

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

2021 Soybeans Top 30 Harvest Report

Missouri North [MONO] GREENTOP, MO
Terry Sevits, Schuyler County, MO 63546

| | |
|-------------------------------|---|
| Early-Season Test | Maturity Group 3.2 - 3.7 S2021MONO04a |
| Top 30 of 44 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Corn / Brawl 2, Roundup |
| SOIL DESCRIPTION: | Edina-Seymour silty clay loam, moderately drained, non- irrigated |
| SOIL CONDITION: | low P, medium K, 5.9 pH, 2.5% OM, 14.6 CEC |
| TILLAGE/CULTIVATION: | Conventional W/O Fall Till |
| PEST MANAGEMENT: | Sonic, Zidua, Liberty |
| Applied N-P-K (units): | 0-0-0 |
| SEEDED - RATE - ROW: | Jun 9 140.0 /A 30" spacing |
| HARVESTED - STAND: | Oct 20 123.9 /A |

TEST COMMENTS:

Unusually cold late May weather created challenges for crop establishment in parts of Missouri. Many soybean replant acres were reported and observed. On May 29th, the normal maximum low for this site is 57 degrees. This year the high did not leave the 40's on May 29th. The trial was planted as temperatures quickly rebounded in early June. There was plenty of rain early, although as Terry mentioned, "if we could have gotten another rain in August, it would have been even better". Half of the 4 in. of August rainfall came through on the last day of the month. No observed herbicide damage throughout the season. Small seed size and healthy test weight at harvest.

| Company/Brand | Product/Brand | Technol.† | RM | SCN Resist. | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|------------------|------------------|------------|------------|-------------|-------------------------------------|-------------|-------------|----------------|----------------------|------------|
| Donmarrio | DM37F51 ↗ | RXF | 3.7 | NA | 61.6 | 11.1 | 1 | 116.0 | 739 | 1 |
| Stine | 35EE32 § ↗ | E3 | 3.5 | R | 59.6 | 11.1 | 1 | 120.0 | 715 | 2 |
| Hoegemeyer | 3591 E ↗ | E3 | 3.5 | R | 59.6 | 11.1 | 1 | 129.7 | 715 | 3 |
| NuTech | 37N01E ↗ | E3 | 3.7 | R | 59.6 | 11.0 | 1 | 124.0 | 715 | 4 |
| Burrus | 3642E ↗ | E3 | 3.6 | R | 59.4 | 11.1 | 1 | 126.0 | 713 | 5 |
| Midland Genetics | 3392E3 ↗ | E3 | 3.3 | R | 59.1 | 11.0 | 1 | 122.0 | 709 | 6 |
| Asgrow | AG35XF1 § ↗ | RXF | 3.5 | R | 58.9 | 11.1 | 1 | 120.0 | 707 | 7 |
| Pioneer | P38T05E § ↗ | E3 | 3.8 | R | 58.6 | 11.1 | 1 | 124.0 | 703 | 8 |
| Midland Genetics | 3591E3 ↗ | E3 | 3.5 | MR | 58.4 | 11.1 | 1 | 125.7 | 701 | 9 |
| Xitavo | XO 3402E ↗ | E3 | 3.4 | R | 58.3 | 11.1 | 1 | 131.7 | 700 | 10 |
| NuTech | 35N03E ↗ | E3 | 3.5 | R | 58.2 | 11.1 | 1 | 122.0 | 698 | 11 |
| Midland Genetics | 3722XFS ↗ | RXF | 3.7 | MR | 58.2 | 11.1 | 1 | 132.0 | 698 | 12 |
| Stine | 36EB32 § ↗ | E3 | 3.6 | R | 58.0 | 11.1 | 1 | 129.3 | 696 | 13 |
| Dyna-Gro | S37ES52 ↗ | E3 | 3.7 | R | 57.9 | 11.0 | 1 | 128.0 | 695 | 14 |
| FS HISOY | 35E10 ↗ | E3 | 3.5 | R | 57.5 | 11.1 | 1 | 110.3 | 690 | 15 |
| NK Brand | NK37-V4E3S ↗ | E3,ST | 3.7 | MR | 57.3 | 11.1 | 1 | 119.7 | 688 | 16 |
| FS HISOY | 37E10 ↗ | E3 | 3.7 | R | 57.0 | 11.0 | 1 | 132.0 | 684 | 17 |
| AgriGold | G3649E3 ↗ | E3 | 3.6 | R | 57.0 | 11.2 | 1 | 126.0 | 684 | 18 |
| Hoegemeyer | 3421 SE ↗ | E3,ST | 3.4 | R | 56.8 | 11.0 | 1 | 116.0 | 682 | 19 |
| AgriGold | G3490XF ↗ | RXF | 3.4 | R | 56.8 | 11.1 | 1 | 122.0 | 682 | 20 |
| AgriGold | G3755E3 ↗ | E3 | 3.7 | R | 56.5 | 11.2 | 1 | 116.3 | 678 | 21 |
| Lewis | 3713XF ↗ | RXF | 3.7 | R | 56.4 | 11.0 | 1 | 124.0 | 677 | 22 |
| AgriGold | G3630XF ↗ | RXF | 3.6 | R | 55.8 | 11.2 | 1 | 127.7 | 670 | 23 |
| Lewis | 3513XF ↗ | RXF | 3.5 | R | 55.5 | 11.0 | 1 | 126.0 | 666 | 24 |
| Lewis | 3623XF ↗ | RXF | 3.6 | R | 55.2 | 11.0 | 1 | 122.0 | 662 | 25 |
| Golden Harvest | GH3732XF § ↗ | RXF | 3.7 | R | 55.2 | 11.1 | 1 | 122.0 | 662 | 26 |
| Golden Harvest | GH3512E3S ↗ | E3,ST | 3.5 | MR | 55.2 | 11.1 | 1 | 122.0 | 662 | 27 |
| Golden Harvest | GH3442XF ↗ | RXF | 3.4 | MR | 54.8 | 11.0 | 1 | 124.0 | 658 | 29 |
| Xitavo | XO 3651E ↗ | E3 | 3.6 | R | 54.6 | 11.1 | 1 | 122.0 | 655 | 30 |
| Midland Genetics | 3522XF ↗ | RXF | 3.5 | MR | 54.5 | 10.9 | 1 | 124.0 | 654 | 31 |
| Pioneer | P41T07E CK | E3 | 4.1 | MR | 55.1 | 11.2 | 1 | 124.0 | 661 | 28 |
| | | | | | Averages = | 55.9 | 11.1 | 1 | 123.9 | 669 |
| | | | | | LSD (0.10) = | 2.9 | ns | ns | | |
| | | | | | LSD (0.25) = | 1.5 | ns | ns | | |
| | | | | | C.V. = | 4.8 | | | | |
| | | | | | Historic yield: 46.92 bu/a, 9 yr(s) | | | | | |

William Schelp

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

Report Date: 10/21/2021

† 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

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2021 Soybeans Top 30 Harvest Report

Missouri North [MONO] GREENTOP, MO
Terry Sevits, Schuyler County, MO 63546

| | |
|-------------------------------|---|
| Full-Season Test | Maturity Group 3.8 - 4.3 S2021MONO04b |
| Top 30 of 45 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Corn / Brawl 2, Roundup |
| SOIL DESCRIPTION: | Edina-Seymour silty clay loam, moderately drained, non- irrigated |
| SOIL CONDITION: | low P, medium K, 5.9 pH, 2.5% OM, 14.6 CEC |
| TILLAGE/CULTIVATION: | Conventional W/O Fall Till |
| PEST MANAGEMENT: | Sonic, Zidua, Liberty |
| Applied N-P-K (units): | 0-0-0 |
| SEEDED - RATE - ROW: | Jun 9 140.0 /A 30" spacing |
| HARVESTED - STAND: | Oct 20 125.3 /A |

TEST COMMENTS:

Unusually cold late May weather created challenges for crop establishment in parts of Missouri. Many soybean replant acres were reported and observed. On May 29th, the normal maximum low for this site is 57 degrees. This year the high did not leave the 40's on May 29th. The trial was planted as temperatures quickly rebounded in early June. There was plenty of rain early, although as Terry mentioned, "if we could have gotten another rain in August, it would have been even better". Half of the 4 in. of August rainfall came through on the last day of the month. No observed herbicide damage throughout the season. Small seed size and healthy test weight at harvest.

| Company/Brand | Product/Brand | Technol.† | RM | SCN Resist. | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|---|------------------|-----------|------------|-------------|--------------|-------------|-------------|----------------|----------------------|-------------------------------------|
| Dyna-Gro | S41EN72 ↗ | E3 | 4.1 | R | 63.6 | 11.5 | 1 | 116.3 | 763 | 1 |
| FS HiSOY | 39E10 ↗ | E3 | 3.9 | R | 62.3 | 11.4 | 1 | 127.7 | 748 | 2 |
| Xitavo | XO 3922E ↗ | E3 | 3.9 | R | 62.1 | 11.6 | 1 | 135.7 | 745 | 3 |
| Golden Harvest | GH4392XF ↗ | RXF | 4.3 | MR | 62.0 | 11.6 | 1 | 129.7 | 744 | 4 |
| Xitavo | XO 3861E ↗ | E3,ST | 3.8 | R | 62.0 | 11.5 | 1 | 139.3 | 744 | 5 |
| Hoegemeyer | 4081 SE ↗ | E3,ST | 4.0 | R | 61.4 | 11.4 | 1 | 126.0 | 737 | 6 |
| Lewis | 4211XF ↗ | RXF | 4.2 | R | 61.4 | 11.6 | 1 | 120.0 | 737 | 7 |
| Xitavo | XO 4132E ↗ | E3 | 4.1 | R | 61.0 | 11.4 | 1 | 114.0 | 732 | 8 |
| NuTech | 41N03E ↗ | E3 | 4.1 | R | 60.8 | 11.7 | 1 | 128.0 | 730 | 9 |
| AgriGold | G3957E3 ↗ | E3 | 3.9 | R | 60.7 | 11.5 | 1 | 124.0 | 728 | 10 |
| Stine | 39EC22 § ↗ | E3 | 3.9 | R | 60.6 | 11.4 | 1 | 122.0 | 727 | 11 |
| Lewis | 4304XF ↗ | RXF | 4.3 | R | 60.6 | 11.6 | 1 | 134.0 | 727 | 12 |
| Dyna-Gro | S40XF21S ↗ | RXF,ST | 4.0 | R | 60.4 | 11.6 | 1 | 116.3 | 725 | 14 |
| FS HiSOY | 42E10 ↗ | E3,ST | 4.2 | R | 60.2 | 11.6 | 1 | 118.0 | 722 | 15 |
| NuTech | 43N04E ↗ | E3 | 4.3 | R | 60.1 | 11.5 | 1 | 120.0 | 721 | 16 |
| Midland Genetics | 4221XFS ↗ | RXF | 4.2 | MR | 60.1 | 11.5 | 1 | 129.7 | 721 | 17 |
| Hoegemeyer | 3921 E ↗ | E3 | 3.9 | R | 60.0 | 11.6 | 1 | 128.0 | 720 | 18 |
| NuTech | 39N05E ↗ | E3 | 3.9 | R | 59.9 | 11.5 | 1 | 120.0 | 719 | 19 |
| Burrus | 3859E ↗ | E3 | 3.8 | R | 59.9 | 11.6 | 1 | 124.0 | 719 | 20 |
| Dyna-Gro | S39XF41 ↗ | RXF,ST | 3.9 | MR | 59.4 | 11.5 | 1 | 135.7 | 713 | 21 |
| Midland Genetics | 3999E3 ↗ | E3 | 3.9 | R | 59.3 | 11.4 | 1 | 116.0 | 712 | 22 |
| Midland Genetics | 3921XFS ↗ | RXF | 3.9 | R | 59.0 | 11.6 | 1 | 127.7 | 708 | 23 |
| Asgrow | AG41XF2 § ↗ | RXF | 4.1 | R | 58.9 | 11.4 | 1 | 118.3 | 707 | 24 |
| Xitavo | XO 4371E ↗ | E3 | 4.3 | R | 58.5 | 11.5 | 1 | 122.3 | 702 | 25 |
| Donmario | DM40E62 ↗ | E3 | 4.0 | NA | 58.5 | 11.6 | 1 | 135.3 | 702 | 26 |
| Midland Genetics | 4260E3S ↗ | E3,ST | 4.2 | MR | 58.5 | 11.5 | 1 | 132.0 | 702 | 27 |
| Golden Harvest | GH3902E3S § ↗ | E3,ST | 3.9 | R | 58.4 | 11.6 | 1 | 131.7 | 701 | 28 |
| AgriGold | G4094XF ↗ | RXF | 4.0 | R | 58.0 | 11.6 | 1 | 124.3 | 696 | 29 |
| Stine | 40EC20 § ↗ | E3 | 4.0 | R | 57.7 | 11.6 | 1 | 112.3 | 692 | 30 |
| Lewis | 3910XF ↗ | RXF | 3.9 | R | 57.4 | 11.5 | 1 | 130.0 | 689 | 31 |
| Pioneer | P41T07E CK | E3 | 4.1 | MR | 60.5 | 11.5 | 1 | 116.0 | 726 | 13 |
| | | | | | Averages = | 58.9 | 11.5 | 1 | 125.3 | 706 |
| | | | | | LSD (0.10) = | 2.7 | ns | ns | | |
| | | | | | LSD (0.25) = | 1.4 | ns | ns | | |
| william.schelp@firstseedtests.com, (573) 819-7968 | | | | | C.V. = | 4.3 | | | | Historic yield: 46.92 bu/a, 9 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: 10/21/2021

† 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

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