

Test by: Southern MN FIRST New Richland, MN

2022 Corn Grain Top 30 Harvest Report

Minnesota Southeast [MNSE] KASSON, MN
Brian Herbst, Dodge County, MN 55944

Ultra Early-Season Test 92 - 96 Day CRM
B2022MNSE08u

Top 30 of 30 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / Liberty, Clethodim

SOIL DESCRIPTION: Readlyn Silt Loam silt loam,
mod. well drained, non-irrigated

SOIL CONDITION: Conventional W/ Fall Till, very
high P, very high K, 6.3 pH,
3.1% OM, 15.4 CEC

PEST MANAGEMENT: Tripleflex, Force, Laudis,
Atrazine, Miravis Neo @ Vt,
Terra Max

FERTILITY - Applied N: 197 Fall, Boron

Applied N-P-K (units): 197-126-258

SEEDED - RATE - ROW: May 11 34.8 /A 30" spacing

HARVESTED - STAND: Oct 26 33.0 /A

TEST COMMENTS:

A cool April delayed planting and kept soils cold early on. Brian's rainfall totals from a nearby weather station: April 4.57"; May 3"; June 3.11"; July 1st-22nd 0.8" (2.91" in late July); Aug 5"; Sept 1.01". Moisture stress in later June and during pollination was evident. Back-to-back dry summers did not deter this corn from reaching very good yields. Brian saw Tar Spot in all his corn fields this year. Anthracnose showed in some hybrids near the end of the season. Stalk and root quality were very good at harvest.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|-----------------|---------------------|-----------|----|--------------|------------|-----------|----------------|----------------------|------|
| Augusta | A1946-3120 ↗ | AA | 95 | 258.6 | 18.3 | 0 | 31.7 | 1711 | 1 |
| Augusta | A2545-5222 ↗ | DV | 95 | 250.3 | 18.6 | 0 | 33.5 | 1653 | 2 |
| Dairyland | DS-3550AM ↗ | AM | 95 | 247.7 | 18.0 | 0 | 33.5 | 1643 | 3 |
| Titan Pro | 85-96 ↗ | CONV | 96 | 242.0 | 18.0 | 0 | 33.5 | 1604 | 4 |
| Renk | RK502SSTX ↗ | STX | 95 | 241.7 | 17.9 | 0 | 31.7 | 1603 | 5 |
| Gold Country | 96-49RSS ↗ | STX | 96 | 241.3 | 18.5 | 0 | 33.5 | 1595 | 7 |
| Viking | 52-96 ↗ | CONV | 96 | 240.9 | 17.8 | 0 | 33.9 | 1599 | 6 |
| Augusta | A1943-3120 ↗ | AA | 93 | 238.7 | 18.7 | 0 | 33.5 | 1576 | 10 |
| Dairyland | DS-3601AM ↗ | AM | 96 | 238.2 | 18.3 | 0 | 33.1 | 1577 | 9 |
| Gold Country | 95-36RSS ↗ | STX | 95 | 238.0 | 17.6 | 0 | 32.6 | 1582 | 8 |
| Anderson | 7865 ↗ | CONV | 95 | 237.3 | 17.8 | 0 | 33.0 | 1575 | 11 |
| Dairyland | DS-3477AM ↗ | AM | 94 | 230.9 | 18.5 | 0 | 33.5 | 1527 | 14 |
| DeKalb | DKC45-94RIB GC ↗ | STX | 95 | 230.4 | 17.8 | 0 | 34.4 | 1530 | 13 |
| Federal | 4680 VT2PRIB ↗ | VT2P | 96 | 229.7 | 17.2 | 0 | 32.2 | 1531 | 12 |
| Viking | 42-92 ↗ | CONV | 92 | 228.8 | 17.9 | 0 | 33.1 | 1518 | 15 |
| Wyffels | W1306 ↗ | VT2P | 93 | 226.3 | 18.3 | 0 | 32.1 | 1498 | 17 |
| Dairyland | DS-3366AM ↗ | AM | 93 | 226.2 | 17.5 | 0 | 32.6 | 1504 | 16 |
| Renk | RK444VT2P ↗ | VT2P | 93 | 226.0 | 18.0 | 0 | 32.2 | 1498 | 18 |
| LG Seeds | LG46C73VT2PRIB GC ↗ | VT2P | 96 | 225.7 | 17.9 | 0 | 34.4 | 1498 | 19 |
| Renk | RK561DGVT2P ↗ | VT2PDG | 95 | 223.7 | 17.7 | 0 | 33.0 | 1486 | 20 |
| Titan Pro | 91-95 ↗ | CONV | 95 | 223.4 | 17.8 | 0 | 33.1 | 1483 | 21 |
| Federal | 4580 VT2PRIB ↗ | VT2P | 95 | 222.8 | 18.0 | 0 | 32.6 | 1477 | 23 |
| Pioneer | P9492AM GC ↗ | AM | 94 | 222.3 | 17.6 | 0 | 33.5 | 1478 | 22 |
| Prairie Hybrids | 410 GC ↗ | CONV | 91 | 218.8 | 18.2 | 0 | 33.5 | 1449 | 25 |
| Federal | 4520 VT2PDG ↗ | VT2PDG | 95 | 218.8 | 17.6 | 0 | 33.1 | 1454 | 24 |
| Anderson | 7422 ↗ | CONV | 92 | 217.0 | 18.0 | 0 | 30.8 | 1439 | 26 |
| Pioneer | P9619AM GC ↗ | AM | 96 | 216.8 | 18.3 | 0 | 34.8 | 1434 | 28 |
| Jacobsen | JS7045VT2PR ↗ | VT2P | 95 | 215.5 | 17.3 | 0 | 32.2 | 1435 | 27 |
| Dairyland | DS-3203AM ↗ | AM | 92 | 215.1 | 17.4 | 0 | 32.2 | 1431 | 29 |
| LG Seeds | LG44C27STXRIB GC ↗ | STX | 94 | 207.8 | 18.4 | 0 | 33.1 | 1375 | 30 |

Mark Querna

Mark Querna

mark.querna@firstseedtests.com, (507) 380-9920

Averages = **229.9** **17.9** **0** **33.0** **1525**

LSD (0.10) = 12.1 0.4 ns

LSD (0.25) = 6.3 0.2 ns

C.V. = 5.0

Historic yield: 219.07 bu/a, 21 yr(s)

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

Report Date: 10/26/2022

† 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 Southeast [MNSE] KASSON, MN
Brian Herbst, Dodge County, MN 55944

| | |
|-------------------------------|--|
| Early-Season Test | 97 - 102 Day CRM B2022MNSE08a |
| Top 30 of 72 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Soybeans / Liberty, Clethodim |
| SOIL DESCRIPTION: | Readlyn Silt Loam silt loam, mod. well drained, non-irrigated |
| SOIL CONDITION: | Conventional W/ Fall Till, very high P, very high K, 6.3 pH, 3.1% OM, 15.4 CEC |
| PEST MANAGEMENT: | Tripleflex, Force, Laudis, Atrazine, Miravis Neo @ Vt, Terra Max |
| FERTILITY - Applied N: | 197 Fall, Boron |
| Applied N-P-K (units): | 197-126-258 |
| SEEDED - RATE - ROW: | May 11 34.8 /A 30" spacing |
| HARVESTED - STAND: | Oct 26 32.8 /A |

TEST COMMENTS:

A cool April delayed planting and kept soils cold early on. Brian's rainfall totals from a nearby weather station: April 4.57"; May 3"; June 3.11"; July 1st-22nd 0.8" (2.91" in late July); Aug 5"; Sept 1.01". Moisture stress in later June and during pollination was evident. Back-to-back dry summers did not deter this corn from reaching very good yields. Brian saw Tar Spot in all his corn fields this year. Anthracnose showed in some hybrids near the end of the season. Stalk and root quality were very good at harvest.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|-----------------|-----------------|-----------|-----|---------------------------------------|--------------|-------------|----------------|----------------------|-------------|
| NuTech | 60A4AM ↗ | AM | 100 | 270.8 | 19.3 | 0 | 33.5 | 1781 | 1 |
| NuTech | 59A1AM ↗ | AM | 99 | 264.5 | 19.5 | 0 | 33.5 | 1738 | 2 |
| Dairyland | DS-4219AM ↗ | AM | 102 | 262.4 | 19.7 | 0 | 33.5 | 1722 | 3 |
| Renk | RK597SSPRO ↗ | STXP | 99 | 258.1 | 18.5 | 0 | 33.0 | 1706 | 4 |
| Prairie Hybrids | 1663 GC ↗ | CONV | 101 | 258.0 | 19.3 | 0 | 31.7 | 1697 | 5 |
| Latham | LH 5209 DV ↗ | DV | 102 | 257.1 | 19.2 | 0 | 32.2 | 1692 | 6 |
| Dairyland | DS-3727AM ↗ | AM | 97 | 255.5 | 18.8 | 0 | 32.6 | 1686 | 7 |
| Enestvedt | E539DP RIB ↗ | VT2P | 102 | 255.4 | 19.5 | 0 | 30.8 | 1678 | 8 |
| Mustang | 62600 ↗ | VT2P | 100 | 254.5 | 19.1 | 0 | 32.6 | 1676 | 9 |
| Anderson | 728TRE ↗ | TRE | 98 | 252.7 | 18.7 | 0 | 33.9 | 1668 | 10 |
| Titan Pro | 11-98 2P ↗ | VT2P | 98 | 252.1 | 19.0 | 0 | 31.7 | 1661 | 11 |
| Dairyland | DS-3959Q ↗ | QR | 99 | 252.1 | 19.3 | 0 | 30.8 | 1658 | 13 |
| Thunder | T6902 VT2P ↗ | VT2P | 102 | 251.2 | 18.5 | 0 | 30.8 | 1660 | 12 |
| Viking | 46-02 ↗ | CONV | 102 | 250.5 | 19.1 | 0 | 33.9 | 1649 | 14 |
| Federal | 5005 VT2P ↗ | VT2P | 100 | 250.2 | 19.1 | 0 | 33.5 | 1648 | 15 |
| Gold Country | 101-51RSP ↗ | STXP | 101 | 249.7 | 19.9 | 0 | 33.1 | 1636 | 20 |
| Federal | 5280 VT2PRIB ↗ | VT2P | 102 | 249.6 | 19.0 | 0 | 33.9 | 1645 | 16 |
| Hefty | H5254 ↗ | STX | 102 | 249.5 | 19.2 | 0 | 29.0 | 1642 | 17 |
| Hefty | H5055 ↗ | TRE | 100 | 249.1 | 19.3 | 0 | 32.2 | 1639 | 18 |
| Mustang | 52500 ↗ | VT2P | 100 | 248.1 | 19.2 | 0 | 31.7 | 1633 | 22 |
| Gold Country | 100-19TRE ↗ | TRE | 100 | 248.1 | 18.8 | 0 | 33.9 | 1637 | 19 |
| Titan Pro | 84-01 ↗ | CONV | 101 | 247.6 | 18.8 | 0 | 32.2 | 1634 | 21 |
| Thunder | T6398 TRE ↗ | TRE | 98 | 246.8 | 18.9 | 0 | 32.2 | 1628 | 23 |
| Integra | 5052 VT2PRIB ↗ | VT2P | 100 | 246.3 | 18.9 | 0 | 32.6 | 1624 | 24 |
| Augusta | A3052-5222-EZ ↗ | DV | 102 | 246.2 | 20.4 | 0 | 33.0 | 1609 | 29 |
| Integra | 5280 VT2PRIB ↗ | VT2P | 102 | 245.6 | 19.3 | 0 | 33.9 | 1615 | 26 |
| Golden Harvest | G00A97-AA ↗ | AA | 100 | 245.6 | 19.6 | 0 | 33.0 | 1613 | 28 |
| Pioneer | P0220AM GC ↗ | AM | 102 | 245.1 | 18.9 | 0 | 33.1 | 1617 | 25 |
| Hefty | H5062 ↗ | VT2P | 100 | 244.7 | 18.8 | 0 | 32.6 | 1615 | 27 |
| Mustang | 4397 ↗ | VT2P | 97 | 243.1 | 18.9 | 0 | 33.1 | 1603 | 30 |
| DEKALB | DKC52-18RIB CK | STX | 102 | 231.8 | 20.2 | 0 | 32.2 | 1517 | 59 |
| | | | | Averages = | 240.5 | 19.0 | 0 | 32.8 | 1585 |
| | | | | LSD (0.10) = | 13.2 | 0.7 | ns | | |
| | | | | LSD (0.25) = | 6.9 | 0.4 | ns | | |
| | | | | C.V. = | 5.2 | | | | |
| | | | | Historic yield: 219.07 bu/a, 21 yr(s) | | | | | |

Mark Querna

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mark.querna@firstseedtests.com, (507) 380-9920

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$6.75

Report Date: 10/26/2022

† 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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Brian Herbst, Dodge County, MN 55944

| | |
|-------------------------------|--|
| Full-Season Test | 103 - 107 Day CRM B2022MNSE08b |
| Top 30 of 42 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Soybeans / Liberty, Clethodim |
| SOIL DESCRIPTION: | Readlyn Silt Loam silt loam, mod. well drained, non-irrigated |
| SOIL CONDITION: | Conventional W/ Fall Till, very high P, very high K, 6.3 pH, 3.1% OM, 15.4 CEC |
| PEST MANAGEMENT: | Tripleflex, Force, Laudis, Atrazine, Miravis Neo @ Vt, Terra Max |
| FERTILITY - Applied N: | 197 Fall, Boron |
| Applied N-P-K (units): | 197-126-258 |
| SEEDED - RATE - ROW: | May 11 34.8 /A 30" spacing |
| HARVESTED - STAND: | Oct 26 33.2 /A |

TEST COMMENTS:

A cool April delayed planting and kept soils cold early on. Brian's rainfall totals from a nearby weather station: April 4.57"; May 3"; June 3.11"; July 1st-22nd 0.8" (2.91" in late July); Aug 5"; Sept 1.01". Moisture stress in later June and during pollination was evident. Back-to-back dry summers did not deter this corn from reaching very good yields. Brian saw Tar Spot in all his corn fields this year. Anthracnose showed in some hybrids near the end of the season. Stalk and root quality were very good at harvest.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------------|--------------------|-----------|-----|---------------------------------------|--------------|-------------|----------------|----------------------|-------------|
| Viking | 72-06 ↗ | CONV | 106 | 261.7 | 20.7 | 0 | 33.0 | 1707 | 1 |
| Latham | LH 5725 VT2P RIB ↗ | VT2P | 107 | 260.2 | 21.9 | 0 | 33.5 | 1685 | 3 |
| Mustang | 78505 ↗ | STX | 105 | 258.0 | 19.9 | 0 | 33.9 | 1691 | 2 |
| Golden Harvest | G06A27-D ↗ | D | 106 | 257.0 | 21.8 | 0 | 33.9 | 1665 | 5 |
| Hefty | H5764 ↗ | STXP | 107 | 256.6 | 21.2 | 0 | 34.4 | 1668 | 4 |
| Prairie Hybrids | 4470 GC ↗ | CONV | 106 | 254.5 | 20.9 | 0 | 33.5 | 1658 | 6 |
| Latham | LH 5646 PCE ↗ | PC,E | 106 | 253.9 | 20.9 | 0 | 32.2 | 1654 | 7 |
| Gold Country | 106-96RSS ↗ | STX | 106 | 253.4 | 21.1 | 0 | 32.2 | 1649 | 9 |
| Renk | RK720TRE ↗ | TRE | 106 | 251.8 | 19.5 | 0 | 33.5 | 1654 | 8 |
| Augusta | A1956 ↗ | PC,E | 106 | 251.8 | 21.4 | 0 | 32.2 | 1635 | 11 |
| Dairyland | DS-4510Q ↗ | QR | 105 | 249.5 | 19.9 | 0 | 34.4 | 1636 | 10 |
| Gold Country | 107-83R2P ↗ | VT2P | 107 | 248.7 | 22.4 | 0 | 33.1 | 1605 | 14 |
| NuTech | 64B5Q ↗ | QR | 104 | 248.5 | 19.8 | 0 | 33.1 | 1630 | 12 |
| Hefty | H5655 ↗ | TRE | 106 | 246.9 | 20.6 | 0 | 33.1 | 1612 | 13 |
| Pioneer | P0688AM GC ↗ | AM | 106 | 245.4 | 20.8 | 0 | 33.1 | 1600 | 15 |
| Enestvedt | E598 ↗ | CONV | 106 | 244.2 | 19.9 | 0 | 33.5 | 1600 | 16 |
| NuTech | 65B2Q ↗ | QR | 105 | 244.0 | 21.5 | 0 | 31.3 | 1584 | 21 |
| Renk | RK715SSTX ↗ | STX | 105 | 243.9 | 20.6 | 0 | 32.2 | 1591 | 19 |
| Titan Pro | 24-05 PCE ↗ | PC,E | 105 | 243.5 | 21.8 | 0 | 33.1 | 1578 | 23 |
| Gold Country | 104-75RSP ↗ | STXP | 104 | 243.2 | 20.0 | 0 | 33.9 | 1593 | 18 |
| Renk | RK625DGVT2P ↗ | VT2PDG | 104 | 242.7 | 19.8 | 0 | 32.6 | 1591 | 20 |
| Dyna-Gro | D44SS54RIB GC ↗ | STX | 104 | 241.9 | 21.0 | 0 | 33.9 | 1575 | 24 |
| Hi Fidelity Genetics | HFG1071 ↗ | CONV | 105 | 241.8 | 18.8 | 0 | 33.5 | 1595 | 17 |
| Prairie Hybrids | 3259 GC ↗ | CONV | 105 | 240.3 | 19.1 | 0 | 33.9 | 1582 | 22 |
| Latham | LH 5377 VT2P RIB ↗ | VT2P | 103 | 240.0 | 19.7 | 0 | 33.9 | 1575 | 25 |
| Viking | 84-05 ↗ | CONV | 105 | 239.7 | 19.9 | 0 | 33.9 | 1571 | 26 |
| Hefty | H5666 ↗ | PC,E | 106 | 239.6 | 21.8 | 0 | 32.6 | 1552 | 29 |
| Renk | RK710DGVT2P ↗ | VT2PDG | 107 | 239.0 | 20.7 | 0 | 33.5 | 1558 | 27 |
| Latham | LH 5559 SS RIB ↗ | STX | 105 | 239.0 | 21.0 | 0 | 32.6 | 1556 | 28 |
| Pioneer | P0507AM GC ↗ | AM | 105 | 239.0 | 21.8 | 0 | 33.9 | 1549 | 30 |
| DEKALB | DKC52-18RIB CK | STX | 102 | 230.3 | 19.8 | 0 | 33.9 | 1510 | 39 |
| | | | | Averages = | 243.1 | 20.7 | 0 | 33.2 | 1585 |
| | | | | LSD (0.10) = | 12.0 | 0.7 | ns | | |
| | | | | LSD (0.25) = | 6.3 | 0.4 | ns | | |
| | | | | C.V. = | 4.7 | | | | |
| | | | | Historic yield: 219.07 bu/a, 21 yr(s) | | | | | |

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

Report Date: 10/26/2022

† 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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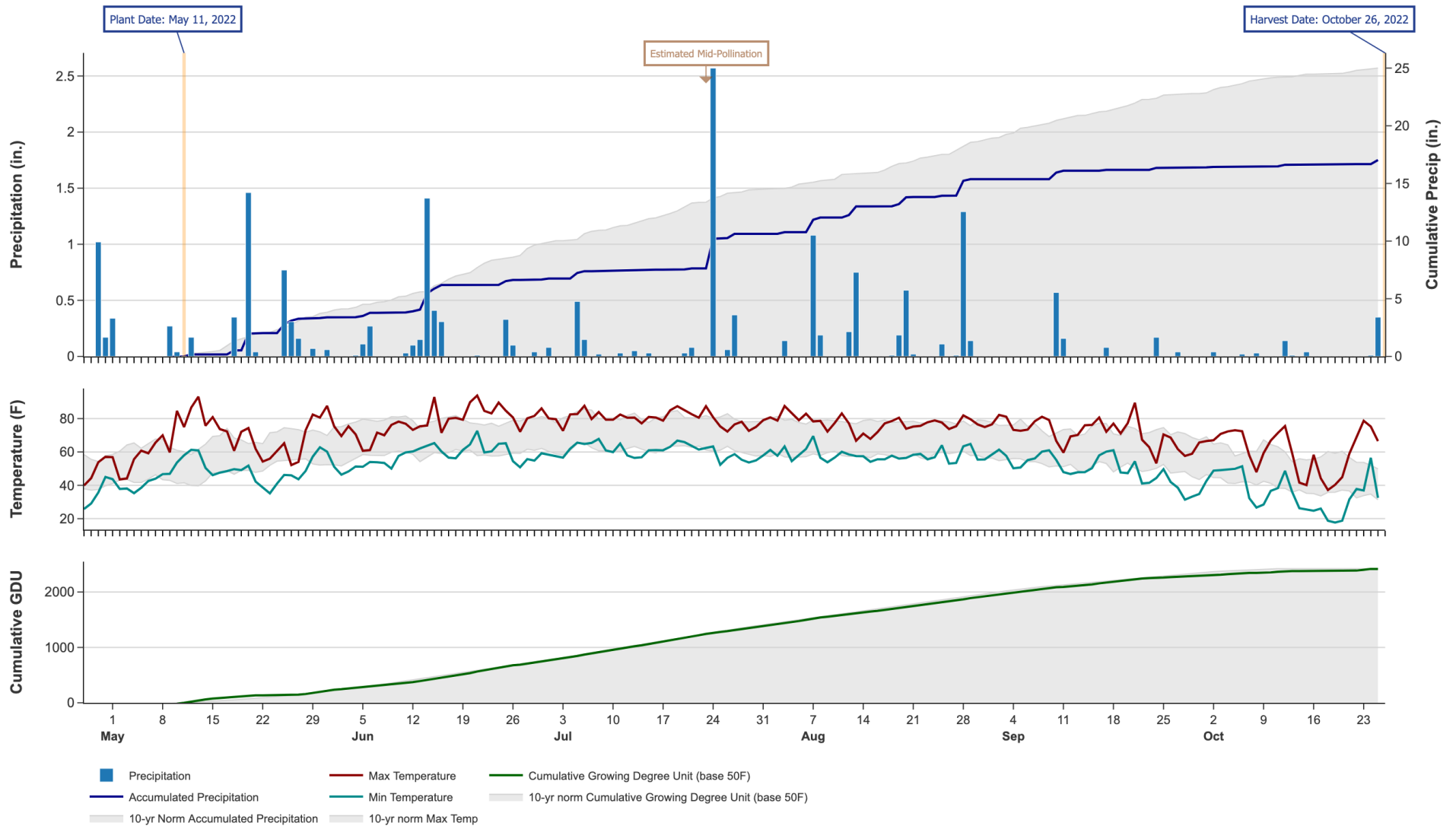
Additional reports available at www.firstseedtests.com

2022 Corn - Minnesota Southeast [MNSE]

Weather Conditions Summary at KASSON, MN

Weather Data Retrieved: 10/26/2022

| Monthly Total | Apr* | May | Jun | Jul | Aug | Sep | Oct* | Total |
|-----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Precip (in) Normal (Diff) | 1.2 0.4 (+0.8) | 4.0 5.6 (-1.6) | 3.3 5.9 (-2.7) | 4.0 4.8 (-0.8) | 4.7 4.3 (+0.5) | 1.0 4.0 (-3.0) | 0.6 2.2 (-1.6) | 18.9 27.2 (-8.3) |
| GDU Normal (Diff) | 4 0 (+4) | 289 272 (+16) | 524 551 (-27) | 627 652 (-25) | 546 562 (-16) | 363 380 (-17) | 133 69 (+63) | 2486 2488 (-2) |



* 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 Southeast [MNSE]

Ultra Early-Season Test Products (30 Total)

| Company/Brand | Product/Brand | Technology | RIB | RM | Seed Treat. |
|-----------------|-------------------|------------|-----|----|--------------|
| Anderson | 7422 | CONV | N* | 92 | Treated |
| Anderson | 7865 | CONV | N | 95 | Treated |
| Augusta | A1943-3120 | AA | N | 93 | AC,P5V |
| Augusta | A1946-3120 | AA | N | 95 | AC,P5V |
| Augusta | A2545-5222 | DV | N | 95 | CM,C2,Vi |
| Dairyland | DS-3203AM | AM | Y | 92 | Lum, L1 |
| Dairyland | DS-3366AM | AM | Y | 93 | Lum, L1 |
| Dairyland | DS-3477AM | AM | Y | 94 | Lum, L1 |
| Dairyland | DS-3550AM | AM | Y | 95 | Lum, L1 |
| Dairyland | DS-3601AM | AM | Y | 96 | Lum, L1 |
| DeKalb | DKC45-94RIB GC | STX | Y | 95 | AC,P5 |
| Federal | 4520 VT2PDG | VT2PDG | N | 95 | AC,P2,MAG |
| Federal | 4580 VT2PRIB | VT2P | Y | 95 | AC,P2,MAG |
| Federal | 4680 VT2PRIB | VT2P | Y | 96 | AC,P2,MAG |
| Gold Country | 95-36RSS | STX | Y | 95 | AC,P5V,EDC-B |
| Gold Country | 96-49RSS | STX | Y | 96 | AC,P5V,EDC-B |
| Jacobsen | JS7045VT2PR | VT2P | Y | 95 | AC,P2,Va |
| LG Seeds | LG44C27STXRIB GC | STX | Y | 94 | AC,P5V |
| LG Seeds | LG46C73VT2PRIB GC | VT2P | Y | 96 | Treated |
| Pioneer | P9492AM GC | AM | Y | 94 | Lum |
| Pioneer | P9619AM GC | AM | N | 96 | Lum, L1 |
| Prairie Hybrids | 410 GC | CONV | N | 91 | MQ,In |
| Renk | RK444VT2P | VT2P | N | 93 | AC,P5V |
| Renk | RK502SSTX | STX | N | 95 | AC,P5V |
| Renk | RK561DGVT2P | VT2PDG | N | 95 | AC,P2 |
| Titan Pro | 85-96 | CONV | N | 96 | AC,P2 |
| Titan Pro | 91-95 | CONV | N | 95 | CM,C2 |
| Viking | 42-92 | CONV | N | 92 | CM,C2,Sb |
| Viking | 52-96 | CONV | N | 96 | CM,C2,Sb |
| Wyffels | W1306 | VT2P | N | 93 | Treated |

* 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 Southeast [MNSE]

Early-Season Test Products (72 Total)

| Company/Brand | Product/Brand | Technology | RIB | RM | Seed Treat. |
|----------------|------------------|------------|-----|-----|---------------|
| Anderson | 507R | RR2 | N | 102 | Treated |
| Anderson | 528TRE | TRE | N | 102 | Treated |
| Anderson | 6909 | CONV | N | 98 | Treated |
| Anderson | 726VT2P | VT2P | N | 98 | AC,P2 |
| Anderson | 728TRE | TRE | N | 98 | Treated |
| Augusta | A2148-3220-EZ | V | Y | 98 | CM,C2 |
| 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 | E539DP RIB | VT2P | Y | 102 | AC,P2 |
| Epley | E1040 | CONV | N | 100 | Vi5 |
| Federal | 4830 TRE | TRE | Y | 98 | AC,P5V,MAG |
| Federal | 5005 VT2P | VT2P | Y | 100 | AC,P2,MAG |
| Federal | 5120 TRE | TRE | Y | 101 | AC,P2,MAG |
| Federal | 5280 VT2PRIB | VT2P | Y | 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 |
| Gold Country | 99-01R2P | VT2P | N | 99 | AC,P5V,B300 |
| Golden Harvest | G00A97-AA | AA | Y | 100 | AVC,C2,Vi,Va |
| Golden Harvest | G97A36-V | V | Y | 97 | 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 | H5254 | STX | N | 102 | HC |
| Integra | 4993 TRERIB | TRE | N | 99 | AC,P5V |
| Integra | 5052 VT2PRIB | VT2P | Y | 100 | AC,P5V,SU+Zn |
| Integra | 5280 VT2PRIB | VT2P | Y | 102 | AC,P5V,SU+Zn |
| 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 |

| Company/Brand | Brand/Product | Technology | RIB | RM | Seed Treat. |
|-----------------|---------------|------------|-----|-----|--------------|
| Mustang | 4397 | VT2P | Y | 97 | CM,C2,St,SU |
| Mustang | 52500 | VT2P | N | 100 | Treated |
| Mustang | 5800 | STX | Y | 100 | CM,C2 |
| Mustang | 62600 | VT2P | N | 100 | Treated |
| NuTech | 57A4Q | QR | Y | 97 | Lum, L1 |
| NuTech | 59A1AM | AM | Y | 99 | Lum, L1 |
| NuTech | 60A2Q | QR | Y | 100 | Lum, L1 |
| NuTech | 60A4AM | AM | Y | 100 | Lum, L1 |
| 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 |
| Thunder | T6298 VT2P | VT2P | Y | 98 | AC,P2 |
| Thunder | T6300 VT2P | VT2P | Y | 100 | AC,P5V,EDC-B |
| Thunder | T6398 TRE | TRE | Y | 98 | AC,P2 |
| Thunder | T6902 VT2P | VT2P | Y | 102 | CM,C2,Vi |
| Thunder | T6999 VT2P | VT2P | Y | 99 | AC,P2 |
| Titan Pro | 11-98 2P | VT2P | Y | 98 | AC,P2 |
| Titan Pro | 23-98 SS | STX | Y | 98 | AC,P5V |
| 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 | 99-00 | CONV | N | 100 | CM,C2,Sb |

* 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.

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Full-Season Test Products (42 Total)

| Company/Brand | Product/Brand | Technology | RIB | RM | Seed Treat. |
|----------------------|------------------|------------|-----|-----|---------------|
| Anderson | 472SRC | STX | N | 106 | AC,P5,B360 |
| Augusta | A1956 | PC,E | N | 106 | AC,P5V |
| Dairyland | DS-4510Q | QR | Y | 105 | Lum, L1 |
| Dairyland | DS-4567Q | QR | Y | 105 | Lum, L1 |
| DeKalb | DKC52-18RIB CK | STX | Y | 102 | AC,P5V,EDC-EL |
| DeKalb | DKC54-38RIB GC | STX | Y | 104 | AC,P5 |
| DeKalb | DKC56-65RIB GC | STX | Y | 106 | AC,P5 |
| Dyna-Gro | D44SS54RIB GC | STX | N* | 104 | AC,P5V |
| Enestvedt | E598 | CONV | N | 106 | CM,C2,Vi |
| Gold Country | 104-75RSP | STXP | Y | 104 | AC,P5,B360 |
| Gold Country | 106-96RSS | STX | Y | 106 | AC,P5V,EDC-B |
| Gold Country | 107-83R2P | VT2P | Y | 107 | AC,P5V,EDC-B |
| Golden Harvest | G06A27-D | D | Y | 106 | AVC,C2,Vi,Va |
| Golden Harvest | G07G73-AA | AA | 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 |
| Hi Fidelity Genetics | HFG1071 | CONV | N | 105 | AM,I2 |
| 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 |
| Mustang | 78505 | STX | N | 105 | AC,P5V |
| Mustang | 78706 | STX | N | 106 | AC,P5 |
| NuTech | 64B5Q | QR | Y | 104 | Lum, L1 |
| NuTech | 64D1AM | AM,AQ | Y | 104 | Lum, L1 |
| NuTech | 65B2Q | QR | Y | 105 | Lum, L1 |
| NuTech | 66C2Q | QR | Y | 106 | Lum, L1 |
| Pioneer | P0507AM GC | AM | Y | 105 | Lum |
| Pioneer | P0688AM GC | AM | Y | 106 | Lum |
| Prairie Hybrids | 3259 GC | CONV | N | 105 | MQ,In |
| Prairie Hybrids | 4470 GC | CONV | N | 106 | MQ,In |
| Renk | RK625DGV2P | VT2PDG | N | 104 | AC,P2 |
| Renk | RK710DGV2P | VT2PDG | Y | 107 | AC,P2 |
| Renk | RK715SSTX | STX | Y | 105 | AC,P5V |
| Renk | RK720TRE | TRE | N | 106 | AC,P5V |
| 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 |

* 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® |
| AQ | Optimum® AQUAmax® |
| 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® |
| V | Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220 |
| 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 | Acceleron® unspecified |
| AC,P2 | Acceleron® 250 |
| AC,P2,MAG | Acceleron® 250, Federal ArmourGuard |
| 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,B300 | Acceleron® Poncho 500/Votivo with B-300 SAT |
| 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,St,SU | CruiserMaxx® 250, Stamina, StepUp |
| CM,C2,Vi | CruiserMaxx® 250 with Vibrance |
| HC | Hefty Complete |
| Lum | LumiGEN™ (Corteva Agriscience) |
| Lum, L1 | (2022) LumiGEN, Lumisure 1250 |
| MQ,In | Maxim Quattro, Intego Vigor |
| Treated | Treated seed, unspecified |
| VI5 | Vibrance® Cinco |

* Seed treatments may include unspecified plant health promoting components.