

Test by: F.I.R.S.T. MSR, Inc. Columbia, MO

2021 Corn Grain Top 30 Harvest Report

Missouri North [MONO] CAIRO, MO

Dale & Kyle Samp, Randolph County, MO

Early-Season Test 107 - 112 Day CRM
B2021MONO03a

Top 30 of 48 For Gross Income
(Sorted by Yield)
Average of (4) Replications

PREV. CROP/HERB: Soybean / Prefix, Roundup
Powermax

SOIL DESCRIPTION: Mexico silt loam, mod. poorly
drained, non-irrigated

SOIL CONDITION: Minimum W/O Fall Till, high P,
high K, 5.7 pH, 2.5% OM, 12.8
CEC

PEST MANAGEMENT: Distinct, Bicep li Magnum,
Mustang Max, Callisto, Atrazine,
Roundup Powermax, Force
6.5g

FERTILITY - Applied N: 80 Spring, 100 Sidedress, Zinc
and Sulfur

Applied N-P-K (units): 180-70-90

SEEDED - RATE - ROW: Jun 4 30.4 /A 30" spacing

HARVESTED - STAND: Oct 9 30.0 /A

TEST COMMENTS:

This trial was planted on May 6 for the first time. Cool wet weather followed and the seed rotted. Many replant acres from May planted crops were reported and observed in both north-central and central-northeast Missouri this year. The surrounding field and the trial were replanted in early June. During a site visit in July, the crop was struggling to thrive in what mother nature was tossing out. Above-average June rainfall may have hindered root development. Above-average temperatures during pollination occurred, and hail in August. Results show performance in these tough conditions.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|---|----------------------------|-----------|------------|-------------------|--------------|--------------------------------------|----------------|----------------------|------------|
| Burrus | POWER PLUS 5L44AM ↗ | AM | 110 | 162.2 | 19.7 | 2 | 30.0 | 785 | 1 |
| FS InVision | FS 6107T RIB ↗ | TRE | 111 | 161.2 | 18.8 | 1 | 29.5 | 785 | 2 |
| Wyffels | W7416 ↗ | VT2P | 112 | 159.0 | 22.6 | 1 | 30.8 | 753 | 7 |
| Lewis | 09DD740 ↗ | VT2PDG | 109 | 157.9 | 19.0 | 1 | 30.0 | 767 | 3 |
| Midland Genetics | 582TRE RIB ↗ | TRE | 111 | 157.0 | 19.7 | 1 | 30.8 | 759 | 5 |
| Integra | 5719 VT2PRIB ↗ | VT2P | 107 | 156.4 | 17.9 | 3 | 30.0 | 766 | 4 |
| Golden Harvest | G11V76-5122 EZR ↗ | 5122 | 111 | 156.1 | 19.5 | 1 | 30.3 | 756 | 6 |
| Lewis | 12DT302 ↗ | TRE | 112 | 155.7 | 21.3 | 1 | 29.8 | 744 | 10 |
| Taylor | EXP C-112-22 VT2P ↗ | VT2P | 112 | 155.2 | 24.2 | 1 | 29.8 | 726 | 12 |
| Taylor | 8013 VT2PDGRIB ↗ | VT2PDG | 112 | 154.9 | 19.3 | 1 | 29.8 | 751 | 8 |
| NuTech | 70A8AM ↗ | AM | 110 | 154.7 | 20.3 | 1 | 29.8 | 745 | 9 |
| Burrus | POWER PLUS 4C14AM ↗ | AM | 108 | 154.5 | 21.4 | 1 | 30.8 | 738 | 11 |
| Taylor | EXP C-111-22 VT2P ↗ | VT2P | 111 | 153.8 | 24.1 | 1 | 30.0 | 720 | 13 |
| Green Valley | GV8102VT2PRIB ↗ | VT2P | 111 | 150.0 | 22.1 | 1 | 29.5 | 713 | 15 |
| Renk | RK882TRE ↗ | TRE | 111 | 149.9 | 22.5 | 3 | 29.3 | 710 | 18 |
| Renk | RK826VT2P ↗ | VT2P | 111 | 148.0 | 20.4 | 1 | 29.8 | 712 | 16 |
| NuTech | 72D4AM ↗ | AM | 112 | 147.9 | 22.0 | 1 | 30.5 | 703 | 20 |
| FS InVision | FS 6194V RIB ↗ | VT2P | 111 | 147.7 | 20.1 | 2 | 30.3 | 712 | 17 |
| Taylor | 6011 VT2P ↗ | VT2P | 111 | 147.1 | 21.5 | 1 | 30.3 | 702 | 21 |
| Integra | 6061 TRERIB ↗ | TRE | 110 | 145.7 | 22.4 | 1 | 29.5 | 691 | 23 |
| Wyffels | W7536DG ↗ | VT2PDG | 112 | 145.6 | 22.5 | 1 | 30.0 | 690 | 24 |
| Lewis | 08DP739 ↗ | VT2P | 108 | 144.5 | 16.7 | 1 | 30.0 | 714 | 14 |
| Golden Harvest | G08R52-3220 EZR ↗ | 3220 | 108 | 143.0 | 18.6 | 1 | 30.0 | 697 | 22 |
| NuTech | 70F2Q ↗ | QR | 110 | 142.9 | 22.8 | 1 | 30.0 | 676 | 26 |
| NK Brand | NK1188-3120 EZR ↗ | 3120 | 111 | 142.7 | 22.5 | 1 | 30.0 | 676 | 27 |
| NuTech | 68B3AML ↗ | AML | 108 | 141.0 | 20.4 | 1 | 29.8 | 678 | 25 |
| NuTech | 68A7AM ↗ | AM | 108 | 140.6 | 21.2 | 1 | 30.3 | 672 | 28 |
| Integra | 5802 VT2PRIB ↗ | VT2P | 108 | 134.0 | 19.0 | 3 | 30.5 | 651 | 29 |
| Renk | RK821SSTX ↗ | STX | 111 | 133.8 | 21.9 | 2 | 29.8 | 637 | 30 |
| NuTech | 72B7Q ↗ | QR | 112 | 133.0 | 21.0 | 1 | 30.0 | 637 | 31 |
| DeKalb | DKC62-89RIB CK | TRE | 112 | 151.4 | 24.7 | 1 | 29.5 | 706 | 19 |
| | | | | Averages = | 135.5 | 21.5 | 5 | 30.0 | 649 |
| | | | | LSD (0.10) = | 17.2 | 2.0 | 9 | | |
| | | | | LSD (0.25) = | 9.0 | 1.1 | 5 | | |
| William Schelp | | | | C.V. = | 13.9 | Historic yield: 202.09 bu/a, 2 yr(s) | | | |
| william.schelp@firstseedtests.com, (573) 819-7968 | | | | | | | | | |

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$5.00; non-GMO = \$5.00

Report Date: 10/14/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

©2021, All rights reserved by Elite Field Genetics, LLC

Additional reports available at www.firstseedtests.com

Test by: F.I.R.S.T. MSR, Inc. Columbia, MO

2021 Corn Grain Top 30 Harvest Report

Missouri North [MONO] CAIRO, MO

Dale & Kyle Samp, Randolph County, MO

Full-Season Test 113 - 116 Day CRM
B2021MONO03b

Top 30 of 48 For Gross Income
(Sorted by Yield)
Average of (4) Replications

PREV. CROP/HERB: Soybean / Prefix, Roundup
Powermax

SOIL DESCRIPTION: Mexico silt loam, mod. poorly
drained, non-irrigated

SOIL CONDITION: Minimum W/O Fall Till, high P,
high K, 5.7 pH, 2.5% OM, 12.8
CEC

PEST MANAGEMENT: Distinct, Bicep li Magnum,
Mustang Max, Callisto, Atrazine,
Roundup Powermax, Force
6.5g

FERTILITY - Applied N: 80 Spring, 100 Sidedress, Zinc
and Sulfur

Applied N-P-K (units): 180-70-90

SEEDED - RATE - ROW: Jun 4 30.4 /A 30" spacing

HARVESTED - STAND: Oct 9 29.9 /A

TEST COMMENTS:

This trial was planted on May 6 for the first time. Cool wet weather followed and the seed rotted. Many replant acres from May planted crops were reported and observed in both north-central and central-northeast Missouri this year. The surrounding field and the trial were replanted in early June. During a site visit in July, the crop was struggling to thrive in what mother nature was tossing out. Above-average June rainfall may have hindered root development. Above-average temperatures during pollination occurred, and hail in August. Results show performance in these tough conditions.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank | |
|------------------|----------------------------|-----------|------------|--------------------------------------|--------------|-------------|----------------|----------------------|------------|--|
| NK Brand | NK1661-3120A EZR ↗ | 3120A | 116 | 156.0 | 23.4 | 1 | 29.8 | 734 | 2 | |
| Integra | 6342 TRERIB ↗ | TRE | 113 | 151.5 | 23.0 | 1 | 29.5 | 715 | 4 | |
| AgriGold | A645-16VT2RIB GC ↗ | VT2P | 115 | 150.8 | 15.6 | 1 | 29.0 | 751 | 1 | |
| FS InVision | FS 6406X RIB ↗ | STX | 114 | 149.9 | 24.1 | 1 | 29.5 | 702 | 6 | |
| Lewis | 13DT272 ↗ | TRE | 113 | 148.9 | 23.6 | 1 | 30.7 | 700 | 7 | |
| Green Valley | GV8392VT2PRIB ↗ | VT2P | 113 | 148.5 | 19.7 | 2 | 30.0 | 717 | 3 | |
| Wyffels | W7956RIB ↗ | VT2P | 114 | 148.4 | 22.0 | 1 | 30.0 | 706 | 5 | |
| NK Brand | NK1523-3220 EZR ↗ | 3220 | 115 | 147.7 | 22.7 | 1 | 30.3 | 699 | 8 | |
| Midland Genetics | 662TRE RIB ↗ | TRE | 113 | 147.6 | 23.7 | 2 | 30.0 | 693 | 9 | |
| FS InVision | FS 6606T RIB ↗ | TRE | 116 | 147.2 | 24.7 | 1 | 30.3 | 686 | 11 | |
| Golden Harvest | G15J91-3220 EZR ↗ | 3220 | 115 | 145.1 | 21.7 | 1 | 29.5 | 691 | 10 | |
| Burrus | POWER PLUS 6J92AM ↗ | AM | 113 | 144.2 | 22.9 | 1 | 29.3 | 681 | 13 | |
| NuTech | 74B6AM ↗ | AM | 114 | 143.7 | 21.8 | 1 | 30.0 | 684 | 12 | |
| Midland Genetics | 660PR DG RIB ↗ | VT2PDG | 113 | 143.6 | 23.8 | 1 | 29.8 | 674 | 14 | |
| Renk | RK907SSTX ↗ | STX | 115 | 142.7 | 24.3 | 1 | 30.0 | 667 | 15 | |
| Dyna-Gro | D54VC34 ↗ | VT2P | 114 | 141.6 | 24.3 | 1 | 29.8 | 662 | 16 | |
| Lewis | 15DT512 ↗ | TRE | 115 | 141.2 | 25.3 | 1 | 30.0 | 655 | 18 | |
| FS InVision | FS 6306T RIB ↗ | TRE | 113 | 140.8 | 24.8 | 4 | 29.8 | 656 | 17 | |
| Golden Harvest | G16Q82-3120A EZR ↗ | 3120A | 116 | 140.8 | 24.9 | 1 | 29.5 | 655 | 19 | |
| Wyffels | W7876RIB ↗ | VT2P | 114 | 139.2 | 26.0 | 2 | 29.5 | 642 | 25 | |
| Integra | 6555 VT2PRIB ↗ | VT2P | 114 | 139.0 | 26.3 | 1 | 29.5 | 640 | 26 | |
| Wyffels | W8936DGRIB ↗ | VT2PDG | 117 | 138.8 | 28.6 | 1 | 30.0 | 628 | 28 | |
| Midland Genetics | 621PR RIB ↗ | VT2P | 114 | 138.7 | 27.1 | 1 | 30.8 | 635 | 27 | |
| Renk | RK895DGV2P ↗ | VT2PDG | 113 | 138.3 | 24.4 | 2 | 30.0 | 646 | 21 | |
| NK Brand | NK1349-3220 EZR ↗ | 3220 | 113 | 137.1 | 23.2 | 3 | 29.8 | 646 | 22 | |
| Lewis | 15DP899 ↗ | VT2P | 115 | 137.0 | 27.8 | 2 | 29.8 | 624 | 30 | |
| FS InVision | FS 6395VDG RIB ↗ | VT2PDG | 113 | 136.8 | 23.5 | 1 | 29.8 | 644 | 23 | |
| NuTech | 74A9AM ↗ | AM | 114 | 136.7 | 23.2 | 1 | 29.8 | 644 | 24 | |
| Golden Harvest | G13D55-3220 EZR ↗ | 3220 | 113 | 136.1 | 22.1 | 1 | 29.8 | 647 | 20 | |
| Taylor | EXP C-114-22 VT2P ↗ | VT2P | 114 | 134.8 | 25.4 | 3 | 30.0 | 625 | 29 | |
| DeKalb | DKC62-89RIB CK | TRE | 112 | 134.7 | 26.8 | 1 | 30.8 | 618 | 33 | |
| | | | | Averages = | 134.4 | 25.0 | 3 | 29.9 | 625 | |
| | | | | LSD (0.10) = | 13.0 | 2.5 | 5 | | | |
| | | | | LSD (0.25) = | 6.8 | 1.3 | 3 | | | |
| | | | | C.V. = | 10.6 | | | | | |
| | | | | Historic yield: 202.09 bu/a, 2 yr(s) | | | | | | |

William Schelp

william.schelp@firstseedtests.com, (573) 819-7968

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$5.00; non-GMO = \$5.00

Report Date: 10/14/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

©2021, All rights reserved by Elite Field Genetics, LLC

Additional reports available at www.firstseedtests.com