 356.9 | 102 | 12438 | 106 | 0.85 | 56.96 | 104 | 1981 | 108 | 18.69 | 35.02 | 106 | 1520 | 214 | 0 | 70.1 |
| SV RR268 | 132 | 354.9 | 102 | 11989 | 102 | 0.90 | 56.39 | 103 | 1893 | 103 | 18.64 | 34.05 | 125 | 1589 | 230 | 0 | 77.6 |
| SV RR333 | 123 | 355.6 | 102 | 11924 | 102 | 0.84 | 56.60 | 104 | 1913 | 105 | 18.61 | 33.29 | 101 | 1529 | 208 | 0 | 74.7 |
| SV RR351 | 104 | 351.1 | 101 | 11620 | 99 | 0.92 | 55.30 | 101 | 1822 | 100 | 18.47 | 33.21 | 118 | 1620 | 236 | 0 | 71.3 |
| SX Avalanche RR | 129 | 352.0 | 101 | 11504 | 98 | 0.87 | 55.57 | 102 | 1809 | 99 | 18.47 | 32.81 | 127 | 1517 | 223 | 0 | 77.3 |
| SX Bronco RR(1863) | 105 | 349.7 | 100 | 11867 | 101 | 0.89 | 54.91 | 101 | 1855 | 101 | 18.37 | 33.99 | 130 | 1544 | 233 | 0 | 72.5 |
| SX Canyon RR | 103 | 348.2 | 100 | 12832 | 109 | 0.86 | 54.47 | 100 | 2006 | 110 | 18.27 | 36.84 | 120 | 1561 | 211 | 0 | 79.5 |
| SX Cruze RR | 121 | 327.1 | 94 | 11100 | 94 | 0.99 | 48.44 | 89 | 1647 | 90 | 17.34 | 33.88 | 147 | 1641 | 278 | 0 | 55.2 |
| SX Marathon RR | 111 | 352.5 | 101 | 12617 | 107 | 0.86 | 55.70 | 102 | 2006 | 110 | 18.49 | 35.65 | 113 | 1554 | 217 | 0 | 82.4 |
| Experimental Trial (Comm status) | | | | | | | | | | | | | | | | | |
| BTS 8735 | 250 | 351.2 | 101 | 11252 | 96 | 0.79 | 55.31 | 101 | 1771 | 97 | 18.35 | 31.96 | 112 | 1363 | 208 | 0 | 81.4 |
| BTS 8749 | 243 | 350.8 | 101 | 12386 | 105 | 0.92 | 55.22 | 101 | 1935 | 106 | 18.46 | 35.43 | 126 | 1569 | 254 | 0 | 85.9 |
| BTS 8767 | 225 | 341.4 | 98 | 12382 | 105 | 0.88 | 52.58 | 96 | 1904 | 104 | 17.95 | 36.28 | 154 | 1497 | 228 | 0 | 85.9 |
| BTS 8784 | 210 | 360.5 | 103 | 11239 | 96 | 0.84 | 57.93 | 106 | 1801 | 98 | 18.87 | 31.24 | 106 | 1371 | 256 | 0 | 77.4 |
| Crystal 684RR | 227 | 342.9 | 98 | 12219 | 104 | 0.91 | 52.97 | 97 | 1877 | 103 | 18.05 | 35.84 | 140 | 1573 | 239 | 0 | 85.5 |
| Crystal 792RR | 240 | 353.6 | 101 | 11794 | 100 | 0.87 | 55.98 | 103 | 1860 | 102 | 18.54 | 33.45 | 117 | 1454 | 250 | 0 | 83.3 |
| Crystal 793RR | 238 | 359.5 | 103 | 12892 | 110 | 0.77 | 57.65 | 106 | 2067 | 113 | 18.75 | 35.85 | 95 | 1338 | 202 | 0 | 78.8 |
| Crystal 796RR | 231 | 345.6 | 99 | 12483 | 106 | 0.89 | 53.74 | 98 | 1934 | 106 | 18.16 | 36.09 | 131 | 1502 | 241 | 0 | 89.7 |
| Hilleshög HIL9920 | 223 | 364.5 | 105 | 11825 | 101 | 0.83 | 59.06 | 108 | 1922 | 105 | 19.05 | 32.17 | 116 | 1490 | 205 | 0 | 83.9 |
| Maribo MA717 | 248 | 366.8 | 105 | 11833 | 101 | 0.87 | 59.68 | 109 | 1914 | 105 | 19.21 | 32.36 | 119 | 1476 | 243 | 0 | 93.5 |
| SV RR371 | 202 | 349.0 | 100 | 11947 | 102 | 0.83 | 54.68 | 100 | 1873 | 102 | 18.27 | 34.20 | 111 | 1504 | 199 | 0 | 80.0 |
| SX RR1879 | 219 | 349.0 | 100 | 12464 | 106 | 0.86 | 54.69 | 100 | 1948 | 106 | 18.30 | 35.66 | 114 | 1532 | 217 | 0 | 85.6 |
| Comm Benchmark Mean | | 348.6 | | 11748 | | 0.95 | 54.58 | | 1830 | | 18.37 | 33.86 | 131 | 1592 | 262 | | 84.9 |
| Trial Mean | | 347.5 | | 11937 | | 0.90 | 54.28 | | 1862 | | 18.27 | 34.41 | 128 | 1554 | 237 | | 80.0 |
| Coeff. of Var. (%) | | 2.8 | | 6 | | 6.37 | 5.11 | | 7 | | 2.52 | 5.53 | 15 | 5 | 11 | | 7.6 |
| Mean LSD (0.05) | | 12.19 | | 893.4 | | 0.07 | 3.49 | | 165.5 | | 0.58 | 2.46 | 23.8 | 88.6 | 30.41 | | 7.16 |
| Mean LSD (0.01) | | 16.1 | | 1180 | | 0.09 | 4.61 | | 219 | | 0.77 | 3.25 | 31 | 117 | 40 | | 9.5 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from East Grand Bolters per acre are based upon 45,000 plants per acre.

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

Created 11/2/2018

Trial # = 188309

2018 Performance of Approved RR Varieties - ACSC Official Trials
Stephen MN

| Description @ | Code | Rec/T lbs. | Rec/T %Bnch | Rec/A lbs. | Rec/A %Bnch | Loss Mol % | Rev/T \$ ++ | Rev/T %Bnch | Rev/A \$ ++ | Rev/A %Bnch | Sugar % | Yield T/A | Na ppm | K ppm | AmN ppm | Bolter per Ac | Emerg. % |
|---|------|------------|-------------|------------|-------------|------------|-------------|-------------|-------------|-------------|---------|-----------|--------|-------|---------|---------------|----------|
| Commercial Trial | | | | | | | | | | | | | | | | | |
| BTS 80RR52 | 130 | 377.2 | 99 | 9907 | 97 | 0.85 | 62.78 | 99 | 1650 | 97 | 19.70 | 26.22 | 158 | 1413 | 221 | 0 | 91.4 |
| BTS 8337 | 119 | 384.1 | 101 | 10403 | 102 | 0.75 | 64.75 | 102 | 1756 | 103 | 19.95 | 27.04 | 145 | 1291 | 183 | 0 | 84.1 |
| BTS 8500 | 124 | 380.0 | 100 | 11051 | 108 | 0.79 | 63.59 | 100 | 1845 | 108 | 19.79 | 29.17 | 161 | 1321 | 205 | 0 | 93.7 |
| BTS 8524 | 127 | 371.1 | 98 | 11424 | 112 | 0.88 | 61.03 | 96 | 1877 | 110 | 19.43 | 30.84 | 170 | 1519 | 217 | 0 | 85.2 |
| BTS 8606 | 106 | 382.1 | 101 | 10427 | 102 | 0.79 | 64.20 | 101 | 1750 | 103 | 19.91 | 27.29 | 147 | 1390 | 192 | 0 | 85.3 |
| BTS 8629 | 110 | 374.7 | 99 | 10994 | 108 | 0.79 | 62.06 | 98 | 1822 | 107 | 19.52 | 29.34 | 188 | 1322 | 194 | 0 | 79.4 |
| Crystal 093RR | 126 | 385.0 | 101 | 10223 | 100 | 0.84 | 65.02 | 103 | 1726 | 101 | 20.09 | 26.56 | 144 | 1368 | 238 | 0 | 91.4 |
| Crystal 247RR | 113 | 381.1 | 100 | 10628 | 104 | 0.76 | 63.90 | 101 | 1779 | 104 | 19.81 | 27.94 | 166 | 1378 | 160 | 0 | 88.8 |
| Crystal 355RR | 109 | 381.0 | 100 | 9266 | 91 | 0.85 | 63.87 | 101 | 1553 | 91 | 19.89 | 24.34 | 149 | 1415 | 226 | 0 | 93.6 |
| Crystal 467RR | 120 | 378.0 | 100 | 11167 | 110 | 0.85 | 63.02 | 99 | 1860 | 109 | 19.75 | 29.57 | 222 | 1444 | 191 | 0 | 89.7 |
| Crystal 572RR | 112 | 381.3 | 100 | 10886 | 107 | 0.77 | 63.96 | 101 | 1823 | 107 | 19.84 | 28.63 | 141 | 1267 | 212 | 0 | 89.0 |
| Crystal 573RR | 101 | 388.6 | 102 | 11071 | 109 | 0.79 | 66.06 | 104 | 1883 | 110 | 20.23 | 28.46 | 132 | 1361 | 206 | 0 | 93.1 |
| Crystal 574RR | 114 | 377.0 | 99 | 11266 | 111 | 0.79 | 62.74 | 99 | 1874 | 110 | 19.64 | 29.87 | 151 | 1297 | 210 | 0 | 91.3 |
| Crystal 578RR | 115 | 380.6 | 100 | 10642 | 104 | 0.79 | 63.75 | 101 | 1785 | 105 | 19.82 | 27.92 | 157 | 1383 | 189 | 0 | 91.0 |
| Hilleshög HM4302RR | 107 | 365.9 | 96 | 10150 | 100 | 0.77 | 59.54 | 94 | 1648 | 97 | 19.06 | 27.82 | 173 | 1374 | 167 | 0 | 83.8 |
| Hilleshög HM4448RR | 125 | 386.1 | 102 | 11205 | 110 | 0.78 | 65.33 | 103 | 1895 | 111 | 20.09 | 29.05 | 147 | 1338 | 200 | 0 | 90.1 |
| Hilleshög HM9528RR | 117 | 372.5 | 98 | 10119 | 99 | 0.77 | 61.45 | 97 | 1668 | 98 | 19.39 | 27.18 | 164 | 1300 | 192 | 0 | 78.7 |
| Hilleshög HIL9708 | 131 | 382.0 | 101 | 10696 | 105 | 0.74 | 64.16 | 101 | 1796 | 105 | 19.84 | 28.03 | 147 | 1308 | 176 | 0 | 89.6 |
| Maribo MA109 | 128 | 382.1 | 101 | 9133 | 90 | 0.77 | 64.19 | 101 | 1533 | 90 | 19.88 | 23.95 | 151 | 1363 | 183 | 0 | 80.2 |
| Maribo MA305 | 102 | 381.1 | 100 | 10538 | 103 | 0.83 | 63.90 | 101 | 1761 | 103 | 19.88 | 27.78 | 203 | 1381 | 202 | 0 | 77.4 |
| Maribo MA502 | 116 | 370.7 | 98 | 9966 | 98 | 0.86 | 60.91 | 96 | 1638 | 96 | 19.39 | 26.86 | 261 | 1436 | 186 | 0 | 84.7 |
| Maribo MA504 | 122 | 368.5 | 97 | 10809 | 106 | 0.86 | 60.28 | 95 | 1768 | 104 | 19.28 | 29.34 | 208 | 1419 | 216 | 0 | 89.5 |
| SV RR265 | 108 | 362.5 | 96 | 10689 | 105 | 0.73 | 58.58 | 92 | 1726 | 101 | 18.86 | 29.49 | 158 | 1323 | 161 | 0 | 86.9 |
| SV RR266 | 118 | 373.5 | 98 | 10451 | 103 | 0.75 | 61.72 | 97 | 1724 | 101 | 19.43 | 28.05 | 133 | 1368 | 172 | 0 | 79.6 |
| SV RR268 | 132 | 382.8 | 101 | 10704 | 105 | 0.73 | 64.40 | 102 | 1800 | 106 | 19.87 | 27.99 | 128 | 1383 | 155 | 0 | 81.1 |
| SV RR333 | 123 | 377.5 | 99 | 10363 | 102 | 0.77 | 62.87 | 99 | 1724 | 101 | 19.65 | 27.49 | 151 | 1360 | 180 | 0 | 79.8 |
| SV RR351 | 104 | 367.5 | 97 | 10615 | 104 | 0.74 | 60.01 | 95 | 1734 | 102 | 19.11 | 28.88 | 147 | 1356 | 159 | 0 | 84.4 |
| SX Avalanche RR | 129 | 386.7 | 102 | 10820 | 106 | 0.74 | 65.50 | 103 | 1834 | 108 | 20.08 | 27.94 | 147 | 1359 | 162 | 0 | 83.3 |
| SX Bronco RR(1863) | 105 | 381.5 | 101 | 10688 | 105 | 0.75 | 64.03 | 101 | 1788 | 105 | 19.82 | 28.15 | 143 | 1333 | 173 | 0 | 83.0 |
| SX Canyon RR | 103 | 377.7 | 100 | 10808 | 106 | 0.77 | 62.91 | 99 | 1800 | 106 | 19.65 | 28.65 | 130 | 1388 | 183 | 0 | 87.3 |
| SX Cruze RR | 121 | 358.6 | 95 | 10683 | 105 | 0.83 | 57.46 | 91 | 1711 | 100 | 18.76 | 29.83 | 171 | 1380 | 215 | 0 | 69.2 |
| SX Marathon RR | 111 | 372.1 | 98 | 11037 | 108 | 0.75 | 61.33 | 97 | 1819 | 107 | 19.35 | 29.69 | 139 | 1343 | 173 | 0 | 91.0 |
| Experimental Trial (Comm status) | | | | | | | | | | | | | | | | | |
| BTS 8735 | 250 | 396.0 | 104 | 10981 | 108 | 0.78 | 68.14 | 107 | 1880 | 110 | 20.58 | 27.83 | 178 | 1232 | 211 | 0 | 90.1 |
| BTS 8749 | 243 | 386.5 | 102 | 10018 | 98 | 0.76 | 65.41 | 103 | 1694 | 99 | 20.08 | 26.04 | 137 | 1388 | 173 | 0 | 90.7 |
| BTS 8767 | 225 | 384.7 | 101 | 10953 | 108 | 0.77 | 64.92 | 102 | 1845 | 108 | 20.00 | 28.52 | 144 | 1377 | 176 | 0 | 92.4 |
| BTS 8784 | 210 | 391.1 | 103 | 10399 | 102 | 0.72 | 66.72 | 105 | 1776 | 104 | 20.27 | 26.60 | 124 | 1210 | 192 | 0 | 89.0 |
| Crystal 684RR | 227 | 377.0 | 99 | 11797 | 116 | 0.85 | 62.74 | 99 | 1965 | 115 | 19.70 | 31.22 | 182 | 1391 | 222 | 0 | 88.7 |
| Crystal 792RR | 240 | 384.5 | 101 | 11072 | 109 | 0.77 | 64.86 | 102 | 1866 | 109 | 19.98 | 28.72 | 127 | 1292 | 206 | 0 | 86.7 |
| Crystal 793RR | 238 | 393.0 | 104 | 11974 | 118 | 0.71 | 67.28 | 106 | 2044 | 120 | 20.35 | 30.53 | 129 | 1219 | 175 | 0 | 87.3 |
| Crystal 796RR | 231 | 380.4 | 100 | 11242 | 110 | 0.81 | 63.72 | 100 | 1871 | 110 | 19.81 | 29.79 | 144 | 1319 | 223 | 0 | 91.9 |
| Hilleshög HIL9920 | 223 | 388.9 | 102 | 11149 | 109 | 0.74 | 66.12 | 104 | 1898 | 111 | 20.18 | 28.66 | 155 | 1332 | 163 | 0 | 91.9 |
| Maribo MA717 | 248 | 395.3 | 104 | 10733 | 105 | 0.77 | 67.94 | 107 | 1849 | 108 | 20.53 | 27.09 | 145 | 1346 | 182 | 0 | 92.4 |
| SV RR371 | 202 | 374.4 | 99 | 10760 | 106 | 0.72 | 62.02 | 98 | 1782 | 105 | 19.45 | 28.55 | 116 | 1350 | 154 | 0 | 88.2 |
| SX RR1879 | 219 | 377.3 | 99 | 10632 | 104 | 0.71 | 62.82 | 99 | 1765 | 104 | 19.57 | 28.25 | 124 | 1243 | 170 | 0 | 91.0 |
| Comm Benchmark Mean | | 379.5 | | 10188 | | 0.82 | 63.43 | | 1705 | | 19.79 | 26.81 | 155 | 1394 | 207 | | 90.6 |
| Trial Mean | | 376.5 | | 10568 | | 0.79 | 62.59 | | 1756 | | 19.62 | 28.09 | 162 | 1367 | 191 | | 86.2 |
| Coeff. of Var. (%) | | 2.4 | | 5 | | 6.38 | 4.19 | | 6 | | 2.30 | 5.31 | 18 | 5 | 12 | | 6.2 |
| Mean LSD (0.05) | | 11.5 | | 726 | | 0.06 | 3.29 | | 135.8 | | 0.57 | 1.9 | 35.6 | 82.63 | 29.09 | | 6.14 |
| Mean LSD (0.01) | | 15.2 | | 959 | | 0.08 | 4.35 | | 179 | | 0.75 | 2.51 | 47 | 109 | 38 | | 8.1 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from Stephen MN Bolters per acre are based upon 45,000 plants per acre.

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

Created 11/2/2018

Trial # = 188310

2018 Performance of Approved RR Varieties - ACSC Official Trials

St Thomas ND

| Description @ | Code | Rec/T lbs. | Rec/T %Bnch | Rec/A lbs. | Rec/A %Bnch | Loss Mol % | Rev/T \$ ++ | Rev/T %Bnch | Rev/A \$ ++ | Rev/A %Bnch | Sugar % | Yield T/A | Na ppm | K ppm | AmN ppm | Bolter per Ac | Emerg. % |
|---|------|------------|-------------|------------|-------------|------------|-------------|-------------|-------------|-------------|---------|-----------|--------|-------|---------|---------------|----------|
| Commercial Trial | | | | | | | | | | | | | | | | | |
| BTS 80RR52 | 130 | 374.8 | 100 | 6161 | 91 | 1.28 | 62.10 | 100 | 1022 | 91 | 20.01 | 16.40 | 172 | 1506 | 529 | 0 | 85.7 |
| BTS 8337 | 119 | 389.4 | 104 | 7110 | 105 | 1.14 | 66.29 | 106 | 1207 | 107 | 20.64 | 18.34 | 141 | 1514 | 431 | 0 | 81.1 |
| BTS 8500 | 124 | 387.1 | 103 | 7836 | 115 | 1.06 | 65.63 | 105 | 1327 | 118 | 20.41 | 20.26 | 155 | 1464 | 376 | 0 | 85.7 |
| BTS 8524 | 127 | 369.7 | 98 | 7784 | 115 | 1.18 | 60.64 | 97 | 1277 | 113 | 19.68 | 21.06 | 194 | 1631 | 409 | 0 | 75.0 |
| BTS 8606 | 106 | 390.9 | 104 | 7549 | 111 | 1.12 | 66.70 | 107 | 1290 | 114 | 20.66 | 19.27 | 179 | 1465 | 416 | 0 | 79.5 |
| BTS 8629 | 110 | 382.4 | 102 | 8300 | 122 | 1.17 | 64.27 | 103 | 1396 | 124 | 20.30 | 21.69 | 210 | 1391 | 459 | 0 | 69.8 |
| Crystal 093RR | 126 | 391.6 | 104 | 7178 | 106 | 1.10 | 66.90 | 107 | 1227 | 109 | 20.67 | 18.32 | 151 | 1469 | 409 | 0 | 82.4 |
| Crystal 247RR | 113 | 378.3 | 101 | 7400 | 109 | 1.11 | 63.11 | 101 | 1232 | 109 | 20.02 | 19.59 | 183 | 1505 | 396 | 0 | 79.3 |
| Crystal 355RR | 109 | 376.0 | 100 | 6312 | 93 | 1.27 | 62.45 | 100 | 1049 | 93 | 20.06 | 16.77 | 217 | 1582 | 488 | 0 | 89.4 |
| Crystal 467RR | 120 | 373.7 | 100 | 7291 | 107 | 1.18 | 61.80 | 99 | 1205 | 107 | 19.85 | 19.49 | 269 | 1618 | 390 | 0 | 85.0 |
| Crystal 572RR | 112 | 385.6 | 103 | 7446 | 110 | 1.07 | 65.19 | 105 | 1256 | 111 | 20.35 | 19.37 | 146 | 1416 | 398 | 0 | 80.5 |
| Crystal 573RR | 101 | 395.5 | 105 | 7565 | 111 | 1.05 | 68.02 | 109 | 1301 | 115 | 20.83 | 19.14 | 138 | 1418 | 384 | 0 | 84.6 |
| Crystal 574RR | 114 | 378.4 | 101 | 7911 | 116 | 1.20 | 63.12 | 101 | 1317 | 117 | 20.10 | 20.94 | 191 | 1516 | 461 | 0 | 84.5 |
| Crystal 578RR | 115 | 384.2 | 102 | 7438 | 109 | 1.19 | 64.80 | 104 | 1254 | 111 | 20.40 | 19.38 | 194 | 1532 | 439 | 0 | 86.4 |
| Hilleshög HM4302RR | 107 | 380.1 | 101 | 7084 | 104 | 1.10 | 63.63 | 102 | 1185 | 105 | 20.11 | 18.67 | 166 | 1553 | 377 | 0 | 76.3 |
| Hilleshög HM4448RR | 125 | 389.0 | 104 | 7681 | 113 | 1.18 | 66.15 | 106 | 1308 | 116 | 20.62 | 19.71 | 164 | 1474 | 466 | 0 | 80.2 |
| Hilleshög HM9528RR | 117 | 377.3 | 101 | 7303 | 107 | 1.17 | 62.82 | 101 | 1216 | 108 | 20.05 | 19.38 | 179 | 1523 | 435 | 0 | 75.3 |
| Hilleshög HIL9708 | 131 | 370.1 | 99 | 7124 | 105 | 1.26 | 60.76 | 98 | 1168 | 104 | 19.80 | 19.29 | 201 | 1508 | 507 | 0 | 76.8 |
| Maribo MA109 | 128 | 393.5 | 105 | 6659 | 98 | 1.24 | 67.46 | 108 | 1138 | 101 | 20.91 | 17.01 | 181 | 1525 | 480 | 0 | 77.3 |
| Maribo MA305 | 102 | 379.8 | 101 | 7527 | 111 | 1.08 | 63.53 | 102 | 1259 | 112 | 20.10 | 19.82 | 202 | 1447 | 383 | 0 | 67.7 |
| Maribo MA502 | 116 | 365.3 | 97 | 6876 | 101 | 1.23 | 59.37 | 95 | 1117 | 99 | 19.49 | 18.83 | 273 | 1584 | 432 | 0 | 76.2 |
| Maribo MA504 | 122 | 381.3 | 102 | 7331 | 108 | 1.29 | 63.95 | 103 | 1229 | 109 | 20.35 | 19.25 | 226 | 1577 | 492 | 0 | 77.3 |
| SV RR265 | 108 | 372.7 | 99 | 7252 | 107 | 1.17 | 61.50 | 99 | 1195 | 106 | 19.80 | 19.47 | 158 | 1539 | 434 | 0 | 80.2 |
| SV RR266 | 118 | 379.7 | 101 | 7336 | 108 | 1.14 | 63.50 | 102 | 1228 | 109 | 20.13 | 19.29 | 149 | 1517 | 430 | 0 | 69.3 |
| SV RR268 | 132 | 384.0 | 102 | 7851 | 116 | 1.10 | 64.73 | 104 | 1323 | 117 | 20.27 | 20.44 | 163 | 1584 | 374 | 0 | 77.3 |
| SV RR333 | 123 | 384.4 | 102 | 7388 | 109 | 1.18 | 64.86 | 104 | 1246 | 110 | 20.40 | 19.23 | 168 | 1603 | 429 | 0 | 69.8 |
| SV RR351 | 104 | 379.7 | 101 | 7768 | 114 | 1.14 | 63.49 | 102 | 1298 | 115 | 20.12 | 20.47 | 175 | 1543 | 415 | 0 | 78.5 |
| SX Avalanche RR | 129 | 377.2 | 100 | 6977 | 103 | 0.96 | 62.80 | 101 | 1161 | 103 | 19.84 | 18.50 | 172 | 1539 | 275 | 20 | 74.4 |
| SX Bronco RR(1863) | 105 | 389.9 | 104 | 7702 | 113 | 1.09 | 66.43 | 107 | 1313 | 116 | 20.56 | 19.75 | 161 | 1550 | 370 | 0 | 75.8 |
| SX Canyon RR | 103 | 379.2 | 101 | 7450 | 110 | 1.09 | 63.37 | 102 | 1247 | 111 | 20.08 | 19.61 | 165 | 1583 | 366 | 0 | 79.8 |
| SX Cruze RR | 121 | 336.5 | 90 | 5995 | 88 | 1.66 | 51.11 | 82 | 909 | 81 | 18.50 | 17.86 | 285 | 1705 | 730 | 0 | 49.9 |
| SX Marathon RR | 111 | 377.3 | 101 | 7558 | 111 | 1.27 | 62.81 | 101 | 1258 | 112 | 20.12 | 20.04 | 177 | 1617 | 486 | 0 | 80.6 |
| Experimental Trial (Comm status) | | | | | | | | | | | | | | | | | |
| BTS 8735 | 250 | 392.2 | 104 | 6991 | 103 | 1.19 | 67.11 | 108 | 1201 | 106 | 20.82 | 17.78 | 218 | 1396 | 474 | 0 | 80.9 |
| BTS 8749 | 243 | 371.7 | 99 | 6193 | 91 | 1.27 | 61.19 | 98 | 1020 | 90 | 19.84 | 16.64 | 157 | 1608 | 497 | 0 | 80.1 |
| BTS 8767 | 225 | 379.3 | 101 | 6932 | 102 | 1.19 | 63.40 | 102 | 1164 | 103 | 20.17 | 18.17 | 183 | 1582 | 441 | 0 | 82.7 |
| BTS 8784 | 210 | 380.4 | 101 | 6733 | 99 | 1.20 | 63.71 | 102 | 1132 | 100 | 20.21 | 17.62 | 144 | 1425 | 503 | 0 | 87.8 |
| Crystal 684RR | 227 | 377.7 | 101 | 7413 | 109 | 1.20 | 62.94 | 101 | 1239 | 110 | 20.08 | 19.55 | 212 | 1561 | 443 | 0 | 83.0 |
| Crystal 792RR | 240 | 372.8 | 99 | 6628 | 98 | 1.19 | 61.51 | 99 | 1095 | 97 | 19.85 | 17.78 | 141 | 1489 | 472 | 0 | 80.5 |
| Crystal 793RR | 238 | 382.6 | 102 | 7148 | 105 | 1.13 | 64.35 | 103 | 1210 | 107 | 20.26 | 18.56 | 152 | 1377 | 456 | 0 | 78.9 |
| Crystal 796RR | 231 | 377.4 | 101 | 7894 | 116 | 1.09 | 62.85 | 101 | 1318 | 117 | 19.96 | 20.84 | 168 | 1529 | 385 | 0 | 82.9 |
| Hilleshög HIL9920 | 223 | 384.1 | 102 | 7154 | 105 | 1.17 | 64.76 | 104 | 1213 | 108 | 20.34 | 18.50 | 197 | 1560 | 425 | 0 | 84.0 |
| Maribo MA717 | 248 | 383.2 | 102 | 6989 | 103 | 1.32 | 64.49 | 104 | 1182 | 105 | 20.43 | 18.11 | 254 | 1504 | 533 | 0 | 77.8 |
| SV RR371 | 202 | 374.6 | 100 | 6885 | 101 | 1.18 | 62.03 | 100 | 1141 | 101 | 19.91 | 18.34 | 176 | 1571 | 437 | 0 | 71.3 |
| SX RR1879 | 219 | 376.1 | 100 | 7340 | 108 | 1.13 | 62.47 | 100 | 1222 | 108 | 19.96 | 19.48 | 143 | 1472 | 433 | 0 | 84.4 |
| Comm Benchmark Mean | | 375.4 | | 6794 | | 1.25 | 62.26 | | 1128 | | 20.01 | 18.08 | 192 | 1557 | 482 | | 83.3 |
| Trial Mean | | 378.7 | | 7285 | | 1.18 | 63.23 | | 1216 | | 20.12 | 19.24 | 187 | 1535 | 440 | | 77.7 |
| Coeff. of Var. (%) | | 2.4 | | 6 | | 9.44 | 4.20 | | 6 | | 2.11 | 5.15 | 24 | 5 | 16 | | 7.9 |
| Mean LSD (0.05) | | 11.75 | | 512.5 | | 0.14 | 3.37 | | 98.44 | | 0.53 | 1.27 | 53.1 | 88.31 | 89.55 | | 7.41 |
| Mean LSD (0.01) | | 15.5 | | 677 | | 0.19 | 4.45 | | 130 | | 0.70 | 1.68 | 70 | 117 | 118 | | 9.8 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from St Thomas ND Bolters per acre are based upon 45,000 plants per acre.

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

Created 11/2/2018

Trial # = 188311

2018 Performance of Approved RR Varieties - ACSC Official Trials
 Bathgate MN

| Description @ | Code | Rec/T lbs. | Rec/T %Bnch | Rec/A lbs. | Rec/A %Bnch | Loss Mol % | Rev/T \$ ++ | Rev/T %Bnch | Rev/A \$ ++ | Rev/A %Bnch | Sugar % | Yield T/A | Na ppm | K ppm | AmN ppm | Bolter per Ac | Emerg. % |
|---|------|---------------|----------------|---------------|----------------|---------------|----------------|----------------|----------------|----------------|------------|--------------|-----------|----------|------------|------------------|-------------|
| Commercial Trial | | | | | | | | | | | | | | | | | |
| BTS 80RR52 | 130 | 364.0 | 100 | 8484 | 95 | 1.07 | 58.99 | 100 | 1370 | 95 | 19.26 | 23.36 | 136 | 1645 | 340 | 0 | 91.2 |
| BTS 8337 | 119 | 372.6 | 102 | 8718 | 98 | 0.99 | 61.47 | 104 | 1438 | 100 | 19.62 | 23.38 | 118 | 1529 | 321 | 0 | 87.3 |
| BTS 8500 | 124 | 366.2 | 101 | 9649 | 108 | 0.98 | 59.64 | 101 | 1564 | 109 | 19.30 | 26.38 | 127 | 1564 | 300 | 0 | 93.3 |
| BTS 8524 | 127 | 350.4 | 96 | 9748 | 109 | 1.09 | 55.12 | 93 | 1534 | 106 | 18.60 | 27.81 | 146 | 1769 | 319 | 0 | 84.1 |
| BTS 8606 | 106 | 367.3 | 101 | 9687 | 109 | 0.96 | 59.96 | 102 | 1585 | 110 | 19.32 | 26.24 | 128 | 1550 | 283 | 0 | 89.4 |
| BTS 8629 | 110 | 358.7 | 99 | 9647 | 108 | 0.97 | 57.50 | 97 | 1535 | 107 | 18.91 | 27.17 | 125 | 1443 | 322 | 0 | 77.9 |
| Crystal 093RR | 126 | 368.3 | 101 | 8843 | 99 | 1.07 | 60.24 | 102 | 1447 | 100 | 19.48 | 24.02 | 118 | 1604 | 359 | 0 | 92.4 |
| Crystal 247RR | 113 | 363.8 | 100 | 9395 | 105 | 0.98 | 58.96 | 100 | 1527 | 106 | 19.17 | 25.71 | 136 | 1588 | 292 | 0 | 92.2 |
| Crystal 355RR | 109 | 372.6 | 102 | 8450 | 95 | 1.00 | 61.46 | 104 | 1387 | 96 | 19.63 | 22.74 | 106 | 1557 | 326 | 0 | 95.3 |
| Crystal 467RR | 120 | 364.6 | 100 | 8864 | 99 | 1.07 | 59.17 | 100 | 1444 | 100 | 19.29 | 24.23 | 168 | 1719 | 311 | 0 | 87.2 |
| Crystal 572RR | 112 | 370.1 | 102 | 9097 | 102 | 1.02 | 60.74 | 103 | 1496 | 104 | 19.53 | 24.64 | 116 | 1521 | 344 | 0 | 84.6 |
| Crystal 573RR | 101 | 361.9 | 99 | 9079 | 102 | 1.02 | 58.40 | 99 | 1461 | 101 | 19.11 | 25.11 | 121 | 1508 | 345 | 0 | 92.7 |
| Crystal 574RR | 114 | 359.7 | 99 | 9755 | 109 | 1.03 | 57.78 | 98 | 1558 | 108 | 19.01 | 27.24 | 138 | 1554 | 332 | 0 | 87.4 |
| Crystal 578RR | 115 | 366.8 | 101 | 9408 | 105 | 0.98 | 59.79 | 101 | 1538 | 107 | 19.31 | 25.53 | 122 | 1583 | 293 | 0 | 91.4 |
| Hilleshög HM4302RR | 107 | 367.8 | 101 | 9163 | 103 | 0.97 | 60.09 | 102 | 1498 | 104 | 19.35 | 24.95 | 142 | 1623 | 266 | 0 | 86.2 |
| Hilleshög HM4448RR | 125 | 373.5 | 103 | 9730 | 109 | 0.88 | 61.71 | 105 | 1605 | 111 | 19.56 | 26.12 | 104 | 1425 | 266 | 0 | 89.1 |
| Hilleshög HM9528RR | 117 | 364.8 | 100 | 9395 | 105 | 0.94 | 59.23 | 100 | 1534 | 106 | 19.20 | 25.64 | 119 | 1501 | 291 | 20 | 85.2 |
| Hilleshög HIL9708 | 131 | 365.7 | 100 | 9023 | 101 | 0.99 | 59.49 | 101 | 1467 | 102 | 19.29 | 24.67 | 117 | 1585 | 308 | 0 | 90.9 |
| Maribo MA109 | 128 | 373.8 | 103 | 8505 | 95 | 0.96 | 61.82 | 105 | 1406 | 98 | 19.65 | 22.76 | 129 | 1563 | 285 | 0 | 79.9 |
| Maribo MA305 | 102 | 360.0 | 99 | 9287 | 104 | 0.99 | 57.85 | 98 | 1488 | 103 | 18.99 | 25.87 | 126 | 1495 | 326 | 0 | 84.1 |
| Maribo MA502 | 116 | 352.8 | 97 | 8311 | 93 | 1.13 | 55.78 | 94 | 1305 | 91 | 18.77 | 23.76 | 168 | 1751 | 346 | 0 | 92.4 |
| Maribo MA504 | 122 | 361.3 | 99 | 9746 | 109 | 1.02 | 58.22 | 99 | 1578 | 110 | 19.09 | 26.86 | 133 | 1595 | 320 | 0 | 91.4 |
| SV RR265 | 108 | 354.9 | 97 | 9311 | 104 | 0.98 | 56.38 | 95 | 1473 | 102 | 18.71 | 26.41 | 129 | 1580 | 291 | 0 | 88.8 |
| SV RR266 | 118 | 362.9 | 100 | 9161 | 103 | 0.99 | 58.68 | 99 | 1477 | 103 | 19.14 | 25.22 | 135 | 1626 | 287 | 0 | 80.2 |
| SV RR268 | 132 | 367.7 | 101 | 9140 | 102 | 0.97 | 60.07 | 102 | 1483 | 103 | 19.36 | 25.02 | 117 | 1580 | 289 | 0 | 85.1 |
| SV RR333 | 123 | 371.3 | 102 | 8870 | 99 | 0.94 | 61.10 | 103 | 1459 | 101 | 19.50 | 23.94 | 111 | 1563 | 270 | 0 | 82.8 |
| SV RR351 | 104 | 365.6 | 100 | 9319 | 104 | 0.99 | 59.46 | 101 | 1507 | 105 | 19.27 | 25.64 | 107 | 1559 | 314 | 0 | 86.0 |
| SX Avalanche RR | 129 | 356.8 | 98 | 8319 | 93 | 1.03 | 56.94 | 96 | 1326 | 92 | 18.87 | 23.46 | 143 | 1623 | 318 | 0 | 86.7 |
| SX Bronco RR(1863) | 105 | 364.8 | 100 | 8954 | 100 | 0.99 | 59.23 | 100 | 1456 | 101 | 19.23 | 24.47 | 131 | 1576 | 301 | 0 | 88.9 |
| SX Canyon RR | 103 | 362.8 | 100 | 9741 | 109 | 1.03 | 58.66 | 99 | 1573 | 109 | 19.16 | 26.90 | 121 | 1615 | 326 | 20 | 87.0 |
| SX Cruze RR | 121 | 336.5 | 92 | 8830 | 99 | 1.16 | 51.13 | 87 | 1340 | 93 | 17.99 | 26.35 | 147 | 1711 | 394 | 0 | 55.2 |
| SX Marathon RR | 111 | 363.4 | 100 | 9130 | 102 | 0.98 | 58.83 | 100 | 1477 | 103 | 19.15 | 25.20 | 122 | 1599 | 288 | 0 | 88.0 |
| Experimental Trial (Comm status) | | | | | | | | | | | | | | | | | |
| BTS 8735 | 250 | 378.6 | 104 | 9439 | 106 | 0.88 | 63.16 | 107 | 1571 | 109 | 19.81 | 25.06 | 115 | 1383 | 273 | 0 | 93.8 |
| BTS 8749 | 243 | 365.9 | 100 | 8950 | 100 | 1.02 | 59.52 | 101 | 1454 | 101 | 19.31 | 24.39 | 115 | 1615 | 322 | 0 | 87.5 |
| BTS 8767 | 225 | 365.8 | 100 | 9783 | 110 | 0.99 | 59.48 | 101 | 1595 | 111 | 19.27 | 26.55 | 136 | 1649 | 278 | 0 | 94.4 |
| BTS 8784 | 210 | 382.1 | 105 | 9551 | 107 | 0.88 | 64.14 | 109 | 1609 | 112 | 19.98 | 24.89 | 105 | 1420 | 265 | 0 | 87.0 |
| Crystal 684RR | 227 | 363.9 | 100 | 10316 | 116 | 1.02 | 58.95 | 100 | 1671 | 116 | 19.21 | 28.38 | 129 | 1663 | 302 | 0 | 95.7 |
| Crystal 792RR | 240 | 370.0 | 102 | 9440 | 106 | 0.97 | 60.71 | 103 | 1558 | 108 | 19.47 | 25.35 | 110 | 1526 | 306 | 0 | 85.9 |
| Crystal 793RR | 238 | 372.4 | 102 | 10077 | 113 | 0.89 | 61.39 | 104 | 1675 | 116 | 19.51 | 26.94 | 102 | 1426 | 270 | 60 | 89.5 |
| Crystal 796RR | 231 | 363.0 | 100 | 10338 | 116 | 0.97 | 58.70 | 99 | 1677 | 116 | 19.11 | 28.49 | 119 | 1587 | 284 | 0 | 91.1 |
| Hilleshög HIL9920 | 223 | 383.1 | 105 | 9181 | 103 | 0.90 | 64.40 | 109 | 1548 | 107 | 20.05 | 23.93 | 118 | 1526 | 250 | 0 | 90.6 |
| Maribo MA717 | 248 | 372.0 | 102 | 9370 | 105 | 0.92 | 61.26 | 104 | 1560 | 108 | 19.51 | 24.96 | 124 | 1520 | 260 | 0 | 97.4 |
| SV RR371 | 202 | 362.4 | 100 | 9305 | 104 | 0.97 | 58.53 | 99 | 1504 | 104 | 19.07 | 25.56 | 123 | 1547 | 295 | 0 | 92.5 |
| SX RR1879 | 219 | 368.0 | 101 | 9338 | 105 | 0.90 | 60.14 | 102 | 1518 | 105 | 19.31 | 25.62 | 116 | 1586 | 234 | 0 | 95.4 |
| Comm Benchmark Mean | | 364.2 | | 8919 | | 1.03 | 59.04 | | 1441 | | 19.23 | 24.61 | 126 | 1609 | 321 | | 90.2 |
| Trial Mean | | 362.8 | | 9120 | | 1.01 | 58.67 | | 1472 | | 19.15 | 25.19 | 129 | 1588 | 312 | | 86.9 |
| Coeff. of Var. (%) | | 3.1 | | 6 | | 7.7 | 5.4 | | 7 | | 2.7 | 5.1 | 15 | 4 | 15 | | 6.7 |
| Mean LSD (0.05) | | 13.9 | | 667 | | 0.10 | 3.98 | | 134 | | 0.64 | 1.65 | 23 | 89 | 58 | | 6.6 |
| Mean LSD (0.01) | | 18.3 | | 881 | | 0.13 | 5.25 | | 177 | | 0.84 | 2.19 | 31 | 118 | 77 | | 8.8 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from Bathgate MN Bolters per acre are based upon 45,000 plants per acre.

Created 11/2/2018

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

Trial # = 188313

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

2018 Performance of Approved Varieties - Conventional Official Trials
5 sites - All Characters

| Unadjusted | | Rec/T | Rec/T | Rec/A | Rec/A | Loss | Rev/T | Rev/T | Rev/A | Rev/A | Sugar | Yield | Na | K | AmN | BolterEmerg. | |
|--------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--------------|------|
| Description @ | Code | lbs. | %Mean | lbs. | %Mean | Mol % | \$ ++ | %Mean | \$ ++ | %Mean | % | T/A | ppm | ppm | ppm | /Ac | % |
| Previous Approved | | | | | | | | | | | | | | | | | |
| BETA EXP 687 | 804 | 345.6 | 102 | 11006 | 93 | 1.12 | 53.73 | 104 | 1698 | 95 | 18.40 | 32.11 | 172 | 1534 | 393 | 0 | 84.4 |
| BETA EXP 698 | 810 | 337.3 | 99 | 12134 | 103 | 1.06 | 51.36 | 99 | 1831 | 102 | 17.93 | 36.33 | 223 | 1632 | 308 | 0 | 80.2 |
| BETA EXP 747 | 813 | 345.0 | 102 | 12377 | 105 | 0.93 | 53.57 | 103 | 1907 | 107 | 18.18 | 36.19 | 186 | 1433 | 273 | 0 | 81.9 |
| BETA EXP 758 | 812 | 337.0 | 99 | 11501 | 98 | 1.06 | 51.26 | 99 | 1731 | 97 | 17.91 | 34.52 | 221 | 1624 | 304 | 0 | 84.1 |
| Crystal 620 | 811 | 342.1 | 101 | 12221 | 104 | 1.05 | 52.73 | 102 | 1867 | 104 | 18.16 | 36.10 | 187 | 1583 | 323 | 0 | 78.7 |
| Crystal R761 | 817 | 327.1 | 96 | 12172 | 103 | 1.17 | 48.44 | 93 | 1789 | 100 | 17.53 | 37.50 | 237 | 1771 | 354 | 0 | 82.6 |
| Hilleshög 3035Rz | 808 | 348.5 | 103 | 9405 | 80 | 0.97 | 54.57 | 105 | 1464 | 82 | 18.38 | 27.20 | 163 | 1578 | 270 | 0 | 69.9 |
| Hilleshög 9891Rz | 805 | 343.1 | 101 | 10198 | 86 | 1.03 | 53.03 | 102 | 1563 | 87 | 18.18 | 29.99 | 172 | 1561 | 321 | 0 | 84.4 |
| Maribo MA615Rz | 802 | 323.8 | 95 | 11277 | 96 | 1.23 | 47.49 | 92 | 1640 | 92 | 17.43 | 35.11 | 277 | 1721 | 398 | 0 | 79.8 |
| Seedex 8869 Cnv | 820 | 332.7 | 98 | 12448 | 106 | 0.97 | 50.05 | 96 | 1859 | 104 | 17.60 | 37.71 | 185 | 1581 | 261 | 5 | 84.5 |
| Seedex Deuce | 815 | 337.8 | 100 | 12417 | 105 | 1.02 | 51.50 | 99 | 1885 | 105 | 17.90 | 36.93 | 185 | 1648 | 282 | 0 | 82.8 |
| SV 48611 | 816 | 350.8 | 103 | 11930 | 101 | 0.99 | 55.21 | 106 | 1868 | 104 | 18.52 | 34.22 | 143 | 1597 | 292 | 0 | 80.9 |
| SV 48777 | 814 | 351.1 | 104 | 11565 | 98 | 0.92 | 55.32 | 107 | 1815 | 102 | 18.47 | 33.09 | 155 | 1542 | 244 | 0 | 83.4 |
| Newly Approved | | | | | | | | | | | | | | | | | |
| BETA EXP 872 | 803 | 341.8 | 101 | 12279 | 104 | 1.08 | 52.63 | 101 | 1874 | 105 | 18.18 | 36.30 | 212 | 1696 | 311 | 0 | 71.2 |
| Crystal 840 | 807 | 338.4 | 100 | 12429 | 105 | 1.04 | 51.66 | 100 | 1882 | 105 | 17.96 | 37.07 | 208 | 1632 | 299 | 0 | 77.4 |
| Benchmark Mean | | 344.4 | | 11444 | | 1.08 | 53.39 | | 1762 | | 18.30 | 33.50 | 175 | 1646 | 332 | | 84.1 |
| Trial Mean | | 339.1 | | 11793 | | 1.05 | 51.88 | | 1788 | | 18.00 | 35.12 | 194 | 1620 | 310 | | 81.2 |
| Coeff. of Var. (%) | | 2.9 | | 6.5 | | 9.1 | 5.4 | | 7.7 | | 2.5 | 6.2 | 23.3 | 6.7 | 17.8 | | 7.3 |
| Mean LSD (0.05) | | 7.4 | | 606 | | 0.08 | 2.12 | | 104 | | 0.34 | 1.93 | 37 | 96 | 44 | | 4.2 |
| Mean LSD (0.01) | | 9.8 | | 803 | | 0.11 | 2.81 | | 138 | | 0.45 | 2.55 | 49 | 128 | 59 | | 5.5 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from 5 sites

%Mean = percentage of trial mean.

@ Some varieties not approved for sale. Refer to approval list for approval status.

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

Created 10/30/2018

Trial # = 18ACScnv

2018 Performance of Approved Varieties - Conventional Official Trials
Casselton ND - All Characters

| Unadjusted | | Rec/T | Rec/T | Rec/A | Rec/A | Loss | Rev/T | Rev/T | Rev/A | Rev/A | Sugar | Yield | Na | K | AmN | BolterEmerg. | |
|--------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--------------|------|
| Description @ | Code | lbs. | %Mean | lbs. | %Mean | Mol % | \$ ++ | %Mean | \$ ++ | %Mean | % | T/A | ppm | ppm | ppm | /Ac | % |
| Previous Approved | | | | | | | | | | | | | | | | | |
| BETA EXP 687 | 804 | 348.1 | 104 | 12514 | 101 | 0.92 | 54.44 | 108 | 1944 | 104 | 18.32 | 36.25 | 83 | 1285 | 342 | 0 | 86.5 |
| BETA EXP 698 | 810 | 327.3 | 98 | 12777 | 103 | 1.04 | 48.49 | 96 | 1888 | 101 | 17.40 | 38.85 | 141 | 1810 | 267 | 0 | 79.7 |
| BETA EXP 747 | 813 | 345.1 | 103 | 12487 | 101 | 0.91 | 53.59 | 106 | 1935 | 104 | 18.16 | 36.32 | 120 | 1550 | 240 | 0 | 79.7 |
| BETA EXP 758 | 812 | 328.8 | 98 | 11314 | 91 | 1.09 | 48.91 | 97 | 1673 | 90 | 17.53 | 34.86 | 134 | 1895 | 304 | 0 | 83.3 |
| Crystal 620 | 811 | 338.9 | 101 | 13784 | 111 | 0.99 | 51.82 | 102 | 2103 | 113 | 17.93 | 40.77 | 113 | 1747 | 263 | 0 | 84.9 |
| Crystal R761 | 817 | 317.3 | 95 | 13107 | 106 | 1.26 | 45.63 | 90 | 1881 | 101 | 17.13 | 41.34 | 165 | 2039 | 381 | 0 | 87.5 |
| Hilleshög 3035Rz | 808 | 353.3 | 106 | 10328 | 83 | 0.94 | 55.93 | 111 | 1660 | 89 | 18.61 | 28.88 | 103 | 1743 | 236 | 0 | 72.4 |
| Hilleshög 9891Rz | 805 | 345.0 | 103 | 11192 | 90 | 0.98 | 53.56 | 106 | 1730 | 93 | 18.22 | 32.61 | 106 | 1601 | 286 | 0 | 90.6 |
| Maribo MA615Rz | 802 | 317.6 | 95 | 11737 | 95 | 1.28 | 45.71 | 90 | 1681 | 90 | 17.15 | 37.45 | 181 | 1967 | 405 | 0 | 91.2 |
| Seedex 8869 Cnv | 820 | 323.8 | 97 | 12754 | 103 | 0.98 | 47.47 | 94 | 1873 | 100 | 17.17 | 39.35 | 123 | 1770 | 248 | 0 | 83.3 |
| Seedex Deuce | 815 | 341.3 | 102 | 12687 | 102 | 1.13 | 52.51 | 104 | 1959 | 105 | 18.20 | 37.20 | 128 | 1955 | 317 | 0 | 87.0 |
| SV 48611 | 816 | 346.5 | 104 | 11600 | 94 | 1.05 | 53.98 | 107 | 1828 | 98 | 18.37 | 33.18 | 113 | 1818 | 289 | 0 | 81.8 |
| SV 48777 | 814 | 354.1 | 106 | 12093 | 98 | 0.97 | 56.16 | 111 | 1924 | 103 | 18.68 | 33.81 | 105 | 1741 | 245 | 0 | 89.1 |
| Newly Approved | | | | | | | | | | | | | | | | | |
| BETA EXP 872 | 803 | 334.1 | 100 | 13283 | 107 | 1.12 | 50.43 | 100 | 1993 | 107 | 17.83 | 39.98 | 144 | 1851 | 326 | 0 | 76.0 |
| Crystal 840 | 807 | 335.2 | 100 | 12772 | 103 | 1.01 | 50.75 | 100 | 1947 | 104 | 17.77 | 37.91 | 133 | 1784 | 259 | 0 | 80.2 |
| Benchmark Mean | | 343.6 | | 12022 | | 1.05 | 53.14 | | 1856 | | 18.23 | 35.03 | 121 | 1826 | 285 | | 86.8 |
| Trial Mean | | 334.7 | | 12391 | | 1.05 | 50.60 | | 1869 | | 17.78 | 37.13 | 129 | 1790 | 293 | | 84.9 |
| Coeff. of Var. (%) | | 3.2 | | 5.6 | | 9.4 | 6.0 | | 6.9 | | 2.9 | 5.8 | 15.3 | 12.5 | 12.3 | | 6.8 |
| Mean LSD (0.05) | | 17.5 | | 1276 | | 0.16 | 5.01 | | 232 | | 0.86 | 3.95 | 32 | 367 | 63 | | 9.5 |
| Mean LSD (0.01) | | 23.3 | | 1709 | | 0.22 | 6.69 | | 310 | | 1.15 | 5.29 | 43 | 490 | 84 | | 12.7 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from Casselton ND

%Mean = percentage of trial mean.

@ Some varieties not approved for sale. Refer to approval list for approval status.

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

2018 Performance of Approved Varieties - Conventional Official Trials
Ada MN - All Characters

| Unadjusted | | Rec/T | Rec/T | Rec/A | Rec/A | Loss | Rev/T | Rev/T | Rev/A | Rev/A | Sugar | Yield | Na | K | AmN | BolterEmerg. | |
|--------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--------------|------|
| Description @ | Code | lbs. | %Mean | lbs. | %Mean | Mol % | \$ ++ | %Mean | \$ ++ | %Mean | % | T/A | ppm | ppm | ppm | /Ac | % |
| Previous Approved | | | | | | | | | | | | | | | | | |
| BETA EXP 687 | 804 | 340.2 | 101 | 12502 | 91 | 0.86 | 52.18 | 103 | 1907 | 92 | 17.86 | 36.95 | 153 | 1396 | 244 | 0 | 92.4 |
| BETA EXP 698 | 810 | 328.4 | 98 | 13926 | 102 | 0.86 | 48.79 | 96 | 2074 | 100 | 17.29 | 42.33 | 220 | 1448 | 201 | 0 | 88.9 |
| BETA EXP 747 | 813 | 334.8 | 100 | 14738 | 108 | 0.75 | 50.63 | 100 | 2231 | 108 | 17.48 | 43.89 | 181 | 1238 | 183 | 0 | 95.6 |
| BETA EXP 758 | 812 | 333.2 | 99 | 12429 | 91 | 0.79 | 50.17 | 99 | 1869 | 90 | 17.45 | 37.37 | 167 | 1389 | 185 | 0 | 94.9 |
| Crystal 620 | 811 | 340.7 | 102 | 14324 | 105 | 0.78 | 52.33 | 103 | 2206 | 107 | 17.82 | 41.82 | 134 | 1365 | 191 | 0 | 92.9 |
| Crystal R761 | 817 | 331.5 | 99 | 14047 | 103 | 0.85 | 49.69 | 98 | 2109 | 102 | 17.43 | 42.28 | 202 | 1476 | 192 | 0 | 92.6 |
| Hilleshög 3035Rz | 808 | 345.4 | 103 | 10614 | 78 | 0.79 | 53.67 | 106 | 1656 | 80 | 18.08 | 30.71 | 160 | 1325 | 201 | 0 | 73.5 |
| Hilleshög 9891Rz | 805 | 340.4 | 102 | 11453 | 84 | 0.77 | 52.24 | 103 | 1754 | 85 | 17.77 | 33.70 | 150 | 1307 | 194 | 0 | 93.1 |
| Maribo MA615Rz | 802 | 329.4 | 98 | 13664 | 100 | 0.83 | 49.08 | 97 | 2031 | 98 | 17.29 | 41.64 | 194 | 1403 | 196 | 0 | 87.9 |
| Seedex 8869 Cnv | 820 | 328.7 | 98 | 14955 | 109 | 0.68 | 48.89 | 96 | 2219 | 107 | 17.10 | 45.59 | 152 | 1229 | 143 | 0 | 94.6 |
| Seedex Deuce | 815 | 335.3 | 100 | 14299 | 104 | 0.71 | 50.78 | 100 | 2167 | 105 | 17.48 | 42.63 | 139 | 1284 | 162 | 0 | 93.4 |
| SV 48611 | 816 | 346.1 | 103 | 14283 | 104 | 0.74 | 53.88 | 106 | 2222 | 107 | 18.05 | 41.34 | 126 | 1305 | 183 | 0 | 92.0 |
| SV 48777 | 814 | 341.4 | 102 | 12794 | 93 | 0.64 | 52.53 | 103 | 1978 | 96 | 17.74 | 37.34 | 116 | 1199 | 139 | 0 | 89.5 |
| Newly Approved | | | | | | | | | | | | | | | | | |
| BETA EXP 872 | 803 | 336.2 | 100 | 14381 | 105 | 0.83 | 51.04 | 101 | 2179 | 105 | 17.64 | 42.93 | 174 | 1482 | 185 | 0 | 76.4 |
| Crystal 840 | 807 | 334.2 | 100 | 14755 | 108 | 0.82 | 50.45 | 99 | 2222 | 107 | 17.51 | 44.27 | 163 | 1443 | 194 | 0 | 91.4 |
| Benchmark Mean | | 343.5 | | 13480 | | 0.81 | 53.14 | | 2084 | | 17.98 | 39.26 | 143 | 1404 | 202 | | 94.4 |
| Trial Mean | | 335.3 | | 13691 | | 0.78 | 50.77 | | 2070 | | 17.55 | 40.92 | 159 | 1363 | 186 | | 91.0 |
| Coeff. of Var. (%) | | 2.7 | | 6.6 | | 6.4 | 5.1 | | 7.8 | | 2.5 | 6.2 | 29.5 | 5.2 | 11.4 | | 4.7 |
| Mean LSD (0.05) | | 13.3 | | 1327 | | 0.07 | 3.80 | | 238 | | 0.64 | 3.71 | 66 | 101 | 30 | | 6.4 |
| Mean LSD (0.01) | | 17.6 | | 1763 | | 0.09 | 5.05 | | 317 | | 0.85 | 4.92 | 88 | 134 | 40 | | 8.5 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from Ada MN

%Mean = percentage of trial mean.

@ Some varieties not approved for sale. Refer to approval list for approval status.

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

Created 10/30/2018

Trial # = 188204

2018 Performance of Approved Varieties - Conventional Official Trials
Grand Forks ND - All Characters

| Unadjusted | | Rec/T | Rec/T | Rec/A | Rec/A | Loss | Rev/T | Rev/T | Rev/A | Rev/A | Sugar | Yield | Na | K | AmN | BolterEmerg. | |
|--------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--------------|------|
| Description @ | Code | lbs. | %Mean | lbs. | %Mean | Mol % | \$ ++ | %Mean | \$ ++ | %Mean | % | T/A | ppm | ppm | ppm | /Ac | % |
| Previous Approved | | | | | | | | | | | | | | | | | |
| BETA EXP 687 | 804 | 330.2 | 104 | 11531 | 98 | 1.31 | 49.33 | 108 | 1726 | 103 | 17.81 | 35.12 | 266 | 1733 | 457 | 0 | 68.8 |
| BETA EXP 698 | 810 | 316.5 | 100 | 12471 | 106 | 1.29 | 45.40 | 100 | 1783 | 106 | 17.12 | 39.51 | 347 | 1819 | 390 | 0 | 65.3 |
| BETA EXP 747 | 813 | 334.2 | 105 | 12510 | 107 | 1.08 | 50.46 | 111 | 1884 | 112 | 17.79 | 37.47 | 291 | 1582 | 312 | 0 | 60.0 |
| BETA EXP 758 | 812 | 308.1 | 97 | 12283 | 105 | 1.32 | 43.00 | 95 | 1721 | 103 | 16.73 | 39.59 | 456 | 1769 | 383 | 0 | 66.6 |
| Crystal 620 | 811 | 316.7 | 100 | 11736 | 100 | 1.33 | 45.46 | 100 | 1673 | 100 | 17.17 | 37.20 | 342 | 1774 | 436 | 0 | 49.8 |
| Crystal R761 | 817 | 303.7 | 96 | 11801 | 101 | 1.44 | 41.72 | 92 | 1618 | 96 | 16.63 | 38.93 | 416 | 1961 | 445 | 0 | 63.2 |
| Hilleshög 3035Rz | 808 | 322.2 | 102 | 9131 | 78 | 1.13 | 47.03 | 103 | 1315 | 78 | 17.24 | 28.53 | 259 | 1705 | 324 | 0 | 54.8 |
| Hilleshög 9891Rz | 805 | 322.2 | 102 | 10528 | 90 | 1.24 | 47.02 | 103 | 1538 | 92 | 17.33 | 32.94 | 282 | 1734 | 399 | 0 | 65.7 |
| Maribo MA615Rz | 802 | 293.5 | 93 | 10657 | 91 | 1.53 | 38.80 | 85 | 1408 | 84 | 16.21 | 36.14 | 495 | 1935 | 490 | 0 | 57.4 |
| Seedex 8869 Cnv | 820 | 314.2 | 99 | 12179 | 104 | 1.27 | 44.74 | 98 | 1738 | 104 | 16.98 | 38.90 | 334 | 1824 | 381 | 23 | 70.9 |
| Seedex Deuce | 815 | 317.5 | 100 | 12281 | 105 | 1.22 | 45.67 | 100 | 1766 | 105 | 17.09 | 38.83 | 299 | 1804 | 347 | 0 | 62.9 |
| SV 48611 | 816 | 334.0 | 105 | 11664 | 100 | 1.11 | 50.42 | 111 | 1746 | 104 | 17.80 | 35.45 | 226 | 1753 | 316 | 0 | 59.5 |
| SV 48777 | 814 | 332.6 | 105 | 11911 | 102 | 1.12 | 50.00 | 110 | 1794 | 107 | 17.75 | 35.94 | 263 | 1678 | 330 | 0 | 66.4 |
| Newly Approved | | | | | | | | | | | | | | | | | |
| BETA EXP 872 | 803 | 319.8 | 101 | 11618 | 99 | 1.35 | 46.35 | 102 | 1680 | 100 | 17.36 | 36.00 | 346 | 1917 | 413 | 0 | 54.4 |
| Crystal 840 | 807 | 317.0 | 100 | 12383 | 106 | 1.32 | 45.54 | 100 | 1770 | 105 | 17.16 | 39.28 | 372 | 1845 | 394 | 0 | 55.9 |
| Benchmark Mean | | 319.8 | | 11649 | | 1.32 | 46.33 | | 1681 | | 17.31 | 36.57 | 293 | 1850 | 425 | | 63.9 |
| Trial Mean | | 316.8 | | 11717 | | 1.28 | 45.47 | | 1678 | | 17.12 | 37.08 | 333 | 1804 | 391 | | 61.7 |
| Coeff. of Var. (%) | | 3.6 | | 6.9 | | 7.9 | 7.1 | | 9.2 | | 3.0 | 5.9 | 19.4 | 4.0 | 14.7 | | 10.7 |
| Mean LSD (0.05) | | 17.8 | | 1225 | | 0.16 | 5.10 | | 240 | | 0.80 | 3.26 | 103 | 107 | 91 | | 9.9 |
| Mean LSD (0.01) | | 23.7 | | 1628 | | 0.21 | 6.79 | | 320 | | 1.07 | 4.34 | 137 | 143 | 122 | | 13.1 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from Grand Forks ND

%Mean = percentage of trial mean.

@ Some varieties not approved for sale. Refer to approval list for approval status.

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

2018 Performance of Approved Varieties - Conventional Official Trials
Scandia MN - All Characters

| Unadjusted | | Rec/T | Rec/T | Rec/A | Rec/A | Loss | Rev/T | Rev/T | Rev/A | Rev/A | Sugar | Yield | Na | K | AmN | BolterEmerg. | |
|--------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--------------|------|
| Description @ | Code | lbs. | %Mean | lbs. | %Mean | Mol % | \$ ++ | %Mean | \$ ++ | %Mean | % | T/A | ppm | ppm | ppm | /Ac | % |
| Previous Approved | | | | | | | | | | | | | | | | | |
| BETA EXP 687 | 804 | 340.5 | 101 | 10545 | 86 | 1.03 | 52.26 | 102 | 1621 | 87 | 18.06 | 30.88 | 175 | 1604 | 312 | 0 | 92.7 |
| BETA EXP 698 | 810 | 335.9 | 100 | 12051 | 98 | 1.01 | 50.96 | 100 | 1825 | 98 | 17.81 | 36.05 | 212 | 1584 | 284 | 0 | 89.0 |
| BETA EXP 747 | 813 | 332.0 | 99 | 12966 | 106 | 0.84 | 49.83 | 98 | 1951 | 105 | 17.44 | 38.88 | 171 | 1360 | 233 | 0 | 90.9 |
| BETA EXP 758 | 812 | 336.6 | 100 | 12138 | 99 | 0.94 | 51.14 | 100 | 1838 | 99 | 17.77 | 36.18 | 170 | 1550 | 258 | 0 | 93.3 |
| Crystal 620 | 811 | 336.7 | 100 | 12740 | 104 | 0.89 | 51.19 | 100 | 1928 | 104 | 17.73 | 38.06 | 170 | 1514 | 233 | 0 | 91.8 |
| Crystal R761 | 817 | 323.9 | 96 | 12578 | 103 | 1.05 | 47.51 | 93 | 1842 | 99 | 17.24 | 38.97 | 212 | 1651 | 298 | 0 | 92.2 |
| Hilleshög 3035Rz | 808 | 335.9 | 100 | 10382 | 85 | 0.97 | 50.95 | 100 | 1578 | 85 | 17.76 | 30.92 | 161 | 1562 | 277 | 0 | 77.1 |
| Hilleshög 9891Rz | 805 | 338.6 | 101 | 10576 | 86 | 0.95 | 51.74 | 101 | 1616 | 87 | 17.88 | 31.24 | 142 | 1532 | 280 | 0 | 89.5 |
| Maribo MA615Rz | 802 | 325.9 | 97 | 12057 | 98 | 1.05 | 48.10 | 94 | 1777 | 96 | 17.34 | 37.00 | 225 | 1588 | 308 | 0 | 89.9 |
| Seedex 8869 Cnv | 820 | 333.2 | 99 | 13310 | 109 | 0.79 | 50.16 | 98 | 2002 | 108 | 17.45 | 39.96 | 148 | 1416 | 186 | 0 | 91.6 |
| Seedex Deuce | 815 | 334.5 | 99 | 13014 | 106 | 0.89 | 50.56 | 99 | 1959 | 105 | 17.62 | 39.06 | 157 | 1523 | 226 | 0 | 90.0 |
| SV 48611 | 816 | 348.8 | 104 | 12753 | 104 | 0.87 | 54.66 | 107 | 2005 | 108 | 18.31 | 36.36 | 131 | 1516 | 221 | 0 | 93.4 |
| SV 48777 | 814 | 349.9 | 104 | 11944 | 97 | 0.82 | 54.96 | 108 | 1878 | 101 | 18.31 | 34.13 | 168 | 1425 | 197 | 0 | 92.9 |
| Newly Approved | | | | | | | | | | | | | | | | | |
| BETA EXP 872 | 803 | 337.6 | 100 | 13384 | 109 | 0.98 | 51.44 | 101 | 2037 | 110 | 17.86 | 39.76 | 198 | 1634 | 252 | 0 | 77.4 |
| Crystal 840 | 807 | 335.1 | 100 | 13123 | 107 | 0.90 | 50.73 | 99 | 1988 | 107 | 17.66 | 39.15 | 173 | 1532 | 228 | 0 | 86.7 |
| Benchmark Mean | | 342.9 | | 11641 | | 0.95 | 52.96 | | 1793 | | 18.09 | 34.03 | 143 | 1560 | 263 | | 93.0 |
| Trial Mean | | 336.4 | | 12257 | | 0.93 | 51.09 | | 1858 | | 17.75 | 36.52 | 171 | 1530 | 253 | | 90.2 |
| Coeff. of Var. (%) | | 2.2 | | 5.4 | | 6.8 | 4.2 | | 5.8 | | 2.0 | 5.7 | 20.6 | 3.9 | 13.4 | | 4.9 |
| Mean LSD (0.05) | | 11.0 | | 1025 | | 0.09 | 3.14 | | 167 | | 0.52 | 3.25 | 52 | 85 | 51 | | 6.3 |
| Mean LSD (0.01) | | 14.6 | | 1364 | | 0.12 | 4.17 | | 222 | | 0.69 | 4.32 | 69 | 112 | 68 | | 8.4 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from Scandia MN

%Mean = percentage of trial mean.

@ Some varieties not approved for sale. Refer to approval list for approval status.

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

2018 Performance of Approved Varieties - Conventional Official Trials
St Thomas ND - All Characters

| Unadjusted | | Rec/T | Rec/T | Rec/A | Rec/A | Loss | Rev/T | Rev/T | Rev/A | Rev/A | Sugar | Yield | Na | K | AmN | BolterEmerg. | |
|--------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--------------|------|
| Description @ | Code | lbs. | %Mean | lbs. | %Mean | Mol % | \$ ++ | %Mean | \$ ++ | %Mean | % | T/A | ppm | ppm | ppm | /Ac | % |
| Previous Approved | | | | | | | | | | | | | | | | | |
| BETA EXP 687 | 804 | 378.0 | 101 | 8448 | 95 | 1.39 | 63.01 | 103 | 1401 | 95 | 20.30 | 22.48 | 166 | 1613 | 590 | 0 | 81.6 |
| BETA EXP 698 | 810 | 375.0 | 101 | 9371 | 105 | 1.12 | 62.17 | 101 | 1554 | 106 | 19.89 | 24.99 | 194 | 1503 | 401 | 0 | 78.5 |
| BETA EXP 747 | 813 | 379.8 | 102 | 8960 | 100 | 1.08 | 63.54 | 103 | 1503 | 102 | 20.07 | 23.52 | 172 | 1412 | 396 | 0 | 82.2 |
| BETA EXP 758 | 812 | 380.3 | 102 | 9368 | 105 | 1.13 | 63.68 | 104 | 1558 | 106 | 20.17 | 24.87 | 164 | 1569 | 401 | 0 | 82.4 |
| Crystal 620 | 811 | 378.3 | 102 | 8428 | 95 | 1.21 | 63.10 | 103 | 1407 | 96 | 20.14 | 22.31 | 171 | 1513 | 472 | 0 | 75.5 |
| Crystal R761 | 817 | 359.1 | 96 | 9177 | 103 | 1.26 | 57.59 | 94 | 1474 | 100 | 19.19 | 25.49 | 187 | 1715 | 455 | 0 | 77.3 |
| Hilleshög 3035Rz | 808 | 381.7 | 102 | 6578 | 74 | 0.98 | 64.07 | 104 | 1115 | 76 | 20.07 | 17.01 | 140 | 1539 | 302 | 0 | 71.2 |
| Hilleshög 9891Rz | 805 | 374.9 | 101 | 7451 | 84 | 1.21 | 62.13 | 101 | 1225 | 83 | 19.99 | 20.08 | 176 | 1600 | 452 | 0 | 83.5 |
| Maribo MA615Rz | 802 | 354.9 | 95 | 8298 | 93 | 1.49 | 56.38 | 92 | 1315 | 90 | 19.24 | 23.49 | 289 | 1744 | 587 | 0 | 75.0 |
| Seedex 8869 Cnv | 820 | 365.4 | 98 | 9174 | 103 | 1.11 | 59.41 | 97 | 1492 | 102 | 19.36 | 25.10 | 163 | 1675 | 355 | 0 | 80.5 |
| Seedex Deuce | 815 | 363.6 | 98 | 9607 | 108 | 1.11 | 58.89 | 96 | 1562 | 106 | 19.26 | 26.21 | 176 | 1699 | 348 | 0 | 80.4 |
| SV 48611 | 816 | 376.7 | 101 | 9388 | 105 | 1.21 | 62.63 | 102 | 1560 | 106 | 20.01 | 24.90 | 131 | 1605 | 466 | 0 | 77.0 |
| SV 48777 | 814 | 374.5 | 101 | 8804 | 99 | 1.06 | 62.01 | 101 | 1455 | 99 | 19.80 | 23.61 | 140 | 1688 | 325 | 0 | 79.7 |
| Newly Approved | | | | | | | | | | | | | | | | | |
| BETA EXP 872 | 803 | 379.4 | 102 | 9023 | 101 | 1.16 | 63.41 | 103 | 1509 | 103 | 20.15 | 23.77 | 198 | 1621 | 391 | 0 | 70.7 |
| Crystal 840 | 807 | 370.4 | 99 | 9020 | 101 | 1.18 | 60.83 | 99 | 1487 | 101 | 19.68 | 24.21 | 221 | 1538 | 428 | 0 | 72.3 |
| Benchmark Mean | | 373.7 | | 8517 | | 1.23 | 61.76 | | 1407 | | 19.92 | 22.81 | 169 | 1590 | 470 | | 82.1 |
| Trial Mean | | 372.6 | | 8916 | | 1.19 | 61.46 | | 1469 | | 19.82 | 23.97 | 178 | 1615 | 427 | | 78.1 |
| Coeff. of Var. (%) | | 2.7 | | 7.1 | | 11.1 | 4.8 | | 8.2 | | 2.4 | 6.5 | 17.4 | 4.2 | 21.0 | | 9.6 |
| Mean LSD (0.05) | | 15.7 | | 1012 | | 0.21 | 4.51 | | 191 | | 0.71 | 2.51 | 47 | 106 | 140 | | 10.8 |
| Mean LSD (0.01) | | 20.9 | | 1348 | | 0.27 | 5.99 | | 254 | | 0.95 | 3.34 | 63 | 141 | 187 | | 14.3 |
| Sig Lvl | | * | | ** | | ** | * | | ** | | * | ** | ** | ** | ** | | ns |

* 2018 Data from St Thomas ND

%Mean = percentage of trial mean.

@ Some varieties not approved for sale. Refer to approval list for approval status.

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

2018 Performance of Approved RR Varieties - ACSC Official Trials Aph Specialty
2 Aph Sites

| Description @ | Code | Rec/T lbs. | Rec/T %Bnch | Rec/A lbs. | Rec/A %Bnch | Loss Mol % | Rev/T \$++ | Rev/T %Bnch | Rev/A \$++ | Rev/A %Bnch | Sugar % | Yield T/A | Na ppm | K ppm | AmN ppm | Bolter per Ac | Emerg. % |
|---|------|------------|-------------|------------|-------------|------------|------------|-------------|------------|-------------|---------|-----------|--------|-------|---------|---------------|----------|
| Commercial Trial | | | | | | | | | | | | | | | | | |
| BTS 80RR52 | 130 | 300.8 | 101 | 8663 | 99 | 1.22 | 40.90 | 103 | 1181 | 101 | 16.27 | 28.83 | 178 | 1800 | 407 | 0 | 90.9 |
| BTS 8337 | 119 | 314.0 | 106 | 8719 | 100 | 1.13 | 44.69 | 112 | 1240 | 106 | 16.83 | 27.79 | 173 | 1747 | 352 | 0 | 88.0 |
| BTS 8500 | 124 | 295.7 | 100 | 9794 | 112 | 1.19 | 39.44 | 99 | 1309 | 112 | 15.97 | 33.07 | 193 | 1740 | 389 | 0 | 94.9 |
| BTS 8524 | 127 | 283.5 | 95 | 9388 | 108 | 1.22 | 35.94 | 90 | 1185 | 102 | 15.40 | 33.19 | 205 | 1859 | 379 | 0 | 89.1 |
| BTS 8606 | 106 | 293.3 | 99 | 8942 | 103 | 1.19 | 38.76 | 97 | 1184 | 101 | 15.86 | 30.42 | 205 | 1720 | 391 | 0 | 87.4 |
| BTS 8629 | 110 | 292.7 | 99 | 9772 | 112 | 1.18 | 38.57 | 97 | 1286 | 110 | 15.82 | 33.38 | 202 | 1683 | 397 | 0 | 81.9 |
| Crystal 093RR | 126 | 300.8 | 101 | 9138 | 105 | 1.23 | 40.91 | 103 | 1244 | 107 | 16.27 | 30.25 | 174 | 1751 | 423 | 0 | 90.9 |
| Crystal 247RR | 113 | 285.4 | 96 | 8293 | 95 | 1.21 | 36.50 | 92 | 1064 | 91 | 15.48 | 28.99 | 228 | 1831 | 369 | 0 | 94.1 |
| Crystal 355RR | 109 | 300.5 | 101 | 8333 | 96 | 1.22 | 40.82 | 103 | 1131 | 97 | 16.24 | 27.86 | 183 | 1771 | 408 | 0 | 95.1 |
| Crystal 467RR | 120 | 287.2 | 97 | 9090 | 104 | 1.20 | 37.00 | 93 | 1171 | 100 | 15.56 | 31.61 | 255 | 1828 | 348 | 0 | 93.8 |
| Crystal 572RR | 112 | 307.2 | 103 | 9192 | 105 | 1.17 | 42.73 | 107 | 1279 | 110 | 16.53 | 29.84 | 161 | 1703 | 390 | 0 | 90.9 |
| Crystal 573RR | 101 | 305.0 | 103 | 9210 | 106 | 1.21 | 42.09 | 106 | 1273 | 109 | 16.46 | 30.18 | 181 | 1764 | 402 | 0 | 95.8 |
| Crystal 574RR | 114 | 291.3 | 98 | 9778 | 112 | 1.18 | 38.17 | 96 | 1282 | 110 | 15.75 | 33.57 | 203 | 1762 | 377 | 0 | 89.2 |
| Crystal 578RR | 115 | 296.1 | 100 | 8661 | 99 | 1.15 | 39.56 | 99 | 1156 | 99 | 15.96 | 29.28 | 203 | 1746 | 352 | 0 | 92.2 |
| Hilleshög HM4302RR | 107 | 298.7 | 101 | 8026 | 92 | 1.09 | 40.29 | 101 | 1087 | 93 | 16.03 | 26.81 | 212 | 1663 | 322 | 0 | 86.4 |
| Hilleshög HM4448RR | 125 | 300.1 | 101 | 9194 | 106 | 1.11 | 40.70 | 102 | 1246 | 107 | 16.11 | 30.55 | 182 | 1679 | 350 | 0 | 91.2 |
| Hilleshög HM9528RR | 117 | 293.0 | 99 | 8781 | 101 | 1.06 | 38.65 | 97 | 1157 | 99 | 15.71 | 29.97 | 200 | 1597 | 330 | 0 | 89.7 |
| Hilleshög HIL9708 | 131 | 295.5 | 100 | 8272 | 95 | 1.09 | 39.39 | 99 | 1102 | 94 | 15.86 | 27.91 | 216 | 1687 | 319 | 0 | 92.3 |
| Maribo MA109 | 128 | 305.9 | 103 | 7569 | 87 | 1.10 | 42.36 | 106 | 1048 | 90 | 16.40 | 24.76 | 211 | 1626 | 341 | 0 | 84.0 |
| Maribo MA305 | 102 | 291.0 | 98 | 8496 | 98 | 1.09 | 38.08 | 96 | 1112 | 95 | 15.64 | 29.15 | 188 | 1629 | 341 | 0 | 86.9 |
| Maribo MA502 | 116 | 297.9 | 100 | 8788 | 101 | 1.19 | 40.07 | 101 | 1186 | 102 | 16.09 | 29.40 | 219 | 1706 | 393 | 0 | 86.5 |
| Maribo MA504 | 122 | 289.6 | 98 | 8760 | 101 | 1.16 | 37.69 | 95 | 1144 | 98 | 15.63 | 30.09 | 219 | 1698 | 367 | 0 | 92.0 |
| SV RR265 | 108 | 303.0 | 102 | 9125 | 105 | 1.16 | 41.51 | 104 | 1253 | 107 | 16.31 | 30.10 | 176 | 1795 | 357 | 10 | 91.0 |
| SV RR266 | 118 | 300.1 | 101 | 8652 | 99 | 1.13 | 40.70 | 102 | 1173 | 100 | 16.15 | 28.81 | 175 | 1752 | 349 | 0 | 76.1 |
| SV RR268 | 132 | 303.1 | 102 | 9007 | 103 | 1.12 | 41.55 | 104 | 1236 | 106 | 16.28 | 29.79 | 173 | 1742 | 343 | 0 | 89.4 |
| SV RR333 | 123 | 302.6 | 102 | 8553 | 98 | 1.13 | 41.41 | 104 | 1172 | 100 | 16.25 | 28.20 | 182 | 1750 | 338 | 0 | 83.4 |
| SV RR351 | 104 | 302.1 | 102 | 8798 | 101 | 1.14 | 41.26 | 104 | 1201 | 103 | 16.25 | 29.19 | 193 | 1739 | 353 | 0 | 84.7 |
| SX Avalanche RR | 129 | 306.4 | 103 | 8324 | 96 | 1.09 | 42.51 | 107 | 1154 | 99 | 16.41 | 27.21 | 205 | 1661 | 330 | 0 | 87.5 |
| SX Bronco RR(1863) | 105 | 306.4 | 103 | 8859 | 102 | 1.04 | 42.51 | 107 | 1232 | 106 | 16.36 | 28.86 | 194 | 1584 | 319 | 0 | 88.7 |
| SX Canyon RR | 103 | 297.9 | 100 | 8884 | 102 | 1.15 | 40.07 | 101 | 1199 | 103 | 16.05 | 29.72 | 182 | 1737 | 365 | 0 | 87.9 |
| SX Cruze RR | 121 | 274.7 | 93 | 8545 | 98 | 1.26 | 33.43 | 84 | 1041 | 89 | 14.99 | 31.07 | 218 | 1770 | 424 | 0 | 73.5 |
| SX Marathon RR | 111 | 304.6 | 103 | 8898 | 102 | 1.13 | 41.97 | 106 | 1227 | 105 | 16.35 | 29.10 | 172 | 1749 | 346 | 0 | 91.3 |
| Experimental Trial (Comm status) | | | | | | | | | | | | | | | | | |
| BTS 8735 | 250 | 298.2 | 100 | 9035 | 104 | 1.13 | 40.15 | 101 | 1215 | 104 | 16.04 | 30.37 | 200 | 1531 | 402 | 0 | 92.5 |
| BTS 8749 | 243 | 296.4 | 100 | 9005 | 103 | 1.21 | 39.62 | 100 | 1201 | 103 | 16.02 | 30.53 | 209 | 1696 | 415 | 0 | 88.8 |
| BTS 8767 | 225 | 288.7 | 97 | 8730 | 100 | 1.15 | 37.52 | 94 | 1130 | 97 | 15.58 | 30.38 | 259 | 1765 | 336 | 0 | 87.4 |
| BTS 8784 | 210 | 308.4 | 104 | 9015 | 103 | 1.15 | 42.98 | 108 | 1253 | 107 | 16.57 | 29.34 | 166 | 1659 | 401 | 0 | 91.0 |
| Crystal 684RR | 227 | 287.9 | 97 | 10015 | 115 | 1.20 | 37.30 | 94 | 1295 | 111 | 15.60 | 34.88 | 211 | 1723 | 390 | 0 | 93.8 |
| Crystal 792RR | 240 | 305.5 | 103 | 9758 | 112 | 1.12 | 42.16 | 106 | 1343 | 115 | 16.39 | 31.97 | 159 | 1642 | 372 | 0 | 92.1 |
| Crystal 793RR | 238 | 305.8 | 103 | 9553 | 110 | 1.08 | 42.26 | 106 | 1317 | 113 | 16.37 | 31.34 | 185 | 1576 | 352 | 0 | 94.0 |
| Crystal 796RR | 231 | 293.5 | 99 | 9735 | 112 | 1.13 | 38.87 | 98 | 1288 | 110 | 15.82 | 33.23 | 196 | 1624 | 369 | 0 | 96.0 |
| Hilleshög HIL9920 | 223 | 310.6 | 105 | 8840 | 101 | 1.08 | 43.61 | 110 | 1242 | 106 | 16.61 | 28.41 | 192 | 1675 | 319 | 0 | 87.5 |
| Maribo MA717 | 248 | 307.1 | 103 | 8578 | 98 | 1.07 | 42.64 | 107 | 1186 | 102 | 16.43 | 28.09 | 188 | 1540 | 355 | 0 | 91.9 |
| SV RR371 | 202 | 295.5 | 100 | 8549 | 98 | 1.16 | 39.41 | 99 | 1136 | 97 | 15.95 | 29.13 | 197 | 1776 | 365 | 0 | 92.1 |
| SX RR1879 | 219 | 299.3 | 101 | 8985 | 103 | 1.07 | 40.45 | 102 | 1213 | 104 | 16.04 | 30.11 | 170 | 1576 | 351 | 0 | 88.3 |
| Comm Benchmark Mean | | 296.9 | | 8713 | | 1.22 | 39.78 | | 1167 | | 16.07 | 29.43 | 196 | 1765 | 408 | | 90.9 |
| Trial Mean | | 296.9 | | 8818 | | 1.16 | 39.77 | | 1181 | | 16.00 | 29.70 | 197 | 1729 | 367 | | 88.7 |
| Coeff. of Var. (%) | | 3.1 | | 6 | | 7.9 | 6.7 | | 8 | | 2.7 | 5.6 | 16 | 8 | 14 | | 6.3 |
| Mean LSD (0.05) | | 8.3 | | 695 | | 0.08 | 2.38 | | 104 | | 0.38 | 2.32 | 27 | 126 | 46 | | 5.7 |
| Mean LSD (0.01) | | 10.9 | | 933 | | 0.11 | 3.13 | | 140 | | 0.50 | 3.12 | 35 | 168 | 60 | | 7.6 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from 2 Aph Sites Bolters per acre are based upon 45,000 plants per acre.

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

Created 11/2/2018

Trial # = 18ACSAphSpExp

2018 Performance of Approved RR Varieties - ACSC Official Trials Aph Specialty

Georgetown MN

| Description @ | Code | Rec/T lbs. | Rec/T %Bnch | Rec/A lbs. | Rec/A %Bnch | Loss Mol % | Rev/T \$++ | Rev/T %Bnch | Rev/A \$++ | Rev/A %Bnch | Sugar % | Yield T/A | Na ppm | K ppm | AmN ppm | Bolter per Ac | Emerg. % |
|---|------|------------|-------------|------------|-------------|------------|------------|-------------|------------|-------------|---------|-----------|--------|-------|---------|---------------|----------|
| Commercial Trial | | | | | | | | | | | | | | | | | |
| BTS 80RR52 | 130 | 294.5 | 100 | 7503 | 99 | 1.43 | 39.09 | 101 | 997 | 99 | 16.17 | 25.50 | 230 | 1971 | 503 | 0 | 88.0 |
| BTS 8337 | 119 | 306.0 | 104 | 7648 | 100 | 1.26 | 42.39 | 110 | 1057 | 105 | 16.56 | 25.05 | 210 | 1819 | 416 | 0 | 88.0 |
| BTS 8500 | 124 | 288.7 | 98 | 8624 | 113 | 1.37 | 37.42 | 97 | 1124 | 112 | 15.80 | 29.79 | 247 | 1897 | 464 | 0 | 92.5 |
| BTS 8524 | 127 | 283.3 | 97 | 8518 | 112 | 1.36 | 35.87 | 93 | 1068 | 106 | 15.52 | 30.22 | 239 | 1972 | 447 | 0 | 88.3 |
| BTS 8606 | 106 | 288.2 | 98 | 7864 | 103 | 1.35 | 37.29 | 96 | 1019 | 102 | 15.77 | 27.24 | 251 | 1858 | 462 | 0 | 87.5 |
| BTS 8629 | 110 | 288.9 | 99 | 8375 | 110 | 1.30 | 37.50 | 97 | 1085 | 108 | 15.74 | 29.02 | 242 | 1788 | 443 | 0 | 82.3 |
| Crystal 093RR | 126 | 296.5 | 101 | 7618 | 100 | 1.36 | 39.66 | 103 | 1017 | 101 | 16.19 | 25.74 | 216 | 1890 | 473 | 0 | 87.5 |
| Crystal 247RR | 113 | 281.8 | 96 | 7120 | 93 | 1.37 | 35.44 | 92 | 903 | 90 | 15.45 | 25.09 | 276 | 2011 | 428 | 0 | 93.5 |
| Crystal 355RR | 109 | 295.1 | 101 | 7356 | 97 | 1.40 | 39.26 | 101 | 975 | 97 | 16.15 | 25.03 | 228 | 1912 | 493 | 0 | 95.6 |
| Crystal 467RR | 120 | 283.6 | 97 | 8162 | 107 | 1.34 | 35.98 | 93 | 1030 | 103 | 15.52 | 28.82 | 304 | 1971 | 402 | 0 | 93.2 |
| Crystal 572RR | 112 | 303.1 | 103 | 8187 | 107 | 1.35 | 41.56 | 107 | 1117 | 111 | 16.50 | 27.14 | 197 | 1910 | 465 | 0 | 88.1 |
| Crystal 573RR | 101 | 307.2 | 105 | 7922 | 104 | 1.33 | 42.73 | 110 | 1105 | 110 | 16.70 | 25.70 | 215 | 1825 | 467 | 0 | 94.8 |
| Crystal 574RR | 114 | 286.3 | 98 | 8518 | 112 | 1.38 | 36.75 | 95 | 1097 | 109 | 15.70 | 29.67 | 254 | 1920 | 465 | 0 | 87.5 |
| Crystal 578RR | 115 | 292.8 | 100 | 7882 | 103 | 1.31 | 38.61 | 100 | 1039 | 104 | 15.96 | 26.97 | 243 | 1898 | 423 | 0 | 91.4 |
| Hilleshög HM4302RR | 107 | 295.6 | 101 | 6927 | 91 | 1.24 | 39.41 | 102 | 929 | 93 | 16.03 | 23.27 | 242 | 1854 | 384 | 0 | 82.0 |
| Hilleshög HM4448RR | 125 | 293.7 | 100 | 7905 | 104 | 1.25 | 38.87 | 100 | 1044 | 104 | 15.92 | 26.89 | 222 | 1795 | 413 | 0 | 92.7 |
| Hilleshög HM9528RR | 117 | 289.3 | 99 | 7994 | 105 | 1.20 | 37.59 | 97 | 1040 | 104 | 15.66 | 27.62 | 244 | 1743 | 380 | 0 | 91.5 |
| Hilleshög HIL9708 | 131 | 295.7 | 101 | 6914 | 91 | 1.25 | 39.42 | 102 | 926 | 92 | 16.03 | 23.24 | 263 | 1818 | 387 | 0 | 91.9 |
| Maribo MA109 | 128 | 303.2 | 103 | 6806 | 89 | 1.26 | 41.57 | 107 | 935 | 93 | 16.43 | 22.47 | 236 | 1799 | 416 | 0 | 82.0 |
| Maribo MA305 | 102 | 287.3 | 98 | 7007 | 92 | 1.21 | 37.02 | 96 | 903 | 90 | 15.57 | 24.36 | 230 | 1770 | 386 | 0 | 81.5 |
| Maribo MA502 | 116 | 296.4 | 101 | 7807 | 103 | 1.35 | 39.63 | 102 | 1046 | 104 | 16.17 | 26.26 | 272 | 1862 | 454 | 0 | 83.9 |
| Maribo MA504 | 122 | 284.0 | 97 | 7239 | 95 | 1.34 | 36.07 | 93 | 926 | 92 | 15.53 | 25.30 | 283 | 1891 | 431 | 0 | 89.4 |
| SV RR265 | 108 | 302.4 | 103 | 8022 | 105 | 1.31 | 41.35 | 107 | 1100 | 110 | 16.43 | 26.49 | 206 | 1900 | 434 | 20 | 88.8 |
| SV RR266 | 118 | 299.0 | 102 | 7345 | 96 | 1.26 | 40.39 | 104 | 994 | 99 | 16.22 | 24.53 | 217 | 1856 | 402 | 0 | 76.3 |
| SV RR268 | 132 | 300.7 | 103 | 8033 | 105 | 1.25 | 40.87 | 106 | 1093 | 109 | 16.29 | 26.75 | 208 | 1866 | 393 | 0 | 91.6 |
| SV RR333 | 123 | 298.5 | 102 | 7425 | 97 | 1.31 | 40.24 | 104 | 1001 | 100 | 16.23 | 24.88 | 233 | 1880 | 427 | 0 | 83.1 |
| SV RR351 | 104 | 301.1 | 103 | 8014 | 105 | 1.26 | 40.97 | 106 | 1091 | 109 | 16.30 | 26.63 | 230 | 1847 | 402 | 0 | 82.8 |
| SX Avalanche RR | 129 | 301.9 | 103 | 7206 | 95 | 1.30 | 41.22 | 107 | 984 | 98 | 16.39 | 23.85 | 265 | 1905 | 405 | 0 | 89.6 |
| SX Bronco RR(1863) | 105 | 299.8 | 102 | 7535 | 99 | 1.19 | 40.61 | 105 | 1021 | 102 | 16.19 | 25.15 | 247 | 1754 | 369 | 0 | 90.1 |
| SX Canyon RR | 103 | 295.4 | 101 | 7754 | 102 | 1.34 | 39.36 | 102 | 1036 | 103 | 16.11 | 26.19 | 228 | 1920 | 441 | 0 | 87.2 |
| SX Cruze RR | 121 | 270.8 | 92 | 7863 | 103 | 1.39 | 32.31 | 84 | 943 | 94 | 14.93 | 28.96 | 255 | 1862 | 487 | 0 | 77.3 |
| SX Marathon RR | 111 | 300.9 | 103 | 7569 | 99 | 1.32 | 40.93 | 106 | 1031 | 103 | 16.37 | 25.06 | 209 | 1945 | 433 | 0 | 89.9 |
| Experimental Trial (Comm status) | | | | | | | | | | | | | | | | | |
| BTS 8735 | 250 | 290.4 | 99 | 7706 | 101 | 1.36 | 37.92 | 98 | 1005 | 100 | 15.89 | 26.62 | 231 | 1744 | 510 | 0 | 92.6 |
| BTS 8749 | 243 | 291.5 | 99 | 7948 | 104 | 1.35 | 38.25 | 99 | 1039 | 103 | 15.95 | 27.37 | 264 | 1826 | 471 | 0 | 89.6 |
| BTS 8767 | 225 | 281.7 | 96 | 7601 | 100 | 1.32 | 35.49 | 92 | 957 | 95 | 15.42 | 26.96 | 297 | 1854 | 431 | 0 | 85.9 |
| BTS 8784 | 210 | 303.7 | 104 | 8089 | 106 | 1.37 | 41.65 | 108 | 1107 | 110 | 16.57 | 26.75 | 216 | 1766 | 523 | 0 | 91.4 |
| Crystal 684RR | 227 | 286.6 | 98 | 8745 | 115 | 1.33 | 36.85 | 95 | 1124 | 112 | 15.66 | 30.62 | 252 | 1872 | 446 | 0 | 92.9 |
| Crystal 792RR | 240 | 299.5 | 102 | 8704 | 114 | 1.29 | 40.48 | 105 | 1180 | 118 | 16.28 | 29.07 | 201 | 1746 | 464 | 0 | 88.2 |
| Crystal 793RR | 238 | 297.6 | 102 | 8010 | 105 | 1.28 | 39.94 | 103 | 1072 | 107 | 16.18 | 27.01 | 241 | 1776 | 441 | 0 | 94.1 |
| Crystal 796RR | 231 | 290.4 | 99 | 8766 | 115 | 1.32 | 37.92 | 98 | 1142 | 114 | 15.85 | 30.28 | 246 | 1816 | 456 | 0 | 94.9 |
| Hilleshög HIL9920 | 223 | 304.4 | 104 | 7565 | 99 | 1.24 | 41.85 | 108 | 1044 | 104 | 16.47 | 24.78 | 252 | 1836 | 379 | 0 | 89.0 |
| Maribo MA717 | 248 | 303.5 | 104 | 7055 | 93 | 1.22 | 41.56 | 107 | 955 | 95 | 16.41 | 23.51 | 246 | 1711 | 406 | 0 | 92.4 |
| SV RR371 | 202 | 297.0 | 101 | 7360 | 97 | 1.32 | 39.77 | 103 | 977 | 97 | 16.18 | 24.96 | 254 | 1898 | 428 | 0 | 92.2 |
| SX RR1879 | 219 | 291.3 | 99 | 7647 | 100 | 1.26 | 38.20 | 99 | 1005 | 100 | 15.84 | 26.26 | 225 | 1735 | 434 | 0 | 87.4 |
| Comm Benchmark Mean | | 293.1 | | 7616 | | 1.42 | 38.69 | | 1004 | | 16.08 | 26.05 | 242 | 1937 | 495 | | 88.9 |
| Trial Mean | | 293.4 | | 7724 | | 1.32 | 38.78 | | 1020 | | 15.99 | 26.33 | 240 | 1874 | 435 | | 87.8 |
| Coeff. of Var. (%) | | 3.1 | | 7 | | 7.4 | 6.6 | | 9 | | 2.6 | 6.1 | 14 | 4 | 13 | | 7.4 |
| Mean LSD (0.05) | | 11.5 | | 657 | | 0.12 | 3.29 | | 113 | | 0.52 | 2.08 | 41 | 89 | 72 | | 7.4 |
| Mean LSD (0.01) | | 15.2 | | 867 | | 0.16 | 4.35 | | 149 | | 0.69 | 2.74 | 54 | 118 | 95 | | 9.8 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from Georgetown MN Bolters per acre are based upon 45,000 plants per acre.

Created 11/2/2018

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

Trial # = 188303

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.

2018 Performance of Approved RR Varieties - ACSC Official Trials Aph Specialty
Climax MN

| Description @ | Code | Rec/T lbs. | Rec/T %Bnch | Rec/A lbs. | Rec/A %Bnch | Loss Mol % | Rev/T \$ ++ | Rev/T %Bnch | Rev/A \$ ++ | Rev/A %Bnch | Sugar % | Yield T/A | Na ppm | K ppm | AmN ppm | Bolter per Ac | Emerg. % |
|---|------|---------------|----------------|---------------|----------------|---------------|----------------|----------------|----------------|----------------|------------|--------------|-----------|----------|------------|------------------|-------------|
| Commercial Trial | | | | | | | | | | | | | | | | | |
| BTS 80RR52 | 130 | 307.7 | 102 | 9820 | 100 | 1.00 | 42.87 | 105 | 1367 | 103 | 16.40 | 32.18 | 126 | 1651 | 310 | 0 | 93.9 |
| BTS 8337 | 119 | 322.1 | 107 | 9778 | 100 | 1.00 | 46.99 | 115 | 1419 | 107 | 17.11 | 30.52 | 136 | 1671 | 287 | 0 | 88.0 |
| BTS 8500 | 124 | 301.9 | 100 | 10955 | 112 | 1.03 | 41.22 | 101 | 1485 | 111 | 16.11 | 36.40 | 138 | 1593 | 314 | 0 | 96.5 |
| BTS 8524 | 127 | 284.1 | 94 | 10203 | 104 | 1.08 | 36.12 | 88 | 1292 | 97 | 15.28 | 35.98 | 172 | 1741 | 308 | 0 | 89.8 |
| BTS 8606 | 106 | 297.8 | 99 | 10007 | 102 | 1.04 | 40.03 | 98 | 1345 | 101 | 15.92 | 33.55 | 161 | 1588 | 319 | 0 | 87.4 |
| BTS 8629 | 110 | 298.0 | 99 | 11222 | 114 | 1.06 | 40.09 | 98 | 1504 | 113 | 15.97 | 37.80 | 162 | 1564 | 353 | 0 | 82.3 |
| Crystal 093RR | 126 | 304.9 | 101 | 10719 | 109 | 1.10 | 42.08 | 103 | 1481 | 111 | 16.34 | 34.94 | 131 | 1610 | 375 | 0 | 94.8 |
| Crystal 247RR | 113 | 289.2 | 96 | 9450 | 96 | 1.04 | 37.56 | 92 | 1224 | 92 | 15.50 | 32.82 | 181 | 1625 | 309 | 0 | 94.5 |
| Crystal 355RR | 109 | 306.0 | 102 | 9283 | 95 | 1.02 | 42.38 | 103 | 1284 | 96 | 16.33 | 30.64 | 137 | 1645 | 322 | 0 | 95.1 |
| Crystal 467RR | 120 | 290.7 | 97 | 9995 | 102 | 1.06 | 38.00 | 93 | 1306 | 98 | 15.60 | 34.34 | 208 | 1685 | 297 | 0 | 95.2 |
| Crystal 572RR | 112 | 310.3 | 103 | 10239 | 104 | 1.00 | 43.63 | 106 | 1447 | 109 | 16.51 | 32.58 | 126 | 1456 | 315 | 0 | 93.2 |
| Crystal 573RR | 101 | 303.4 | 101 | 10491 | 107 | 1.09 | 41.63 | 102 | 1442 | 108 | 16.26 | 34.62 | 147 | 1710 | 337 | 0 | 96.8 |
| Crystal 574RR | 114 | 295.7 | 98 | 11004 | 112 | 0.99 | 39.44 | 96 | 1458 | 109 | 15.77 | 37.44 | 151 | 1635 | 290 | 0 | 90.6 |
| Crystal 578RR | 115 | 298.9 | 99 | 9425 | 96 | 0.99 | 40.34 | 98 | 1264 | 95 | 15.93 | 31.60 | 160 | 1622 | 280 | 0 | 93.3 |
| Hilleshög HM4302RR | 107 | 302.0 | 100 | 9093 | 93 | 0.93 | 41.25 | 101 | 1241 | 93 | 16.04 | 30.25 | 182 | 1478 | 260 | 0 | 90.6 |
| Hilleshög HM4448RR | 125 | 306.4 | 102 | 10522 | 107 | 0.98 | 42.50 | 104 | 1458 | 109 | 16.28 | 34.27 | 142 | 1575 | 285 | 0 | 90.0 |
| Hilleshög HM9528RR | 117 | 297.2 | 99 | 9607 | 98 | 0.93 | 39.88 | 97 | 1287 | 97 | 15.78 | 32.32 | 155 | 1445 | 279 | 0 | 87.2 |
| Hilleshög HIL9708 | 131 | 295.4 | 98 | 9614 | 98 | 0.95 | 39.36 | 96 | 1275 | 96 | 15.71 | 32.52 | 169 | 1562 | 251 | 0 | 92.7 |
| Maribo MA109 | 128 | 308.5 | 102 | 8338 | 85 | 0.94 | 43.11 | 105 | 1162 | 87 | 16.36 | 27.06 | 185 | 1455 | 268 | 0 | 86.1 |
| Maribo MA305 | 102 | 294.6 | 98 | 10007 | 102 | 0.96 | 39.13 | 95 | 1327 | 100 | 15.69 | 33.99 | 147 | 1472 | 293 | 0 | 92.7 |
| Maribo MA502 | 116 | 299.9 | 100 | 9758 | 100 | 1.03 | 40.64 | 99 | 1326 | 100 | 16.02 | 32.48 | 165 | 1552 | 328 | 0 | 88.9 |
| Maribo MA504 | 122 | 294.6 | 98 | 10265 | 105 | 0.98 | 39.11 | 95 | 1358 | 102 | 15.70 | 34.85 | 155 | 1506 | 303 | 0 | 94.4 |
| SV RR265 | 108 | 303.6 | 101 | 10228 | 104 | 1.01 | 41.69 | 102 | 1406 | 106 | 16.20 | 33.70 | 144 | 1715 | 282 | 0 | 92.8 |
| SV RR266 | 118 | 301.1 | 100 | 9964 | 102 | 1.02 | 41.00 | 100 | 1350 | 101 | 16.08 | 33.18 | 132 | 1685 | 301 | 0 | 75.8 |
| SV RR268 | 132 | 306.1 | 102 | 9968 | 102 | 0.99 | 42.40 | 103 | 1379 | 104 | 16.30 | 32.80 | 138 | 1627 | 293 | 0 | 87.4 |
| SV RR333 | 123 | 306.4 | 102 | 9710 | 99 | 0.95 | 42.50 | 104 | 1349 | 101 | 16.26 | 31.58 | 131 | 1606 | 248 | 0 | 84.1 |
| SV RR351 | 104 | 303.2 | 101 | 9590 | 98 | 1.02 | 41.59 | 101 | 1316 | 99 | 16.19 | 31.79 | 157 | 1608 | 307 | 0 | 86.4 |
| SX Avalanche RR | 129 | 310.8 | 103 | 9412 | 96 | 0.87 | 43.75 | 107 | 1317 | 99 | 16.41 | 30.52 | 147 | 1404 | 249 | 0 | 85.7 |
| SX Bronco RR(1863) | 105 | 312.1 | 104 | 10163 | 104 | 0.89 | 44.14 | 108 | 1434 | 108 | 16.50 | 32.58 | 143 | 1436 | 273 | 0 | 87.6 |
| SX Canyon RR | 103 | 300.6 | 100 | 10027 | 102 | 0.96 | 40.83 | 100 | 1365 | 102 | 15.99 | 33.27 | 136 | 1536 | 286 | 0 | 88.5 |
| SX Cruze RR | 121 | 278.1 | 92 | 9233 | 94 | 1.13 | 34.38 | 84 | 1138 | 85 | 15.03 | 33.20 | 181 | 1658 | 362 | 0 | 69.6 |
| SX Marathon RR | 111 | 307.9 | 102 | 10223 | 104 | 0.94 | 42.94 | 105 | 1420 | 107 | 16.33 | 33.17 | 136 | 1552 | 263 | 0 | 92.8 |
| Experimental Trial (Comm status) | | | | | | | | | | | | | | | | | |
| BTS 8735 | 250 | 307.4 | 102 | 10356 | 106 | 0.89 | 42.71 | 104 | 1423 | 107 | 16.26 | 34.18 | 168 | 1313 | 288 | 0 | 92.9 |
| BTS 8749 | 243 | 301.9 | 100 | 9995 | 102 | 1.04 | 41.19 | 100 | 1359 | 102 | 16.13 | 33.46 | 157 | 1576 | 353 | 0 | 87.7 |
| BTS 8767 | 225 | 295.9 | 98 | 9864 | 101 | 0.97 | 39.55 | 96 | 1301 | 98 | 15.76 | 33.70 | 216 | 1663 | 238 | 0 | 89.7 |
| BTS 8784 | 210 | 313.4 | 104 | 9939 | 101 | 0.94 | 44.39 | 108 | 1395 | 105 | 16.61 | 31.86 | 121 | 1537 | 283 | 0 | 89.8 |
| Crystal 684RR | 227 | 290.6 | 96 | 11298 | 115 | 1.06 | 38.07 | 93 | 1462 | 110 | 15.58 | 39.14 | 165 | 1592 | 340 | 0 | 95.5 |
| Crystal 792RR | 240 | 312.9 | 104 | 10757 | 110 | 0.94 | 44.26 | 108 | 1493 | 112 | 16.57 | 34.84 | 117 | 1541 | 277 | 0 | 96.1 |
| Crystal 793RR | 238 | 315.9 | 105 | 11112 | 113 | 0.86 | 45.09 | 110 | 1566 | 118 | 16.67 | 35.93 | 123 | 1370 | 267 | 0 | 93.7 |
| Crystal 796RR | 231 | 297.6 | 99 | 10785 | 110 | 0.92 | 40.03 | 98 | 1456 | 109 | 15.82 | 36.40 | 148 | 1438 | 284 | 0 | 96.9 |
| Hilleshög HIL9920 | 223 | 317.1 | 105 | 10147 | 103 | 0.91 | 45.39 | 111 | 1447 | 109 | 16.77 | 32.16 | 131 | 1521 | 265 | 0 | 86.6 |
| Maribo MA717 | 248 | 311.9 | 104 | 10219 | 104 | 0.91 | 43.99 | 107 | 1431 | 107 | 16.52 | 32.93 | 136 | 1353 | 301 | 0 | 91.4 |
| SV RR371 | 202 | 295.9 | 98 | 9815 | 100 | 0.98 | 39.54 | 96 | 1308 | 98 | 15.79 | 33.53 | 136 | 1663 | 296 | 0 | 92.5 |
| SX RR1879 | 219 | 305.5 | 101 | 10241 | 104 | 0.88 | 42.21 | 103 | 1405 | 106 | 16.16 | 33.90 | 116 | 1413 | 273 | 0 | 89.3 |
| Comm Benchmark Mean | | 301.2 | | 9806 | | 1.02 | 41.00 | | 1332 | | 16.08 | 32.81 | 149 | 1600 | 320 | | 92.9 |
| Trial Mean | | 300.3 | | 9912 | | 1.00 | 40.76 | | 1342 | | 16.02 | 33.07 | 153 | 1583 | 299 | | 89.6 |
| Coeff. of Var. (%) | | 3.4 | | 5 | | 8.5 | 7.1 | | 7 | | 2.9 | 5.0 | 19 | 11 | 16 | | 5.0 |
| Mean LSD (0.05) | | 12.7 | | 620 | | 0.10 | 3.64 | | 120 | | 0.57 | 2.12 | 36 | 203 | 59 | | 5.4 |
| Mean LSD (0.01) | | 16.8 | | 819 | | 0.13 | 4.80 | | 158 | | 0.76 | 2.79 | 48 | 268 | 78 | | 7.2 |
| Sig Lvl | | ** | | ** | | ** | ** | | ** | | ** | ** | ** | ** | ** | | ** |

* 2018 Data from Climax MN Bolters per acre are based upon 45,000 plants per acre.

Created 11/2/2018

@ Experimental trial data adjusted to commercial status. Statistics are from commercial trial.

Trial # = 188306

++ Revenue estimates are based on a \$46.40 beet payment at 17.5% sugar & 1.5% loss to molasses and does not consider hauling costs.