|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Table 1. Effect of Planting Date on Corn Yield at Waseca in 2014 | | | | |  |  |
|  |  |  |  |  |  |  |
| Corn | Relative | Planting | Corn Yield | Harvest Moisture | Test Weight | Returns |
| Source/Brand | Maturity | Date | bu/A | % | lb/bu | $/A |
| P8581R | 85 |  |  |  |  |  |
| P8581R | 85 | 6-May | 133 | 15.4 | 57.8 | 396 |
| P8581R | 85 | 15-May | 118 | 15.7 | 58.1 | 402 |
| P8581R | 85 | 28-May | 125 | 16.9 | 57.0 | 364 |
| P8581R | 85 | 10-Jun | 122 | 21.8 | 51.8 | 340 |
|  |  |  |  |  |  |  |
| P8906R | 89 |  |  |  |  |  |
| P8906R | 89 | 6-May | 138 | 15.5 | 58.3 | 410 |
| P8906R | 89 | 15-May | 137 | 15.7 | 58.1 | 481 |
| P8906R | 89 | 28-May | 135 | 16.5 | 56.8 | 397 |
| P8906R | 89 | 10-Jun | 130 | 19.9 | 52.3 | 369 |
|  |  |  |  |  |  |  |
| P9675R | 96 |  |  |  |  |  |
| P9675R | 96 | 6-May | 175 | 16.9 | 58.3 | 512 |
| P9675R | 96 | 15-May | 137 | 15.7 | 58.1 | 481 |
| P9675R | 96 | 28-May | 148 | 18.4 | 57.1 | 427 |
| P9675R | 96 | 10-Jun | 103 | 21.9 | 51.5 | 284 |
|  |  |  |  |  |  |  |
| P9917R | 99 |  |  |  |  |  |
| P9917R | 99 | 6-May | 177 | 17.9 | 56.1 | 512 |
| P9917R | 99 | 15-May | 190 | 18.1 | 56.2 | 548 |
| P9917R | 99 | 28-May | 157 | 19.6 | 54.6 | 447 |
| P9917R | 99 | 10-Jun | 125 | 22.1 | 49.6 | 347 |
|  |  |  |  |  |  |  |
| P0448R | 104 |  |  |  |  |  |
| P0448R | 104 | 6-May | 188 | 18.1 | 58.7 | 544 |
| P0448R | 104 | 15-May | 186 | 18.4 | 58.9 | 534 |
| P0448R | 104 | 28-May | 152 | 19.6 | 56.9 | 432 |
| P0448R | 104 | 10-Jun | 119 | 23.6 | 50.5 | 324 |
|  |  |  |  |  |  |  |
| P0987R | 109 |  |  |  |  |  |
| P0987R | 109 | 6-May | 155 | 19.8 | 57.6 | 440 |
| P0987R | 109 | 15-May | 157 | 19.9 | 57.9 | 444 |
| P0987R | 109 | 28-May | 126 | 22.6 | 53.5 | 346 |
| P0987R | 109 | 10-Jun | 99 | 30.1 | 49.8 | 253 |
|  |  |  |  |  |  |  |
| Averages: |  |  |  |  |  |  |
|  |  | 6-May | 161 | 17.2 | 57.8 | 469 |
|  |  | 15-May | 161 | 17.5 | 57.9 | 488 |
|  |  | 28-May | 140 | 18.9 | 56.0 | 402 |
|  |  | 10-Jun | 116 | 23.2 | 50.9 | 320 |
|  |  |  | 12 | 0.5 | 1.0 | 16 |
|  |  |  |  |  |  |  |
|  |  | P8581R | 124 | 17.5 | 56.2 | 376 |
|  |  | P8906R | 135 | 16.9 | 56.3 | 414 |
|  |  | P9675R | 151 | 18.6 | 56.2 | 435 |
|  |  | P9917R | 162 | 19.4 | 54.1 | 463 |
|  |  | P0448R | 161 | 19.9 | 56.3 | 459 |
|  |  | P0987R | 134 | 23.1 | 54.7 | 371 |
|  |  |  | 11 | 1.5 | 0.9 | 26 |
|  |  |  |  |  |  |  |
| Hyb \* PD (p-value | |  | 0.01 | 0.70 | 0.67 | 0.01 |
| Table 2. Effect of Planting Date on Corn Yield at Waseca in 2015 | | | | |  |  |
|  |  |  |  |  |  |  |
| Corn | Relative | Planting | Corn Yield | Harvest Moisture | Test Weight | Returns |
| Source/Brand | Maturity | Date | bu/A | % | lb/bu | $/A |
| P8581R | 85 | 14-Apr | 148 | 14.4 | 57.6 | 445 |
| P8581R | 85 | 27-Apr | 162 | 14.5 | 57.9 | 486 |
| P8581R | 85 | 13-May | 152 | 14.5 | 58.4 | 456 |
| P8581R | 85 | 28-May | 144 | 14.9 | 58.1 | 431 |
| P8581R | 85 | 10-Jun | 117 | 15.3 | 56.6 | 347 |
|  |  |  |  |  |  |  |
| P8906R | 89 | 14-Apr | 182 | 14.6 | 58.3 | 544 |
| P8906R | 89 | 27-Apr | 188 | 14.5 | 58.9 | 562 |
| P8906R | 89 | 13-May | 186 | 14.7 | 58.6 | 558 |
| P8906R | 89 | 28-May | 165 | 14.9 | 58.6 | 492 |
| P8906R | 89 | 10-Jun | 156 | 15.9 | 57.2 | 461 |
|  |  |  |  |  |  |  |
| P9675R | 96 | 14-Apr | 200 | 14.6 | 59.1 | 598 |
| P9675R | 96 | 27-Apr | 202 | 14.6 | 58.2 | 606 |
| P9675R | 96 | 13-May | 186 | 14.7 | 58.6 | 558 |
| P9675R | 96 | 28-May | 200 | 15.5 | 58.2 | 594 |
| P9675R | 96 | 10-Jun | 164 | 17.6 | 56.9 | 476 |
|  |  |  |  |  |  |  |
| P9917R | 99 | 14-Apr | 220 | 14.6 | 56.0 | 658 |
| P9917R | 99 | 27-Apr | 223 | 14.6 | 56.6 | 667 |
| P9917R | 99 | 13-May | 192 | 15.1 | 56.7 | 573 |
| P9917R | 99 | 28-May | 194 | 16.2 | 56.5 | 572 |
| P9917R | 99 | 10-Jun | 166 | 17.1 | 54.2 | 485 |
|  |  |  |  |  |  |  |
| P0448R | 104 | 14-Apr | 227 | 15.3 | 60.2 | 677 |
| P0448R | 104 | 27-Apr | 221 | 15.5 | 60.6 | 655 |
| P0448R | 104 | 13-May | 210 | 16.5 | 60.3 | 617 |
| P0448R | 104 | 28-May | 204 | 17.1 | 60.0 | 596 |
| P0448R | 104 | 10-Jun | 179 | 20.2 | 57.8 | 506 |
|  |  |  |  |  |  |  |
| P0987R | 109 | 14-Apr | 222 | 16.0 | 60.3 | 655 |
| P0987R | 109 | 27-Apr | 230 | 16.9 | 60.7 | 672 |
| P0987R | 109 | 13-May | 213 | 17.7 | 60.0 | 617 |
| P0987R | 109 | 28-May | 201 | 20.2 | 59.0 | 567 |
| P0987R | 109 | 10-Jun | 169 | 26.0 | 53.6 | 447 |
|  |  |  |  |  |  |  |
| Averages: |  | 14-Apr | 200 | 14.9 | 58.6 | 596 |
|  |  | 27-Apr | 204 | 15.1 | 58.8 | 608 |
|  |  | 13-May | 192 | 15.6 | 58.7 | 570 |
|  |  | 28-May | 185 | 16.5 | 58.4 | 542 |
|  |  | 10-Jun | 158 | 18.7 | 56.0 | 454 |
|  |  |  | 7 | 0.2 | 0.5 | 22 |
|  |  |  |  |  |  |  |
|  |  | P8581R | 145 | 14.7 | 57.7 | 433 |
|  |  | P8906R | 175 | 14.9 | 58.3 | 523 |
|  |  | P9675R | 193 | 15.5 | 58.1 | 574 |
|  |  | P9917R | 199 | 15.5 | 56.0 | 591 |
|  |  | P0448R | 208 | 16.9 | 59.8 | 610 |
|  |  | P0987R | 207 | 19.4 | 58.7 | 592 |
|  |  |  | 9 | 0.3 | 0.6 | 20 |
|  |  |  |  |  |  |  |
| Hyb \* PD (p-value | |  | 0.01 | 0.01 | 0.01 | 0.04 |
| Table 3. Effect of Planting Date on Corn Yield at Waseca in 2016 | | | | |  |  |
|  |  |  |  |  |  |  |
| Corn | Relative | Planting | Corn Yield | Harvest Moisture | Test Weight | Returns |
| Source/Brand | Maturity | Date | bu/A | % | lb/bu | $/A |
| P8581R | 85 | 11-Apr | 145 | 15.3 | 57.3 | 431 |
| P8581R | 85 | 27-Apr | 147 | 15.2 | 57.2 | 438 |
| P8581R | 85 | 9-May | 144 | 15.6 | 57.3 | 426 |
| P8581R | 85 | 23-May | 150 | 15.9 | 56.7 | 445 |
| P8581R | 85 | 8-Jun | 149 | 16.7 | 56.7 | 438 |
|  |  |  |  |  |  |  |
| P8906R | 89 | 11-Apr | 164 | 15.5 | 58.1 | 488 |
| P8906R | 89 | 27-Apr | 178 | 15.4 | 58.0 | 528 |
| P8906R | 89 | 9-May | 178 | 15.5 | 57.8 | 529 |
| P8906R | 89 | 23-May | 173 | 15.7 | 57.8 | 512 |
| P8906R | 89 | 8-Jun | 172 | 17.0 | 57.0 | 504 |
|  |  |  |  |  |  |  |
| P9675R | 96 | 11-Apr | 182 | 15.5 | 58.5 | 541 |
| P9675R | 96 | 27-Apr | 179 | 16.0 | 57.6 | 530 |
| P9675R | 96 | 9-May | 178 | 15.5 | 57.8 | 529 |
| P9675R | 96 | 23-May | 179 | 16.9 | 56.6 | 525 |
| P9675R | 96 | 8-Jun | 161 | 19.7 | 56.0 | 457 |
|  |  |  |  |  |  |  |
| P9917R | 99 | 11-Apr | 196 | 16.6 | 56.8 | 575 |
| P9917R | 99 | 27-Apr | 194 | 16.9 | 56.7 | 568 |
| P9917R | 99 | 9-May | 201 | 17.0 | 56.8 | 588 |
| P9917R | 99 | 23-May | 197 | 17.8 | 55.9 | 571 |
| P9917R | 99 | 8-Jun | 182 | 21.1 | 55.3 | 510 |
|  |  |  |  |  |  |  |
| P0448R | 104 | 11-Apr | 210 | 16.9 | 59.4 | 613 |
| P0448R | 104 | 27-Apr | 205 | 16.9 | 60.1 | 599 |
| P0448R | 104 | 9-May | 211 | 17.8 | 59.6 | 612 |
| P0448R | 104 | 23-May | 210 | 18.6 | 59.0 | 604 |
| P0448R | 104 | 8-Jun | 184 | 23.2 | 55.9 | 502 |
|  |  |  |  |  |  |  |
| P0987R | 109 | 11-Apr | 210 | 18.8 | 59.3 | 603 |
| P0987R | 109 | 27-Apr | 216 | 18.6 | 59.8 | 620 |
| P0987R | 109 | 9-May | 208 | 18.6 | 59.9 | 599 |
| P0987R | 109 | 23-May | 208 | 22.1 | 58.8 | 577 |
| P0987R | 109 | 8-Jun | 169 | 27.8 | 57.0 | 438 |
|  |  |  |  |  |  |  |
| Averages: |  | 11-Apr | 185 | 16.5 | 58.2 | 542 |
|  |  | 27-Apr | 187 | 16.5 | 58.2 | 547 |
|  |  | 9-May | 187 | 16.8 | 58.2 | 546 |
|  |  | 23-May | 186 | 17.8 | 57.5 | 539 |
|  |  | 8-Jun | 169 | 20.9 | 56.3 | 475 |
|  |  |  | 7 | 0.3 | 0.3 | 19 |
|  |  |  |  |  |  |  |
|  |  | P8581R | 147 | 15.7 | 57.0 | 436 |
|  |  | P8906R | 173 | 15.8 | 57.7 | 512 |
|  |  | P9675R | 176 | 16.9 | 57.3 | 514 |
|  |  | P9917R | 194 | 17.9 | 56.3 | 563 |
|  |  | P0448R | 204 | 18.7 | 58.8 | 586 |
|  |  | P0987R | 202 | 21.2 | 59.0 | 567 |
|  |  |  | 5 | 0.2 | 0.3 | 15 |
|  |  |  |  |  |  |  |
| Hyb \* PD (p-value | |  | 0.01 | 0.01 | 0.01 | 0.01 |
| Table 4. Effect of Planting Date on Corn Yield at Lamberton in 2014 | | | | |  |  |
|  |  |  |  |  |  |  |
| Corn | Relative | Planting | Corn Yield | Harvest Moisture | Test Weight | Returns |
| Source/Brand | Maturity | Date | bu/A | % | lb/bu | $/A |
| P8581R | 85 | 11-Apr | 146 | 14.4 | 59.6 | 439 |
| P8581R | 85 | 26-Apr | 140 | 14.4 | 59.0 | 419 |
| P8581R | 85 | 16-May | 177 | 13.6 | 59.2 | 534 |
| P8581R | 85 | 27-May | 181 | 14.2 | 59.2 | 544 |
| P8581R | 85 | 11-Jun | 157 | 17.6 | 56.7 | 456 |
|  |  |  |  |  |  |  |
| P8906R | 89 | 11-Apr | 157 | 14.7 | 59.2 | 471 |
| P8906R | 89 | 26-Apr | 160 | 15.0 | 58.9 | 478 |
| P8906R | 89 | 16-May | 193 | 13.9 | 59.6 | 582 |
| P8906R | 89 | 27-May | 178 | 14.7 | 59.0 | 534 |
| P8906R | 89 | 11-Jun | 170 | 17.8 | 55.9 | 491 |
|  |  |  |  |  |  |  |
| P9675R | 96 | 11-Apr | 184 | 15.7 | 60.1 | 545 |
| P9675R | 96 | 26-Apr | 171 | 16.1 | 59.6 | 504 |
| P9675R | 96 | 16-May | 193 | 13.9 | 59.6 | 582 |
| P9675R | 96 | 27-May | 196 | 17.1 | 58.9 | 572 |
| P9675R | 96 | 11-Jun | 164 | 19.0 | 55.1 | 470 |
|  |  |  |  |  |  |  |
| P9917R | 99 | 11-Apr | 208 | 17.2 | 58.1 | 607 |
| P9917R | 99 | 26-Apr | 205 | 18.1 | 58.7 | 592 |
| P9917R | 99 | 16-May | 218 | 15.3 | 57.8 | 647 |
| P9917R | 99 | 27-May | 207 | 16.0 | 56.7 | 611 |
| P9917R | 99 | 11-Jun | 163 | 22.2 | 51.9 | 450 |
|  |  |  |  |  |  |  |
| P0448R | 104 | 11-Apr | 219 | 18.9 | 60.5 | 626 |
| P0448R | 104 | 26-Apr | 200 | 19.8 | 59.9 | 567 |
| P0448R | 104 | 16-May | 236 | 16.6 | 60.4 | 694 |
| P0448R | 104 | 27-May | 220 | 18.0 | 59.6 | 636 |
| P0448R | 104 | 11-Jun | 154 | 25.7 | 54.5 | 410 |
|  |  |  |  |  |  |  |
| P0987R | 109 | 11-Apr | 221 | 23.4 | 59.5 | 602 |
| P0987R | 109 | 26-Apr | 207 | 23.5 | 59.5 | 563 |
| P0987R | 109 | 16-May | 226 | 19.6 | 59.3 | 643 |
| P0987R | 109 | 27-May | 202 | 21.2 | 57.2 | 566 |
| P0987R | 109 | 11-Jun | 135 | 32.3 | 51.8 | 333 |
|  |  |  |  |  |  |  |
| Averages: |  | 11-Apr | 189 | 17.4 | 59.5 | 548 |
|  |  | 26-Apr | 180 | 17.8 | 59.2 | 521 |
|  |  | 16-May | 211 | 15.7 | 59.3 | 623 |
|  |  | 27-May | 197 | 16.8 | 58.4 | 577 |
|  |  | 11-Jun | 157 | 22.4 | 54.3 | 435 |
|  |  |  | 6 | 0.2 | 0.3 | 16 |
|  |  |  |  |  |  |  |
|  |  | P8581R | 160 | 14.8 | 58.7 | 479 |
|  |  | P8906R | 172 | 15.2 | 58.5 | 511 |
|  |  | P9675R | 186 | 16.6 | 58.6 | 545 |
|  |  | P9917R | 200 | 17.7 | 56.6 | 581 |
|  |  | P0448R | 206 | 19.8 | 59.0 | 587 |
|  |  | P0987R | 198 | 24.0 | 57.4 | 541 |
|  |  |  | 6 | 0.4 | 0.4 | 17 |
|  |  |  |  |  |  |  |
| Hyb \* PD (p-value | |  | 0.01 | 0.01 | 0.01 | 0.01 |
| Table 5. Effect of Planting Date on Corn Yield at Lamberton in 2015 | | | | |  |  |
|  |  |  |  |  |  |  |
| Corn | Relative | Planting | Corn Yield | Harvest Moisture | Test Weight | Returns |
| Source/Brand | Maturity | Date | bu/A | % | lb/bu | $/A |
| P8581R | 85 | 8-Apr | 169 | 15.1 | 58.8 | 501 |
| P8581R | 85 | 23-Apr | 168 | 13.9 | 59.2 | 507 |
| P8581R | 85 | 13-May | 168 | 13.8 | 59.4 | 506 |
| P8581R | 85 | 28-May | 181 | 15.1 | 60.4 | 540 |
| P8581R | 85 | 10-Jun | 174 | 17.0 | 59.4 | 508 |
|  |  |  |  |  |  |  |
| P8906R | 89 | 8-Apr | 184 | 15.7 | 59.1 | 553 |
| P8906R | 89 | 23-Apr | 189 | 14.3 | 59.4 | 574 |
| P8906R | 89 | 13-May | 192 | 14.2 | 60.0 | 578 |
| P8906R | 89 | 28-May | 192 | 15.0 | 60.4 | 572 |
| P8906R | 89 | 10-Jun | 183 | 17.1 | 59.8 | 536 |
|  |  |  |  |  |  |  |
| P9675R | 96 | 8-Apr | 234 | 16.1 | 59.2 | 691 |
| P9675R | 96 | 23-Apr | 237 | 15.0 | 59.6 | 708 |
| P9675R | 96 | 13-May | 192 | 14.2 | 60.0 | 578 |
| P9675R | 96 | 28-May | 207 | 16.5 | 60.3 | 608 |
| P9675R | 96 | 10-Jun | 190 | 19.7 | 59.2 | 539 |
|  |  |  |  |  |  |  |
| P9917R | 99 | 8-Apr | 234 | 17.3 | 57.6 | 678 |
| P9917R | 99 | 23-Apr | 221 | 16.4 | 57.8 | 650 |
| P9917R | 99 | 13-May | 218 | 15.9 | 58.4 | 643 |
| P9917R | 99 | 28-May | 206 | 18.3 | 58.7 | 593 |
| P9917R | 99 | 10-Jun | 202 | 20.8 | 57.4 | 566 |
|  |  |  |  |  |  |  |
| P0448R | 104 | 8-Apr | 240 | 18.4 | 60.0 | 692 |
| P0448R | 104 | 23-Apr | 244 | 16.7 | 60.7 | 715 |
| P0448R | 104 | 13-May | 224 | 17.6 | 61.7 | 649 |
| P0448R | 104 | 28-May | 222 | 18.5 | 61.2 | 639 |
| P0448R | 104 | 10-Jun | 204 | 24.2 | 59.6 | 551 |
|  |  |  |  |  |  |  |
| P0987R | 109 | 8-Apr | 250 | 22.2 | 59.3 | 692 |
| P0987R | 109 | 23-Apr | 239 | 19.6 | 60.6 | 680 |
| P0987R | 109 | 13-May | 235 | 18.7 | 61.9 | 675 |
| P0987R | 109 | 28-May | 235 | 22.2 | 60.3 | 650 |
| P0987R | 109 | 10-Jun | 199 | 30.3 | 57.4 | 503 |
|  |  |  |  |  |  |  |
| Averages: |  | 8-Apr | 219 | 17.4 | 59.0 | 635 |
|  |  | 23-Apr | 216 | 16.0 | 59.6 | 639 |
|  |  | 13-May | 208 | 15.9 | 60.2 | 613 |
|  |  | 28-May | 207 | 17.6 | 60.2 | 600 |
|  |  | 10-Jun | 192 | 21.5 | 58.8 | 534 |
|  |  |  | 6 | 0.2 | 0.3 | 16 |
|  |  |  |  |  |  |  |
|  |  | P8581R | 172 | 15.0 | 59.4 | 512 |
|  |  | P8906R | 188 | 15.2 | 59.7 | 563 |
|  |  | P9675R | 216 | 16.4 | 59.7 | 635 |
|  |  | P9917R | 216 | 17.7 | 58.0 | 626 |
|  |  | P0448R | 227 | 19.1 | 60.6 | 649 |
|  |  | P0987R | 232 | 22.6 | 59.9 | 640 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Hyb \* PD (p-value | |  | 0.01 | 0.01 | 0.01 | 0.01 |
| Table 6. Effect of Planting Date on Corn Yield at Lamberton in 2016 | | | | |  |  |
|  |  |  |  |  |  |  |
| Corn | Relative | Planting | Corn Yield | Harvest Moisture | Test Weight | Returns |
| Source/Brand | Maturity | Date | bu/A | % | lb/bu | $/A |
| P8581R | 85 | 14-Apr | M | 14.3 | 57.3 | M |
| P8581R | 85 | 4-May | 169 | 14.6 | 59.1 | 507 |
| P8581R | 85 | 16-May | 165 | 16.2 | 59.5 | 484 |
| P8581R | 85 | 24-May | 177 | 16.3 | 60.1 | 520 |
| P8581R | 85 | 9-Jun | 177 | 17.5 | 59.1 | 516 |
|  |  |  |  |  |  |  |
| P8906R | 89 | 14-Apr | M | 14.5 | 57.3 | M |
| P8906R | 89 | 4-May | 179 | 14.8 | 58.9 | 536 |
| P8906R | 89 | 16-May | 194 | 16.2 | 59.7 | 573 |
| P8906R | 89 | 24-May | 191 | 16.4 | 59.6 | 563 |
| P8906R | 89 | 9-Jun | 196 | 17.9 | 59.0 | 567 |
|  |  |  |  |  |  |  |
| P9675R | 96 | 14-Apr | 176 | 15.0 | 59.7 | 525 |
| P9675R | 96 | 4-May | 198 | 16.4 | 59.9 | 583 |
| P9675R | 96 | 16-May | 194 | 16.2 | 59.7 | 573 |
| P9675R | 96 | 24-May | 212 | 17.2 | 60.3 | 620 |
| P9675R | 96 | 9-Jun | 205 | 19.9 | 58.9 | 581 |
|  |  |  |  |  |  |  |
| P9917R | 99 | 14-Apr | 202 | 15.7 | 58.4 | 598 |
| P9917R | 99 | 4-May | 217 | 17.3 | 58.6 | 634 |
| P9917R | 99 | 16-May | 218 | 17.6 | 58.5 | 634 |
| P9917R | 99 | 24-May | 230 | 18.2 | 58.3 | 664 |
| P9917R | 99 | 9-Jun | 202 | 20.4 | 56.4 | 570 |
|  |  |  |  |  |  |  |
| P0448R | 104 | 14-Apr | 221 | 16.1 | 60.8 | 652 |
| P0448R | 104 | 4-May | 225 | 17.1 | 60.8 | 656 |
| P0448R | 104 | 16-May | 241 | 18.3 | 61.5 | 695 |
| P0448R | 104 | 24-May | 233 | 19.4 | 60.6 | 663 |
| P0448R | 104 | 9-Jun | 218 | 21.8 | 59.6 | 607 |
|  |  |  |  |  |  |  |
| P0987R | 109 | 14-Apr | 233 | 19.1 | 60.5 | 665 |
| P0987R | 109 | 4-May | 244 | 19.2 | 60.4 | 697 |
| P0987R | 109 | 16-May | 233 | 20.0 | 60.6 | 661 |
| P0987R | 109 | 24-May | 251 | 20.5 | 60.4 | 708 |
| P0987R | 109 | 9-Jun | 224 | 25.7 | 57.7 | 596 |
|  |  |  |  |  |  |  |
| Averages: |  | 14-Apr | 208 | 15.8 | 59.0 | 610 |
|  |  | 27-Apr | 205 | 16.6 | 59.6 | 602 |
|  |  | 13-May | 209 | 17.5 | 60.1 | 607 |
|  |  | 28-May | 216 | 18.0 | 59.9 | 623 |
|  |  | 10-Jun | 204 | 20.5 | 58.4 | 573 |
|  |  |  | 6 | 0.2 | 0.3 | 16 |
|  |  |  |  |  |  |  |
|  |  | P8581R | 172 | 15.8 | 59.0 | 507 |
|  |  | P8906R | 190 | 16.0 | 58.9 | 560 |
|  |  | P9675R | 199 | 17.1 | 59.9 | 581 |
|  |  | P9917R | 214 | 17.8 | 58.0 | 620 |
|  |  | P0448R | 228 | 18.5 | 60.6 | 654 |
|  |  | P0987R | 237 | 20.9 | 59.9 | 666 |
|  |  |  | 5 | 0.4 | 0.3 | 17 |
|  |  |  |  |  |  |  |
| Hyb \* PD (p-value | |  | 0.02 | 0.01 | 0.01 | 0.02 |
| Table 7. Effect of Planting Date on Corn Yield at Morris in 2014 | | | | |  |  |
|  |  |  |  |  |  |  |
| Corn | Relative | Planting | Corn Yield | Harvest Moisture | Test Weight | Returns |
| Source/Brand | Maturity | Date | bu/A | % | lb/bu | $/A |
| P8581R | 85 | 10-Apr | 154 | 15.0 | 54.3 | 458 |
| P8581R | 85 | 22-Apr | 171 | 14.8 | 56.3 | 511 |
| P8581R | 85 | 7-May | 185 | 14.6 | 56.8 | 553 |
| P8581R | 85 | 29-May | 180 | 17.1 | 55.0 | 527 |
| P8581R | 85 | 9-Jun | 158 | 18.9 | 52.7 | 453 |
|  |  |  |  |  |  |  |
| P8906R | 89 | 10-Apr | 144 | 15.6 | 56.8 | 428 |
| P8906R | 89 | 22-Apr | 175 | 15.4 | 56.4 | 520 |
| P8906R | 89 | 7-May | 181 | 14.9 | 56.3 | 540 |
| P8906R | 89 | 29-May | 158 | 17.4 | 55.3 | 460 |
| P8906R | 89 | 9-Jun | 173 | 19.4 | 53.0 | 494 |
|  |  |  |  |  |  |  |
| P9675R | 96 | 10-Apr | 176 | 16.8 | 55.3 | 514 |
| P9675R | 96 | 22-Apr | 170 | 16.5 | 56.5 | 500 |
| P9675R | 96 | 7-May | 181 | 14.9 | 56.3 | 540 |
| P9675R | 96 | 29-May | 162 | 19.4 | 53.9 | 462 |
| P9675R | 96 | 9-Jun | 152 | 23.4 | 50.4 | 415 |
|  |  |  |  |  |  |  |
| P9917R | 99 | 10-Apr | 187 | 16.4 | 54.9 | 549 |
| P9917R | 99 | 22-Apr | 182 | 17.1 | 54.8 | 532 |
| P9917R | 99 | 7-May | 185 | 15.2 | 54.4 | 550 |
| P9917R | 99 | 29-May | 195 | 19.6 | 51.8 | 556 |
| P9917R | 99 | 9-Jun | 162 | 28.4 | 47.0 | 418 |
|  |  |  |  |  |  |  |
| P0448R | 104 | 10-Apr | 194 | 19.3 | 56.4 | 553 |
| P0448R | 104 | 22-Apr | 182 | 19.6 | 56.2 | 517 |
| P0448R | 104 | 7-May | 186 | 19.5 | 57.4 | 531 |
| P0448R | 104 | 29-May | 166 | 23.5 | 51.8 | 452 |
| P0448R | 104 | 9-Jun | 148 | 32.4 | 46.9 | 364 |
|  |  |  |  |  |  |  |
| P0987R | 109 |  |  |  |  |  |
| P0987R | 109 |  |  |  |  |  |
| P0987R | 109 |  |  |  |  |  |
| P0987R | 109 |  |  |  |  |  |
| P0987R | 109 |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Averages: |  | 10-Apr | 166 | 16.6 | 55.8 | 501 |
|  |  | 22-Apr | 168 | 16.7 | 56.1 | 516 |
|  |  | 7-May | 177 | 16.1 | 56.3 | 537 |
|  |  | 29-May | 168 | 19.4 | 54.1 | 492 |
|  |  | 9-Jun | 157 | 24.5 | 50.5 | 429 |
|  |  |  | 8 | 0.7 | 0.5 | 29 |
|  |  |  |  |  |  |  |
|  |  | P8581R | 170 | 16.1 | 55.0 | 501 |
|  |  | P8906R | 166 | 16.5 | 55.5 | 489 |
|  |  | P9675R | 167 | 18.5 | 54.4 | 481 |
|  |  | P9917R | 182 | 19.3 | 52.6 | 521 |
|  |  | P0448R | 175 | 22.9 | 53.7 | 484 |
|  |  |  |  |  |  |  |
|  |  |  | 9 | 0.3 | 0.6 | 27 |
|  |  |  |  |  |  |  |
| Hyb \* PD (p-value | |  | 0.01 | 0.01 | 0.01 | 0.01 |
| Table 8. Effect of Planting Date on Corn Yield at Morris in 2015 | | | | |  |  |
|  |  |  |  |  |  |  |
| Corn | Relative | Planting | Corn Yield | Harvest Moisture | Test Weight | Returns |
| Source/Brand | Maturity | Date | bu/A | % | lb/bu | $/A |
| P8581R | 85 | 8-Apr | 129 | 13.9 | 58.6 | 389 |
| P8581R | 85 | 23-Apr | 134 | 14.0 | 58.3 | 404 |
| P8581R | 85 | 8-May | 130 | 13.8 | 58.3 | 394 |
| P8581R | 85 | 22-May | 152 | 15.3 | 59.0 | 452 |
| P8581R | 85 | 10-Jun | 133 | 19.3 | 57.0 | 380 |
|  |  |  |  |  |  |  |
| P8906R | 89 | 8-Apr | 137 | 14.1 | 58.2 | 412 |
| P8906R | 89 | 23-Apr | 138 | 13.8 | 57.7 | 417 |
| P8906R | 89 | 8-May | 134 | 14.1 | 58.1 | 404 |
| P8906R | 89 | 22-May | 135 | 14.0 | 57.8 | 406 |
| P8906R | 89 | 10-Jun | 143 | 23.3 | 58.3 | 390 |
|  |  |  |  |  |  |  |
| P9675R | 96 | 8-Apr | 154 | 14.9 | 58.2 | 461 |
| P9675R | 96 | 23-Apr | 162 | 15.3 | 58.6 | 483 |
| P9675R | 96 | 8-May | 134 | 14.1 | 58.1 | 404 |
| P9675R | 96 | 22-May | 147 | 16.5 | 58.6 | 433 |
| P9675R | 96 | 10-Jun | 148 | 27.3 | 55.2 | 387 |
|  |  |  |  |  |  |  |
| P9917R | 99 | 8-Apr | 130 | 13.5 | 55.1 | 393 |
| P9917R | 99 | 23-Apr | 148 | 13.6 | 54.6 | 447 |
| P9917R | 99 | 8-May | 137 | 14.5 | 55.5 | 411 |
| P9917R | 99 | 22-May | 146 | 16.2 | 56.1 | 430 |
| P9917R | 99 | 10-Jun | 149 | 24.5 | 54.2 | 399 |
|  |  |  |  |  |  |  |
| P0448R | 104 | 8-Apr | 162 | 16.8 | 59.8 | 474 |
| P0448R | 104 | 23-Apr | 156 | 16.6 | 60.0 | 458 |
| P0448R | 104 | 8-May | 142 | 20.2 | 60.3 | 400 |
| P0448R | 104 | 22-May | 185 | 20.4 | 59.9 | 521 |
| P0448R | 104 | 10-Jun | 150 | 31.9 | 55.4 | 370 |
|  |  |  |  |  |  |  |
| P0987R | 109 | 8-Apr | 193 | 22.5 | 60.2 | 534 |
| P0987R | 109 | 23-Apr | 189 | 21.6 | 60.3 | 525 |
| P0987R | 109 | 8-May | 175 | 23.8 | 50.9 | 475 |
| P0987R | 109 | 22-May | 174 | 28.0 | 58.8 | 450 |
| P0987R | 109 | 10-Jun | 138 | 45.6 | 50.4 | 282 |
|  |  |  |  |  |  |  |
| Averages: |  | 8-Apr | 151 | 16.0 | 58.4 | 444 |
|  |  | 23-Apr | 155 | 15.8 | 58.2 | 456 |
|  |  | 8-May | 142 | 16.9 | 56.9 | 415 |
|  |  | 22-May | 156 | 18.4 | 58.3 | 449 |
|  |  | 10-Jun | 144 | 28.6 | 55.1 | 368 |
|  |  |  | 11 | 0.9 | 1.4 | 34 |
|  |  |  |  |  |  |  |
|  |  | P8581R | 136 | 15.3 | 58.2 | 404 |
|  |  | P8906R | 137 | 15.8 | 58.0 | 406 |
|  |  | P9675R | 150 | 17.8 | 57.7 | 434 |
|  |  | P9917R | 142 | 16.4 | 55.1 | 416 |
|  |  | P0448R | 159 | 21.2 | 59.1 | 445 |
|  |  | P0987R | 174 | 28.3 | 56.1 | 453 |
|  |  |  | 9 | 1.5 | 1.5 | 26 |
|  |  |  |  |  |  |  |
| Hyb \* PD (p-value | |  | 0.01 | 0.01 | 0.01 | 0.01 |
| Table 9. Effect of Planting Date on Corn Yield at Morris in 2016 | | | | |  |  |
|  |  |  |  |  |  |  |
| Corn | Relative | Planting | Corn Yield | Harvest Moisture | Test Weight | Returns |
| Source/Brand | Maturity | Date | bu/A | % | lb/bu | $/A |
| P8581R | 85 | 11-Apr | 171 | 16.7 | 58.5 | 524 |
| P8581R | 85 | 22-Apr | 174 | 16.6 | 57.8 | 528 |
| P8581R | 85 | 10-May | 176 | 17.5 | 58.2 | 537 |
| P8581R | 85 | 25-May | 172 | 18.4 | 57.4 | 521 |
| P8581R | 85 | 16-Jun | 161 | 21.9 | 56.4 | 508 |
|  |  |  |  |  |  |  |
| P8906R | 89 | 11-Apr | 186 | 16.5 | 57.7 | 578 |
| P8906R | 89 | 22-Apr | 208 | 16.6 | 58.2 | 633 |
| P8906R | 89 | 10-May | 208 | 17.7 | 58.2 | 628 |
| P8906R | 89 | 25-May | 202 | 18.6 | 58.1 | 640 |
| P8906R | 89 | 16-Jun | 172 | 22.3 | 56.9 | 511 |
|  |  |  |  |  |  |  |
| P9675R | 96 | 11-Apr | 200 | 17.9 | 59.0 | 596 |
| P9675R | 96 | 22-Apr | 216 | 18.1 | 59.0 | 633 |
| P9675R | 96 | 10-May | 208 | 17.7 | 58.2 | 628 |
| P9675R | 96 | 25-May | 200 | 21.6 | 57.6 | 595 |
| P9675R | 96 | 16-Jun | 175 | 25.1 | 55.9 | 524 |
|  |  |  |  |  |  |  |
| P9917R | 99 | 11-Apr | 217 | 18.3 | 56.7 | 689 |
| P9917R | 99 | 22-Apr | 225 | 18.7 | 56.5 | 658 |
| P9917R | 99 | 10-May | 231 | 20.4 | 56.6 | 693 |
| P9917R | 99 | 25-May | 214 | 22.0 | 56.0 | 637 |
| P9917R | 99 | 16-Jun | 173 | 27.5 | 53.5 | 495 |
|  |  |  |  |  |  |  |
| P0448R | 104 | 11-Apr | 226 | 20.6 | 59.7 | 694 |
| P0448R | 104 | 22-Apr | 239 | 20.6 | 60.0 | 700 |
| P0448R | 104 | 10-May | 228 | 22.0 | 58.9 | 678 |
| P0448R | 104 | 25-May | 221 | 25.7 | 58.1 | 631 |
| P0448R | 104 | 16-Jun | 177 | 36.5 | 54.4 | 443 |
|  |  |  |  |  |  |  |
| P0987R | 109 | 11-Apr | 237 | 23.0 | 59.7 | 671 |
| P0987R | 109 | 22-Apr | 248 | 23.9 | 59.0 | 717 |
| P0987R | 109 | 10-May | 244 | 24.9 | 59.1 | 671 |
| P0987R | 109 | 25-May | 216 | 28.3 | 57.1 | 607 |
| P0987R | 109 | 16-Jun | 160 | 38.9 | 51.4 | 365 |
|  |  |  |  |  |  |  |
| Averages: |  | 11-Apr | 206 | 18.8 | 58.5 | 625 |
|  |  | 22-Apr | 218 | 19.0 | 58.4 | 645 |
|  |  | 10-May | 218 | 20.1 | 58.3 | 649 |
|  |  | 25-May | 204 | 22.4 | 57.4 | 605 |
|  |  | 16-Jun | 170 | 28.7 | 54.7 | 474 |
|  |  |  | 9 | 0.5 | 0.4 | 26 |
|  |  |  |  |  |  |  |
|  |  | P8581R | 171 | 18.2 | 57.7 | 524 |
|  |  | P8906R | 195 | 18.3 | 57.8 | 598 |
|  |  | P9675R | 202 | 20.2 | 58.0 | 606 |
|  |  | P9917R | 212 | 21.4 | 55.8 | 634 |
|  |  | P0448R | 218 | 25.1 | 58.2 | 629 |
|  |  | P0987R | 221 | 27.8 | 57.2 | 606 |
|  |  |  | 5 | 0.5 | 0.3 | 14 |
|  |  |  |  |  |  |  |
| Hyb \* PD (p-value | |  | 0.01 | 0.01 | 0.01 | 0.01 |



