

Test by: Southern MN FIRST New Richland, MN

2022 Corn Grain Top 30 Harvest Report

Minnesota Southwest [MNSW] TRUMAN, MN
Dan Helvig, Martin County, MN 56088

| | |
|-------------------------------|--|
| Early-Season Test | 97 - 102 Day CRM B2022MNSW06a |
| Top 30 of 72 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Soybeans / Authority First, Roundup, Flexstar |
| SOIL DESCRIPTION: | Canisteo- Glencoe Complex loam, mod. well drained, non- irrigated |
| SOIL CONDITION: | Conventional W/ Fall Till, very high P, low K, 7.2 pH, 3.9% OM, 23.0 CEC |
| PEST MANAGEMENT: | Surestart, Force, Impact, Atrazine |
| FERTILITY - Applied N: | 160 Fall |
| Applied N-P-K (units): | 160-200-150 |
| SEEDED - RATE - ROW: | May 16 34.8 /A 30" spacing |
| HARVESTED - STAND: | Oct 27 33.1 /A |

TEST COMMENTS:

A cold and wet April delayed planting. The field had a pounding rain prior to plot planting, but the corn looked good in early June. A dry August and Sept did not stop Dan's corn fields from producing some record yields. Frost in late Sept and early Oct may have affected some late-season hybrids, but Dan is quite pleased with the overall 2022 corn harvest.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|-----------------|--------------------|-----------|-----|--------------------------------------|--------------|-------------|----------------|----------------------|-------------|
| Dairyland | DS-3900AM ↗ | AM | 99 | 256.7 | 14.5 | 0 | 32.6 | 1733 | 1 |
| Augusta | A2150-5222-EZ ↗ | DV | 100 | 254.5 | 16.0 | 0 | 34.2 | 1708 | 3 |
| Pioneer | P0220AM GC ↗ | AM | 102 | 253.3 | 14.6 | 0 | 34.4 | 1710 | 2 |
| Augusta | A3052-5222-EZ ↗ | DV | 102 | 251.5 | 15.3 | 0 | 33.0 | 1695 | 4 |
| Prairie Hybrids | 1663 GC ↗ | CONV | 101 | 245.8 | 14.5 | 0 | 33.5 | 1659 | 5 |
| Wyffels | W1996 ↗ | VT2P | 98 | 240.9 | 13.9 | 0 | 33.1 | 1626 | 6 |
| Jacobsen | JS7107VT2PR ↗ | VT2P | 102 | 239.0 | 14.0 | 0 | 33.5 | 1613 | 7 |
| Latham | LH 5245 VT2P RIB ↗ | VT2P | 102 | 237.9 | 14.2 | 0 | 33.9 | 1606 | 8 |
| Pioneer | P0075AM GC ↗ | AM | 100 | 237.2 | 14.5 | 0 | 32.6 | 1601 | 9 |
| Dairyland | DS-4219AM ↗ | AM | 102 | 235.2 | 15.1 | 0 | 33.5 | 1587 | 10 |
| Titan Pro | 26-02 PCE ↗ | PC,E | 102 | 233.4 | 15.0 | 0 | 33.1 | 1575 | 11 |
| Gold Country | 98-15RSS ↗ | STX | 98 | 231.4 | 14.2 | 0 | 33.5 | 1562 | 12 |
| Dairyland | DS-4014Q ↗ | QR | 100 | 227.9 | 14.3 | 0 | 33.1 | 1538 | 13 |
| Renk | RK615SSTX ↗ | STX | 102 | 227.7 | 14.1 | 0 | 33.9 | 1537 | 14 |
| Latham | LH 5159 SS RIB ↗ | STX | 101 | 224.8 | 14.8 | 1 | 33.1 | 1517 | 15 |
| Anderson | 609R ↗ | RR2 | 98 | 224.1 | 14.0 | 0 | 34.4 | 1513 | 16 |
| Anderson | 507SRC ↗ | STX | 102 | 223.3 | 14.0 | 0 | 32.9 | 1507 | 17 |
| Gold Country | 101-51RSP ↗ | STXP | 101 | 223.0 | 14.7 | 0 | 33.1 | 1505 | 18 |
| DeKalb | DKC51-99RIB GC ↗ | TRE | 101 | 221.9 | 14.1 | 0 | 31.3 | 1498 | 19 |
| Dairyland | DS-3959Q ↗ | QR | 99 | 221.2 | 14.8 | 0 | 30.8 | 1493 | 20 |
| Latham | LH 5047 VT2P RIB ↗ | VT2P | 100 | 221.2 | 13.9 | 0 | 33.1 | 1493 | 21 |
| Heine | 72800 ↗ | VT2P | 102 | 219.8 | 14.4 | 0 | 32.2 | 1484 | 22 |
| Jacobsen | JS4107C ↗ | CONV | 102 | 219.2 | 14.2 | 0 | 31.3 | 1480 | 23 |
| Hefty | H5055 ↗ | TRE | 100 | 218.9 | 14.1 | 0 | 33.5 | 1478 | 24 |
| Wyffels | W1758 ↗ | STX | 97 | 218.2 | 13.7 | 0 | 33.5 | 1473 | 26 |
| Prairie Hybrids | 1320 GC ↗ | CONV | 97 | 217.4 | 13.9 | 0 | 33.5 | 1467 | 27 |
| Heine | 65550 ↗ | VT2P | 98 | 216.8 | 14.1 | 0 | 31.3 | 1463 | 28 |
| Golden Harvest | G00A97-AA ↗ | AA | 100 | 216.6 | 14.8 | 0 | 31.7 | 1462 | 29 |
| Renk | RK590VT2P ↗ | VT2P | 98 | 216.3 | 14.4 | 0 | 33.5 | 1460 | 30 |
| Augusta | A22-250 ↗ | AA | 100 | 216.0 | 14.4 | 0 | 33.5 | 1458 | 31 |
| DEKALB | DKC52-18RIB CK | STX | 102 | 218.8 | 14.5 | 0 | 34.4 | 1477 | 25 |
| | | | | Averages = | 212.5 | 14.2 | 0 | 33.1 | 1436 |
| | | | | LSD (0.10) = | 27.6 | 0.5 | ns | | |
| | | | | LSD (0.25) = | 14.5 | 0.3 | ns | | |
| | | | | C.V. = | 12.4 | | | | |
| Mark Querna | | | | Historic yield: 190.12 bu/a, 3 yr(s) | | | | | |

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$6.75

Report Date: 10/28/2022

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

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Test by: Southern MN FIRST New Richland, MN

2022 Corn Grain Top 30 Harvest Report

Minnesota Southwest [MNSW] TRUMAN, MN
Dan Helvig, Martin County, MN 56088

| | |
|-------------------------------|--|
| Full-Season Test | 103 - 107 Day CRM B2022MNSW06b |
| Top 30 of 42 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Soybeans / Authority First, Roundup, Flexstar |
| SOIL DESCRIPTION: | Canisteo- Glencoe Complex loam, mod. well drained, non- irrigated |
| SOIL CONDITION: | Conventional W/ Fall Till, very high P, low K, 7.2 pH, 3.9% OM, 23.0 CEC |
| PEST MANAGEMENT: | Surestart, Force, Impact, Atrazine |
| FERTILITY - Applied N: | 160 Fall |
| Applied N-P-K (units): | 160-200-150 |
| SEEDED - RATE - ROW: | May 16 34.8 /A 30" spacing |
| HARVESTED - STAND: | Oct 27 33.2 /A |

TEST COMMENTS:

A cold and wet April delayed planting. The field had a pounding rain prior to plot planting, but the corn looked good in early June. A dry August and Sept did not stop Dan's corn fields from producing some record yields. Frost in late Sept and early Oct may have affected some late-season hybrids, but Dan is quite pleased with the overall 2022 corn harvest.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|--------------------|-----------|-----|--------------------------------------|--------------|-------------|----------------|----------------------|-------------|
| Titan Pro | 24-04 ↗ | CONV | 104 | 274.6 | 16.7 | 0 | 33.0 | 1835 | 1 |
| Titan Pro | 24-05 PCE ↗ | PC,E | 105 | 270.2 | 16.2 | 0 | 33.5 | 1811 | 2 |
| Latham | LH 5646 PCE ↗ | PC,E | 106 | 268.2 | 16.2 | 0 | 33.0 | 1797 | 3 |
| Federal | 5610 CONV ↗ | CONV | 106 | 263.5 | 16.3 | 0 | 33.5 | 1765 | 4 |
| Viking | 72-06 ↗ | CONV | 106 | 260.3 | 16.4 | 0 | 32.6 | 1743 | 5 |
| Gold Country | 107-83R2P ↗ | VT2P | 107 | 259.2 | 16.7 | 0 | 33.1 | 1732 | 6 |
| Federal | 5610 PCE ↗ | PC,E | 106 | 255.5 | 16.5 | 0 | 33.1 | 1709 | 7 |
| Heine | 76500 ↗ | VT2P | 106 | 253.2 | 15.4 | 0 | 33.5 | 1705 | 8 |
| Heine | 75800 ↗ | TRE | 105 | 252.3 | 15.1 | 0 | 33.1 | 1702 | 9 |
| Hefty | H5666 ↗ | PC,E | 106 | 252.1 | 16.1 | 0 | 31.7 | 1691 | 11 |
| Gold Country | 106-79RSP ↗ | STXP | 106 | 251.4 | 15.5 | 0 | 33.5 | 1692 | 10 |
| Titan Pro | 26-03 5222 ↗ | DV | 103 | 249.4 | 16.7 | 0 | 33.5 | 1666 | 14 |
| Renk | RK710DGVT2P ↗ | VT2PDG | 107 | 249.1 | 15.1 | 0 | 32.9 | 1680 | 12 |
| Renk | RK720TRE ↗ | TRE | 106 | 247.8 | 14.6 | 0 | 32.9 | 1673 | 13 |
| Wyffels | W3576 ↗ | VT2P | 103 | 247.5 | 15.5 | 0 | 33.9 | 1665 | 15 |
| Dairyland | DS-4567Q ↗ | QR | 105 | 243.1 | 16.6 | 0 | 33.1 | 1626 | 16 |
| Wyffels | W5086RIB ↗ | VT2P | 107 | 240.9 | 15.4 | 3 | 33.9 | 1623 | 17 |
| Wyffels | W4246RIB ↗ | VT2P | 105 | 240.8 | 15.7 | 0 | 32.2 | 1619 | 18 |
| Latham | LH 5725 VT2P RIB ↗ | VT2P | 107 | 240.7 | 15.6 | 0 | 32.2 | 1619 | 19 |
| Hefty | H5655 ↗ | TRE | 106 | 239.9 | 15.4 | 0 | 34.4 | 1615 | 20 |
| Wyffels | W4025 ↗ | TRE | 105 | 239.0 | 15.1 | 0 | 33.9 | 1613 | 21 |
| Integra | 5533 STXRIB ↗ | STX | 105 | 237.8 | 15.7 | 0 | 32.2 | 1598 | 23 |
| Renk | RK715SSTX ↗ | STX | 105 | 237.1 | 15.0 | 0 | 32.6 | 1600 | 22 |
| Viking | 84-05 ↗ | CONV | 105 | 236.8 | 15.5 | 0 | 33.1 | 1593 | 24 |
| Golden Harvest | G07G73-D ↗ | D | 107 | 235.1 | 16.8 | 0 | 30.2 | 1570 | 28 |
| Gold Country | 106-96RSS ↗ | STX | 106 | 234.5 | 16.2 | 0 | 33.5 | 1572 | 27 |
| Latham | LH 5559 SS RIB ↗ | STX | 105 | 233.6 | 14.1 | 0 | 33.1 | 1577 | 25 |
| Hefty | H5764 ↗ | STXP | 107 | 233.0 | 14.6 | 0 | 33.5 | 1573 | 26 |
| Golden Harvest | G03B96-D ↗ | D | 103 | 232.4 | 16.4 | 0 | 33.5 | 1556 | 30 |
| Heine | 75600 ↗ | STX | 105 | 227.0 | 15.1 | 0 | 33.9 | 1531 | 31 |
| DEKALB | DKC52-18RIB CK | STX | 102 | 231.8 | 15.0 | 0 | 33.1 | 1565 | 29 |
| | | | | Averages = | 238.7 | 15.5 | 0 | 33.2 | 1605 |
| | | | | LSD (0.10) = | 21.2 | 0.6 | ns | | |
| | | | | LSD (0.25) = | 11.1 | 0.3 | ns | | |
| | | | | C.V. = | 8.4 | | | | |
| | | | | Historic yield: 190.12 bu/a, 3 yr(s) | | | | | |

Mark Querna

Mark Querna

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$6.75

Report Date: 10/28/2022

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

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2022 Corn Grain Top 30 Harvest Report

Minnesota Southwest [MNSW] TRUMAN, MN
Dan Helvig, Martin County, MN 56088

| | |
|-------------------------------|--|
| Ultra Late-Season Test | 108 - 112 Day CRM B2022MNSW061 |
| Top 30 of 30 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Soybeans / Authority First, Roundup, Flexstar |
| SOIL DESCRIPTION: | Canisteo- Glencoe Complex loam, mod. well drained, non- irrigated |
| SOIL CONDITION: | Conventional W/ Fall Till, very high P, low K, 7.2 pH, 3.9% OM, 23.0 CEC |
| PEST MANAGEMENT: | Surestart, Force, Impact, Atrazine |
| FERTILITY - Applied N: | 160 Fall |
| Applied N-P-K (units): | 160-200-150 |
| SEEDED - RATE - ROW: | May 16 34.8 /A 30" spacing |
| HARVESTED - STAND: | Oct 27 32.9 /A |

TEST COMMENTS:

A cold and wet April delayed planting. The field had a pounding rain prior to plot planting, but the corn looked good in early June. A dry August and Sept did not stop Dan's corn fields from producing some record yields. Frost in late Sept and early Oct may have affected some late-season hybrids, but Dan is quite pleased with the overall 2022 corn harvest.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|-----------------|--------------------|-----------|-----|--------------|------------|-----------|----------------|----------------------|------|
| Pioneer | P1185Q GC ↗ | QR | 111 | 252.2 | 17.2 | 0 | 33.1 | 1680 | 1 |
| Wyffels | W7510 ↗ | CONV | 112 | 248.5 | 16.6 | 0 | 34.4 | 1661 | 2 |
| Prairie Hybrids | 6878 GC ↗ | CONV | 112 | 247.4 | 17.3 | 0 | 31.7 | 1648 | 3 |
| Titan Pro | 11-11 ↗ | CONV | 111 | 243.2 | 15.5 | 0 | 33.1 | 1637 | 4 |
| Pioneer | P0924Q GC ↗ | QR | 109 | 240.8 | 16.5 | 0 | 31.3 | 1611 | 6 |
| Renk | RK830SSTX ↗ | STX | 112 | 240.4 | 15.7 | 0 | 33.9 | 1616 | 5 |
| Renk | RK821SSTX ↗ | STX | 111 | 239.3 | 15.8 | 0 | 33.1 | 1607 | 7 |
| Pioneer | P1082AM GC ↗ | AM | 110 | 238.6 | 16.7 | 0 | 33.1 | 1595 | 8 |
| Latham | LH 6227 VT2P RIB ↗ | VT2P | 112 | 237.2 | 16.6 | 0 | 33.9 | 1586 | 9 |
| Latham | LH 6155 VT2P RIB ↗ | VT2P | 111 | 233.8 | 16.1 | 0 | 31.3 | 1568 | 11 |
| Titan Pro | 92-09 ↗ | CONV | 109 | 233.2 | 15.1 | 0 | 33.9 | 1573 | 10 |
| Wyffels | W6935 ↗ | TRE | 111 | 233.2 | 16.2 | 0 | 33.1 | 1563 | 12 |
| Latham | LH 5847 VT2P RIB ↗ | VT2P | 108 | 231.2 | 16.3 | 0 | 32.2 | 1549 | 13 |
| Latham | LH 6146 TRE RIB ↗ | TRE | 111 | 230.7 | 17.4 | 0 | 31.7 | 1535 | 16 |
| Titan Pro | 70-12 ↗ | CONV | 112 | 229.8 | 16.8 | 0 | 33.1 | 1535 | 17 |
| Brevant | B09Z08AM GC ↗ | AM | 109 | 229.7 | 16.6 | 0 | 32.6 | 1536 | 15 |
| DeKalb | DKC59-82RIB GC ↗ | VT2P | 109 | 228.6 | 16.4 | 0 | 32.6 | 1530 | 18 |
| Viking | 48-08 ↗ | CONV | 108 | 228.2 | 15.1 | 0 | 32.2 | 1540 | 14 |
| Dairyland | DS-4917AM ↗ | AM | 109 | 227.5 | 16.5 | 0 | 32.6 | 1522 | 19 |
| Dairyland | DS-5095AM ↗ | AM | 110 | 226.3 | 16.1 | 0 | 32.2 | 1518 | 20 |
| Renk | RK805VT2P ↗ | VT2P | 110 | 224.8 | 15.6 | 0 | 32.6 | 1512 | 21 |
| Dairyland | DS-4878AM ↗ | AM | 108 | 221.2 | 15.7 | 0 | 32.6 | 1487 | 22 |
| Renk | RK774VT2P ↗ | VT2P | 108 | 216.6 | 15.0 | 0 | 33.5 | 1462 | 23 |
| Wyffels | W6826RIB ↗ | VT2P | 111 | 216.3 | 15.6 | 0 | 33.5 | 1455 | 24 |
| Renk | RK826VT2P ↗ | VT2P | 111 | 215.2 | 16.7 | 0 | 32.2 | 1438 | 25 |
| Latham | LH 6097 VT2P RIB ↗ | VT2P | 110 | 213.7 | 16.4 | 0 | 33.5 | 1431 | 26 |
| Wyffels | W5778RIB GC ↗ | STX | 109 | 209.8 | 15.8 | 0 | 33.5 | 1409 | 27 |
| Renk | RK801SSTX ↗ | STX | 110 | 207.8 | 16.5 | 0 | 33.5 | 1390 | 29 |
| Renk | RK700SSTX ↗ | STX | 108 | 206.5 | 14.5 | 0 | 33.9 | 1394 | 28 |
| Viking | 85-09 ↗ | CONV | 109 | 203.3 | 16.4 | 0 | 33.5 | 1361 | 30 |

Mark Querna

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Averages = **228.7** **16.2** **0** **32.9** **1532**

LSD (0.10) = 16.3 0.6 ns

LSD (0.25) = 8.5 0.3 ns

C.V. = 6.7

Historic yield: 190.12 bu/a, 3 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$6.75

Report Date: 10/28/2022

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

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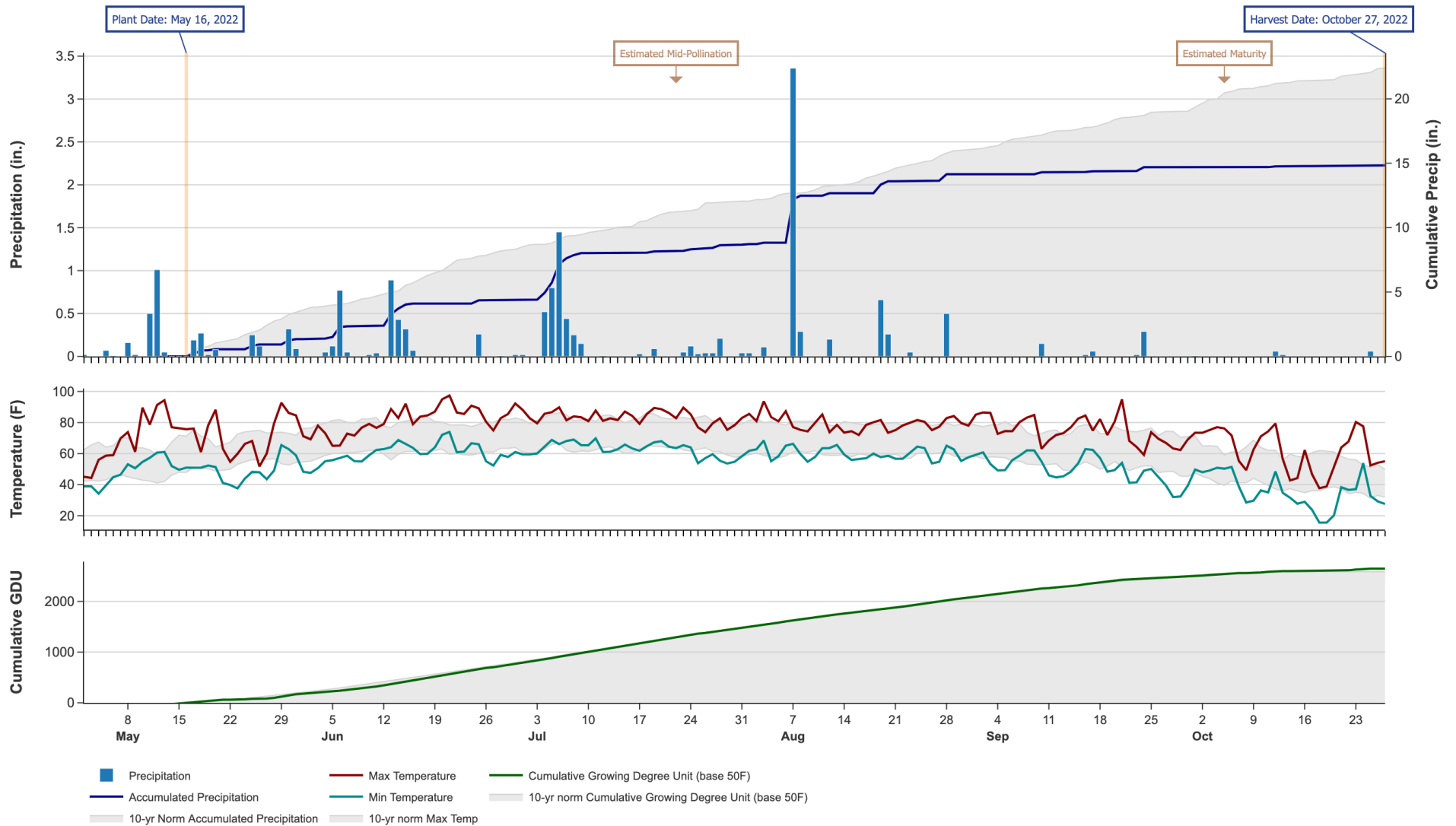
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2022 Corn - Minnesota Southwest [MNSW]

Weather Conditions Summary at TRUMAN, MN

Weather Data Retrieved: 10/28/2022

| Monthly Total | May* | Jun | Jul | Aug | Sep | Oct* | Total |
|-----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Precip (in) Normal (Diff) | 3.2 5.2 (-2.0) | 3.0 4.9 (-1.8) | 4.3 3.8 (+0.5) | 5.5 4.0 (+1.5) | 0.5 3.0 (-2.4) | 0.1 3.3 (-3.2) | 16.7 24.1 (-7.4) |
| GDU Normal (Diff) | 329 303 (+25) | 598 608 (-10) | 703 693 (+9) | 606 601 (+4) | 411 422 (-11) | 159 73 (+85) | 2806 2703 (+102) |



* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

2022 Corn - Minnesota Southwest [MNSW]

Early-Season Test Products (72 Total)

| Company/Brand | Product/Brand | Technology | RIB | RM | Seed Treat. |
|----------------|----------------|------------|-----|-----|---------------|
| Anderson | 5072 | CONV | N | 102 | Treated |
| Anderson | 507SRC | STX | N | 102 | AC,P5,B360 |
| Anderson | 609R | RR2 | N | 98 | Treated |
| Anderson | 681SRC | STX | N | 100 | AC,P5,B360 |
| Anderson | 746SRC | STX | N* | 98 | Treated |
| Augusta | A2150-5222-EZ | DV | Y | 100 | CM,C2,Vi |
| Augusta | A22-250 | AA | Y | 100 | CM,C2,Vi |
| Augusta | A3052-5222-EZ | DV | Y | 102 | CM,C2,Vi |
| Dairyland | DS-3727AM | AM | Y | 97 | Lum, L1 |
| Dairyland | DS-3900AM | AM | Y | 99 | Lum, L1 |
| Dairyland | DS-3959Q | QR | Y | 99 | Lum, L1 |
| Dairyland | DS-4014Q | QR | Y | 100 | Lum, L1 |
| Dairyland | DS-4219AM | AM | Y | 102 | Lum, L1 |
| DeKalb | DKC51-99RIB GC | TRE | Y | 101 | AC,P5 |
| DeKalb | DKC52-18RIB CK | STX | Y | 102 | AC,P5V,EDC-EL |
| Dyna-Gro | D42SS20RIB GC | STX | Y* | 102 | AC,P5V |
| Enestvedt | E539 | CONV | N | 102 | CM,C2,Vi |
| Enestvedt | E600DP RIB | VT2P | Y | 99 | AC,P2 |
| Enestvedt | E692 | TRE | Y | 98 | P5V |
| Epley | E1040 | CONV | N | 100 | Vi5 |
| Federal | 5120 SS RIB | STX | Y* | 101 | AC,P5V,MAG |
| Federal | 5120 TRE | TRE | Y | 101 | AC,P2,MAG |
| Federal | 5280 CONV | CONV | N | 102 | AC,P2,MAG |
| Gold Country | 100-19TRE | TRE | Y | 100 | AC,P5V,B360 |
| Gold Country | 101-51RSP | STXP | Y | 101 | AC,P5V,B360 |
| Gold Country | 98-15RSS | STX | Y | 98 | AC,P5V,EDC-B |
| Golden Harvest | G00A97-AA | AA | Y | 100 | AVC,C2,Vi,Va |
| Golden Harvest | G02K39-D | D | Y | 102 | AVC,C2,Vi,Va |
| Hefty | H4732 | VT2P | N | 97 | HC |
| Hefty | H4942 RIB | VT2P | Y | 99 | HC |
| Hefty | H5055 | TRE | N | 100 | HC |
| Hefty | H5062 | VT2P | N | 100 | HC |
| Hefty | H5132 | VT2P | N | 101 | HC |
| Heine | 65550 | VT2P | N | 98 | AC,P5V,EDC-EL |
| Heine | 65750 | VT2P | Y | 99 | AC,P2 |
| Heine | 70100 | VT2P | Y | 100 | AC,P2 |
| Heine | 71750 | VT2P | N | 101 | AC,P5 |
| Heine | 72800 | VT2P | N | 102 | AC,P5V,EDC-EL |
| Integra | 4702 VT2PRIB | VT2P | Y | 97 | AC,P5V,SU+Zn |
| Integra | 4993 TRERIB | TRE | N | 99 | AC,P5V |
| Integra | 5052 VT2PRIB | VT2P | Y | 100 | AC,P5V,SU+Zn |
| Jacobsen | JS4107C | CONV | N | 102 | CM,C2,Vi,Va |

| Company/Brand | Brand/Product | Technology | RIB | RM | Seed Treat. |
|-----------------|------------------|------------|-----|-----|--------------|
| Jacobsen | JS7107VT2PR | VT2P | Y | 102 | AC,P2,Va |
| Latham | LH 4937 VT2P RIB | VT2P | Y | 99 | AC,P2 |
| Latham | LH 5047 VT2P RIB | VT2P | Y | 100 | AC,P2 |
| Latham | LH 5159 SS RIB | STX | Y | 101 | AC,P5V,Va |
| Latham | LH 5209 DV | DV | Y | 102 | AVC,C2,Vi,Va |
| Latham | LH 5245 VT2P RIB | VT2P | Y | 102 | AC,P2 |
| LG Seeds | LG47C77STXRIB GC | STX | Y | 97 | AC,P5V |
| Pioneer | P0075AM GC | AM | Y | 100 | Lum |
| Pioneer | P0220AM GC | AM | Y | 102 | Lum |
| Prairie Hybrids | 1231 GC | CONV | N | 100 | MQ,In |
| Prairie Hybrids | 1320 GC | CONV | N | 97 | MQ,In |
| Prairie Hybrids | 1663 GC | CONV | N | 101 | MQ,In |
| Renk | RK579DGV2P | VT2PDG | Y | 99 | AC,P2 |
| Renk | RK590VT2P | VT2P | N | 98 | AC,P2 |
| Renk | RK597SSPRO | STXP | N | 99 | AC,P5V |
| Renk | RK600VT2P | VT2P | N | 100 | AC,P2 |
| Renk | RK615SSTX | STX | Y | 102 | AC,P5V |
| Titan Pro | 11-98 2P | VT2P | Y | 98 | AC,P2 |
| Titan Pro | 23-98 SS | STX | Y | 98 | AC,P5V |
| Titan Pro | 26-00 | CONV | N | 100 | CM,C2 |
| Titan Pro | 26-02 PCE | PC,E | N | 102 | CM,C2 |
| Titan Pro | 84-01 | CONV | N | 101 | CM,C2 |
| Viking | 44-98 | CONV | N | 98 | CM,C2,Sb |
| Viking | 46-02 | CONV | N | 102 | CM,C2,Sb |
| Viking | 52-00 | CONV | N | 100 | CM,C2,Sb |
| Wyffels | W1306 | VT2P | N | 93 | Treated |
| Wyffels | W1758 | STX | N | 97 | Treated |
| Wyffels | W1996 | VT2P | N | 98 | Treated |
| Wyffels | W2236RIB | VT2P | Y | 99 | AC,P2 |
| Wyffels | W2656 | VT2P | N | 101 | AC,P2 |

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

2022 Corn - Minnesota Southwest [MNSW]

Full-Season Test Products (42 Total)

| Company/Brand | Product/Brand | Technology | RIB | RM | Seed Treat. |
|----------------------|------------------|------------|-----|-----|---------------|
| Dairyland | DS-4567Q | QR | Y | 105 | Lum, L1 |
| DeKalb | DKC52-18RIB CK | STX | Y | 102 | AC,P5V,EDC-EL |
| Enestvedt | E598 | CONV | N | 106 | CM,C2,Vi |
| Federal | 5610 CONV | CONV | N | 106 | AC,P2,MAG |
| Federal | 5610 PCE | PC,E | N | 106 | AC,P2,MAG |
| Gold Country | 104-75RSP | STXP | Y | 104 | AC,P5,B360 |
| Gold Country | 106-79RSP | STXP | Y | 106 | AC,P5V,EDC-B |
| Gold Country | 106-96RSS | STX | Y | 106 | AC,P5V,EDC-B |
| Gold Country | 107-83R2P | VT2P | Y | 107 | AC,P5V,EDC-B |
| Golden Harvest | G03B96-D | D | Y | 103 | AVC,C2,Vi,Va |
| Golden Harvest | G07G73-D | D | Y | 107 | AVC,C2,Vi,Va |
| Hefty | H5442 | VT2P | N | 104 | HC |
| Hefty | H5655 | TRE | N | 106 | HC |
| Hefty | H5666 | PC,E | N | 106 | HC |
| Hefty | H5764 | STXP | N | 107 | HC |
| Heine | 74500 | VT2P | Y | 104 | AC,P2 |
| Heine | 75600 | STX | N | 105 | AC,P5V,EDC-EL |
| Heine | 75700 | STX | Y | 105 | P5V |
| Heine | 75800 | TRE | N | 105 | AC,P5V,EDC-EL |
| Heine | 76500 | VT2P | N | 106 | CM,C2,Vi |
| Hi Fidelity Genetics | HFG1071 | CONV | N | 105 | AM,I2 |
| Integra | 5443 DGVT2PRIB | VT2PDG | N | 104 | AC,P5V |
| Integra | 5533 STXRIB | STX | N | 105 | Treated |
| Integra | 5719 VT2PRIB | VT2P | Y | 107 | AC,P5V,SU+Zn |
| Latham | LH 5377 VT2P RIB | VT2P | Y | 103 | AC,P2 |
| Latham | LH 5487 VT2P RIB | VT2P | Y* | 104 | AC,P2 |
| Latham | LH 5559 SS RIB | STX | Y | 105 | AC,P5 |
| Latham | LH 5646 PCE | PC,E | N | 106 | AVC,C2,Vi,Va |
| Latham | LH 5725 VT2P RIB | VT2P | Y | 107 | AC,P2 |
| Renk | RK625DGVT2P | VT2PDG | N | 104 | AC,P2 |
| Renk | RK710DGVT2P | VT2PDG | Y | 107 | AC,P2 |
| Renk | RK715SSTX | STX | Y | 105 | AC,P5V |
| Renk | RK720TRE | TRE | N | 106 | AC,P5V |
| Titan Pro | 24-04 | CONV | N | 104 | CM,C2 |
| Titan Pro | 24-05 PCE | PC,E | N | 105 | CM,C2 |
| Titan Pro | 26-03 5222 | DV | Y | 103 | AC,P2 |
| Viking | 72-06 | CONV | N | 106 | CM,C2,Sb |
| Viking | 84-05 | CONV | N | 105 | CM,C2,Sb |
| Wyffels | W3576 | VT2P | N | 103 | AC,P2 |
| Wyffels | W4025 | TRE | N | 105 | AC,P2 |
| Wyffels | W4246RIB | VT2P | Y | 105 | AC,P2 |
| Wyffels | W5086RIB | VT2P | Y | 107 | AC,P2 |

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

2022 Corn - Minnesota Southwest [MNSW]

Ultra Late-Season Test Products (30 Total)

| Company/Brand | Product/Brand | Technology | RIB | RM | Seed Treat. |
|-----------------|------------------|------------|-----|-----|--------------|
| Brevant | B09Z08AM GC | AM | Y | 109 | Lum, L1 |
| Dairyland | DS-4878AM | AM | Y | 108 | Lum, L1 |
| Dairyland | DS-4917AM | AM | Y | 109 | Lum, L1 |
| Dairyland | DS-5095AM | AM | Y | 110 | Lum, L1 |
| DeKalb | DKC59-82RIB GC | VT2P | Y | 109 | AC,P5 |
| Latham | LH 5847 VT2P RIB | VT2P | Y | 108 | AC,P2 |
| Latham | LH 6097 VT2P RIB | VT2P | Y | 110 | AC,P2 |
| Latham | LH 6146 TRE RIB | TRE | Y | 111 | AC,P2,Sb |
| Latham | LH 6155 VT2P RIB | VT2P | Y | 111 | AC,P5V |
| Latham | LH 6227 VT2P RIB | VT2P | Y | 112 | AVC,C2,Vi,Va |
| Pioneer | P0924Q GC | QR | Y | 109 | Lum |
| Pioneer | P1082AM GC | AM | Y | 110 | Lum |
| Pioneer | P1185Q GC | QR | Y | 111 | Lum, L1 |
| Prairie Hybrids | 6878 GC | CONV | N | 112 | MQ,In |
| Renk | RK700SSTX | STX | N | 108 | AC,P5V |
| Renk | RK774VT2P | VT2P | N | 108 | AC,P2 |
| Renk | RK801SSTX | STX | N | 110 | AC,P5V |
| Renk | RK805VT2P | VT2P | N | 110 | AC,P2 |
| Renk | RK821SSTX | STX | N | 111 | AC,P5V |
| Renk | RK826VT2P | VT2P | N | 111 | AC,P2 |
| Renk | RK830SSTX | STX | N | 112 | AC,P5V |
| Titan Pro | 11-11 | CONV | N | 111 | CM,C2 |
| Titan Pro | 70-12 | CONV | N | 112 | CM,C2 |
| Titan Pro | 92-09 | CONV | N | 109 | AC,P2 |
| Viking | 48-08 | CONV | N | 108 | CM,C2,Sb |
| Viking | 85-09 | CONV | U | 109 | AC,P5 |
| Wyffels | W5778RIB GC | STX | Y | 109 | AC,P2 |
| Wyffels | W6826RIB | VT2P | Y | 111 | AC,P2 |
| Wyffels | W6935 | TRE | N | 111 | AC,P2 |
| Wyffels | W7510 | CONV | N | 112 | AC,P2 |

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

Footnotes and Abbreviations Descriptions

Brand Footnotes

| | |
|----|--|
| ^ | Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience. |
| CK | Identifies a check product included in early- and full-season tests. |
| GC | Grower Comparison product included by FIRST when space permits. |

Corn Technologies

| | |
|--------|---|
| AA | Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120 |
| AM | Optimum® AcreMax® |
| CONV | Conventional |
| D | Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122 |
| DV | DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222 |
| E | Enlist™ (2,4-D, glyphosate, fop herbicide tolerance) |
| PC | PowerCore™ |
| QR | Qrome™ |
| RR2 | Roundup Ready® 2 Corn |
| STX | SmartStax® |
| STXP | SmartStax® Pro |
| TRE | Trecepta® |
| VT2P | VT Double PRO® |
| VT2PDG | VT Double PRO® DroughtGard® |

NOTE: The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments*

| | |
|---------------|--|
| NA | Not Available |
| AC,P2 | Acceleron® 250 |
| AC,P2,MAG | Acceleron® 250, Federal ArmourGuard |
| AC,P2,Sb | Acceleron® 250, SabrEx Innoculant |
| AC,P2,Va | Acceleron® 250, Vayantis® |
| AC,P5 | Acceleron® 500 |
| AC,P5,B360 | Acceleron® 500 with BioRise™ B-360 ST |
| AC,P5V | Acceleron® Poncho 500/Votivo |
| AC,P5V,B360 | Acceleron® Poncho 500/Votivo with B-360 SAT |
| AC,P5V,EDC-B | Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control |
| AC,P5V,EDC-EL | Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control |
| AC,P5V,MAG | Acceleron® Poncho 500/Votivo, Federal ArmorGuard |
| AC,P5V,SU+Zn | Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn |
| AC,P5V,Va | Acceleron® Poncho 500/Votivo, Vayantis® |
| AM,I2 | AmaizeUS-F IM 250 |
| AVC,C2,Vi,Va | Avicta® Complete 250, Vibrance®, Vayantis® |
| CM,C2 | CruiserMaxx® 250 |
| CM,C2,Sb | CruiserMaxx® 250, SabrEx Innoculant |
| CM,C2,Vi | CruiserMaxx® 250 with Vibrance |
| CM,C2,Vi,Va | CruiserMaxx® 250 with Vibrance, Vayantis® |
| HC | Hefty Complete |
| Lum | LumiGEN™ (Corteva Agriscience) |
| Lum, L1 | (2022) LumiGEN, Lumisure 1250 |
| MQ,In | Maxim Quattro, Intego Vigor |
| P5V | Poncho 500/Votivo |
| Treated | Treated seed, unspecified |
| VI5 | Vibrance® Cinco |

* Seed treatments may include unspecified plant health promoting components.