

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

2021 Soybeans Top 30 Harvest Report

Missouri North [MONO] CAIRO, MO
Dale & Kyle Samp, Randolph County, MO

| | |
|-------------------------------|----------------------------------------------------------------------------------|
| Early-Season Test | 3.2 - 3.7 Day CRM S2021MONO03a |
| Top 30 of 44 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Corn / Distinct, Bicep li Magnum, Mustang Max, Callisto, Atrazine, Roundup |
| SOIL DESCRIPTION: | Mexico silt loam, mod. poorly drained, non-irrigated |
| SOIL CONDITION: | high P, high K, 6.0 pH, 2.7% OM, 13.1 CEC |
| TILLAGE/CULTIVATION: | Minimum W/O Fall Till |
| PEST MANAGEMENT: | Prefix, Roundup Powermax |
| Applied N-P-K (units): | 0-0-0 |
| SEDED - RATE - ROW: | Jun 11 140.0 /A 30" spacing |
| HARVESTED - STAND: | Oct 10 133.3 /A |

TEST COMMENTS:

The site had excellent soil conditions at planting. Plenty of heat in the first half of June here. Most days between planting and emergence were 90 degrees plus. The trial was quick to emerge with very uniform stands and consistent conditions across both tests. Multiple 1-2 in. rain events scattered throughout July and August allowed yield to finish out well. There was zero green stem at harvest. The trial looked great all year.

| Company/Brand | Product/Brand | Technol.† | RM | SCN Resist. | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|---------------------------------------------------|------------------|------------|------------|-------------|--------------|-------------|-------------|----------------|----------------------|-------------------------------------|
| Dyna-Gro | S35XF72 ↗ | RXF | 3.5 | R | 62.6 | 12.2 | 1 | 139.3 | 751 | 1 |
| Midland Genetics | 3522XF ↗ | RXF | 3.5 | MR | 62.1 | 12.2 | 1 | 137.7 | 745 | 2 |
| FS HISOY | 35E10 ↗ | E3 | 3.5 | R | 60.8 | 12.3 | 3 | 130.0 | 730 | 3 |
| Lewis | 3325XF ↗ | RXF | 3.3 | R | 60.6 | 12.6 | 2 | 133.7 | 727 | 4 |
| Lewis | 3623XF ↗ | RXF | 3.6 | R | 60.2 | 12.9 | 1 | 128.0 | 722 | 5 |
| Xitavo | XO 3402E ↗ | E3 | 3.4 | R | 60.2 | 12.3 | 4 | 128.0 | 722 | 6 |
| NuTech | 34N06E ↗ | E3 | 3.4 | R | 60.0 | 12.4 | 4 | 116.3 | 720 | 7 |
| Midland Genetics | 3392E3 ↗ | E3 | 3.3 | R | 59.6 | 12.2 | 3 | 137.3 | 715 | 8 |
| Hoegemeyer | 3591 E ↗ | E3 | 3.5 | R | 59.3 | 12.6 | 3 | 128.0 | 712 | 9 |
| Xitavo | XO 3651E ↗ | E3 | 3.6 | R | 59.2 | 12.6 | 6 | 143.0 | 710 | 10 |
| Donmarrio | DM3756E ↗ | E3 | 3.7 | R | 59.0 | 12.4 | 3 | 133.7 | 708 | 11 |
| AgriGold | G3630XF ↗ | RXF | 3.6 | R | 59.0 | 12.8 | 6 | 133.3 | 708 | 12 |
| Midland Genetics | 3591E3 ↗ | E3 | 3.5 | MR | 59.0 | 12.5 | 7 | 128.0 | 708 | 13 |
| Lewis | 3713XF ↗ | RXF | 3.7 | R | 58.9 | 12.8 | 1 | 139.3 | 707 | 14 |
| AgriGold | G3649E3 ↗ | E3 | 3.6 | R | 58.7 | 12.5 | 3 | 129.7 | 704 | 15 |
| AgriGold | G3490XF ↗ | RXF | 3.4 | R | 58.5 | 12.2 | 2 | 135.3 | 702 | 16 |
| NuTech | 37N01E ↗ | E3 | 3.7 | R | 58.5 | 12.6 | 2 | 137.7 | 702 | 17 |
| Xitavo | XO 3341E ↗ | E3 | 3.3 | R | 58.4 | 12.6 | 4 | 133.7 | 701 | 18 |
| Golden Harvest | GH3442XF ↗ | RXF | 3.4 | MR | 58.4 | 12.1 | 3 | 137.3 | 701 | 19 |
| Donmarrio | DM37F51 ↗ | RXF | 3.7 | NA | 58.2 | 12.5 | 1 | 131.7 | 698 | 20 |
| Burrus | 3642E ↗ | E3 | 3.6 | R | 58.1 | 12.4 | 4 | 139.3 | 697 | 22 |
| Asgrow | AG35XF1 § ↗ | RXF | 3.5 | R | 57.4 | 12.6 | 6 | 125.7 | 689 | 23 |
| Stine | 36EB32 § ↗ | E3 | 3.6 | R | 56.7 | 12.5 | 5 | 135.7 | 680 | 24 |
| Hoegemeyer | 3421 SE ↗ | E3,ST | 3.4 | R | 56.7 | 12.7 | 3 | 133.7 | 680 | 25 |
| Xitavo | XO 3752E ↗ | E3,ST | 3.7 | R | 56.7 | 12.3 | 4 | 139.3 | 680 | 26 |
| Pioneer | P38T05E § ↗ | E3 | 3.8 | R | 56.2 | 12.4 | 1 | 131.7 | 674 | 27 |
| NuTech | 35N03E ↗ | E3 | 3.5 | R | 56.2 | 12.9 | 4 | 134.0 | 674 | 28 |
| FS HISOY | 37E10 ↗ | E3 | 3.7 | R | 55.8 | 12.3 | 1 | 131.7 | 670 | 29 |
| Dyna-Gro | S37ES52 ↗ | E3 | 3.7 | R | 55.7 | 12.3 | 1 | 132.0 | 668 | 30 |
| Stine | 35EE32 § ↗ | E3 | 3.5 | R | 55.5 | 12.3 | 8 | 141.3 | 666 | 31 |
| Pioneer | P41T07E CK | E3 | 4.1 | MR | 58.1 | 13.0 | 3 | 131.7 | 697 | 21 |
| | | | | | Averages = | 57.1 | 12.5 | 3 | 133.3 | 685 |
| | | | | | LSD (0.10) = | 2.5 | 0.2 | 3 | | |
| | | | | | LSD (0.25) = | 1.3 | 0.1 | 2 | | |
| william.schelp@firstseedtests.com, (573) 819-7968 | | | | | C.V. = | 4.1 | | | | Historic yield: 59.53 bu/a, 1 yr(s) |

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$12.00; non-GMO = \$12.00

Report Date: 10/13/2021

† 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 Soybeans Top 30 Harvest Report

Missouri North [MONO] CAIRO, MO
Dale & Kyle Samp, Randolph County, MO

| | |
|-------------------------------|----------------------------------------------------------------------------------|
| Full-Season Test | 3.8 - 4.3 Day CRM S2021MONO03b |
| Top 30 of 45 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Corn / Distinct, Bicep li Magnum, Mustang Max, Callisto, Atrazine, Roundup |
| SOIL DESCRIPTION: | Mexico silt loam, mod. poorly drained, non-irrigated |
| SOIL CONDITION: | high P, high K, 6.0 pH, 2.7% OM, 13.1 CEC |
| TILLAGE/CULTIVATION: | Minimum W/O Fall Till |
| PEST MANAGEMENT: | Prefix, Roundup Powermax |
| Applied N-P-K (units): | 0-0-0 |
| SEDED - RATE - ROW: | Jun 11 140.0 /A 30" spacing |
| HARVESTED - STAND: | Oct 10 130.2 /A |

TEST COMMENTS:

The site had excellent soil conditions at planting. Plenty of heat in the first half of June here. Most days between planting and emergence were 90 degrees plus. The trial was quick to emerge with very uniform stands and consistent conditions across both tests. Multiple 1-2 in. rain events scattered throughout July and August allowed yield to finish out well. There was zero green stem at harvest. The trial looked great all year.

| Company/Brand | Product/Brand | Technol.† | RM | SCN Resist. | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|---------------------------------------------------|------------------|------------|------------|-------------|--------------|-------------|-------------|----------------|----------------------|-------------------------------------|
| Xitavo | XO 3861E ↗ | E3,ST | 3.8 | R | 63.3 | 12.4 | 1 | 126.0 | 760 | 1 |
| Donmario | DM3932E ↗ | E3 | 3.9 | R | 62.0 | 12.5 | 1 | 132.0 | 744 | 2 |
| Midland Genetics | 3999E3 ↗ | E3 | 3.9 | R | 61.8 | 12.5 | 2 | 129.7 | 742 | 3 |
| NuTech | 43N04E ↗ | E3 | 4.3 | R | 61.5 | 12.8 | 5 | 128.0 | 738 | 4 |
| Asgrow | AG41XF2 § ↗ | RXF | 4.1 | R | 61.3 | 12.9 | 2 | 132.0 | 736 | 5 |
| Asgrow | AG40XF1 § ↗ | RXF | 4.0 | R | 60.6 | 12.6 | 6 | 137.3 | 727 | 6 |
| Lewis | 3910XF ↗ | RXF | 3.9 | R | 60.0 | 12.6 | 3 | 133.7 | 720 | 7 |
| Hoegemeyer | 3921 E ↗ | E3 | 3.9 | R | 59.7 | 12.2 | 1 | 127.7 | 716 | 8 |
| Hoegemeyer | 4081 SE ↗ | E3,ST | 4.0 | R | 59.6 | 12.5 | 1 | 122.0 | 715 | 9 |
| FS HISOY | 40F10 ↗ | RXF | 4.0 | R | 59.6 | 12.7 | 20 | 118.0 | 715 | 10 |
| AgriGold | G3724XF ↗ | RXF | 3.7 | R | 59.5 | 12.7 | 2 | 133.7 | 714 | 11 |
| Xitavo | XO 4132E ↗ | E3 | 4.1 | R | 59.5 | 12.8 | 6 | 131.7 | 714 | 12 |
| Burrus | 3859E ↗ | E3 | 3.8 | R | 59.2 | 13.3 | 4 | 137.3 | 710 | 13 |
| Dyna-Gro | S41EN72 ↗ | E3 | 4.1 | R | 59.2 | 12.8 | 5 | 118.0 | 710 | 14 |
| FS HISOY | 42E10 ↗ | E3,ST | 4.2 | R | 58.8 | 12.6 | 2 | 131.3 | 706 | 15 |
| Lewis | 4211XF ↗ | RXF | 4.2 | R | 58.8 | 13.1 | 6 | 132.0 | 705 | 16 |
| Midland Genetics | 4221XFS ↗ | RXF | 4.2 | MR | 58.7 | 13.0 | 7 | 124.0 | 704 | 17 |
| Lewis | 4304XF ↗ | RXF | 4.3 | R | 58.0 | 12.6 | 3 | 127.7 | 696 | 18 |
| Dyna-Gro | S40XF21S ↗ | RXF,ST | 4.0 | R | 57.6 | 13.3 | 9 | 130.0 | 691 | 19 |
| Midland Genetics | 3921XFS ↗ | RXF | 3.9 | R | 57.3 | 13.5 | 14 | 118.0 | 687 | 21 |
| Lewis | 4004XF ↗ | RXF | 4.0 | R | 57.2 | 12.4 | 4 | 121.7 | 686 | 22 |
| Golden Harvest | GH4392XF ↗ | RXF | 4.3 | MR | 57.1 | 12.6 | 14 | 133.3 | 685 | 23 |
| Credenz | CZ 4241GTLL ↗ | LLGT27 | 4.2 | NA | 56.8 | 12.9 | 6 | 135.7 | 682 | 24 |
| Golden Harvest | GH3952XF ↗ | RXF | 3.9 | R | 56.3 | 12.5 | 10 | 124.0 | 676 | 25 |
| FS HISOY | 39E10 ↗ | E3 | 3.9 | R | 55.7 | 12.9 | 3 | 125.7 | 668 | 26 |
| AgriGold | G3957E3 ↗ | E3 | 3.9 | R | 55.7 | 13.0 | 6 | 131.7 | 668 | 27 |
| Dyna-Gro | S39XF41 ↗ | RXF,ST | 3.9 | MR | 55.2 | 12.5 | 12 | 126.0 | 662 | 28 |
| Golden Harvest | GH3902E3S § ↗ | E3,ST | 3.9 | R | 55.0 | 12.6 | 9 | 135.3 | 660 | 29 |
| Donmario | DM39F62 ↗ | RXF | 3.9 | NA | 55.0 | 12.8 | 17 | 129.7 | 660 | 30 |
| NuTech | 39N05E ↗ | E3 | 3.9 | R | 54.8 | 12.2 | 2 | 137.7 | 658 | 31 |
| Pioneer | P41T07E CK | E3 | 4.1 | MR | 57.5 | 13.0 | 1 | 133.7 | 690 | 20 |
| | | | | | Averages = | 56.6 | 12.7 | 5 | 130.2 | 679 |
| | | | | | LSD (0.10) = | 2.2 | 0.2 | 5 | | |
| | | | | | LSD (0.25) = | 1.2 | 0.1 | 2 | | |
| william.schelp@firstseedtests.com, (573) 819-7968 | | | | | C.V. = | 3.7 | | | | Historic yield: 59.53 bu/a, 1 yr(s) |

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$12.00; non-GMO = \$12.00

Report Date: 10/13/2021

† 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