

Test by: Agri Seed Research, LLC Louisburg, KS

2021 Soybeans Top 30 Harvest Report


Nebraska Southeast [NESE] TECUMSEH, NE
Nick Smith, Johnson County, NE 68455

| | |
|-------------------------------|--|
| All-Season Test | 3.1 - 4.0 Day CRM S2021NESE10 |
| Top 30 of 50 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Corn / Atrazine, Mesotrione |
| SOIL DESCRIPTION: | Wymore silt loam, moderately drained, non-irrigated |
| SOIL CONDITION: | high P, high K, 6.5 pH, 4.6% OM, 19.8 CEC |
| TILLAGE/CULTIVATION: | No-Till |
| PEST MANAGEMENT: | Glyphosate, 2,4-D, Authority, Fomesafen |
| Applied N-P-K (units): | 0-30-30 |
| SEEDED - RATE - ROW: | Jun 3 145.0 /A 30" spacing |
| HARVESTED - STAND: | Oct 17 136.1 /A |

TEST COMMENTS:

This location was planted into a clean seedbed with good moisture. Plants looked good early in the season thanks to a couple of timely rains after planting. Late July and August brought drier weather, and rains were spotty. Plants were standing well at harvest, and some green stems and leaves were seen in the longer season varieties. Excellent weed control.

| Company/Brand | Product/Brand | Technol.† | RM | SCN Resist. | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|------------------|----------------|-----------|-----|-------------|--------------|------------|-----------|----------------|----------------------|------|
| Golden Harvest | GH3512E3S ↗ | E3,ST | 3.5 | MR | 58.3 | 10.7 | 0 | 135.7 | 700 | 1 |
| Donmario | DM38F42S ↗ | RXF | 3.8 | NA | 57.7 | 10.9 | 0 | 135.7 | 692 | 2 |
| NuPride Genetics | NGN9312E3 GC ↗ | E3 | 3.1 | R | 57.0 | 10.5 | 0 | 139.0 | 684 | 3 |
| Stine | 39EC22 § ↗ | E3 | 3.9 | R | 56.8 | 11.0 | 0 | 132.3 | 682 | 4 |
| Xitavo | XO 3752E ↗ | E3,ST | 3.7 | R | 56.7 | 11.0 | 0 | 134.0 | 680 | 5 |
| Stine | 40EC20 § ↗ | E3 | 4.0 | R | 56.6 | 10.4 | 0 | 134.0 | 679 | 6 |
| Xitavo | XO 3922E ↗ | E3 | 3.9 | R | 56.1 | 10.6 | 0 | 134.0 | 673 | 7 |
| NK Brand | NK39-T5E3S ↗ | E3,ST | 3.9 | R | 55.8 | 10.9 | 0 | 137.3 | 670 | 8 |
| Midland Genetics | 3522XF ↗ | RXF | 3.5 | MR | 55.7 | 10.6 | 0 | 139.0 | 668 | 9 |
| Hefty | H36XF2 ↗ | RXF | 3.6 | NA | 55.7 | 10.7 | 0 | 139.0 | 668 | 10 |
| Golden Harvest | GH3732XF § ↗ | RXF | 3.7 | R | 55.5 | 11.1 | 0 | 139.0 | 666 | 11 |
| Hefty | H31X9 ↗ | RRX | 3.1 | R | 55.3 | 10.7 | 0 | 137.3 | 664 | 12 |
| Pioneer | P39T61SE § ↗ | E3,ST | 3.9 | MR | 55.1 | 10.6 | 0 | 135.7 | 661 | 13 |
| Dyna-Gro | S35XF72 ↗ | RXF | 3.5 | R | 54.8 | 10.7 | 0 | 135.7 | 658 | 14 |
| Zinesto | Z3402E ↗ | E3 | 3.4 | NA | 54.5 | 11.1 | 0 | 137.3 | 654 | 15 |
| Dyna-Gro | S37XF42 ↗ | RXF | 3.7 | MR | 54.2 | 10.4 | 0 | 137.3 | 650 | 16 |
| Donmario | DM36F62S ↗ | RXF | 3.6 | NA | 54.0 | 10.9 | 0 | 137.3 | 648 | 17 |
| Zinesto | Z3101E ↗ | E3 | 3.1 | R | 53.5 | 11.0 | 0 | 135.7 | 642 | 18 |
| Xitavo | XO 3651E ↗ | E3 | 3.6 | R | 53.3 | 10.5 | 0 | 144.0 | 640 | 19 |
| Midland Genetics | 3999E3 ↗ | E3 | 3.9 | R | 53.2 | 11.0 | 0 | 137.3 | 638 | 20 |
| Golden Harvest | GH3762E3S § ↗ | E3,ST | 3.7 | MR | 53.2 | 10.4 | 0 | 139.0 | 638 | 21 |
| Asgrow | AG40XF1 § ↗ | RXF | 4.0 | R | 53.0 | 10.3 | 0 | 135.7 | 636 | 22 |
| Asgrow | AG37XF1 § ↗ | RXF | 3.7 | R | 53.0 | 11.4 | 0 | 139.0 | 636 | 23 |
| Hefty | H35XF1 ↗ | RXF | 3.5 | NA | 52.7 | 10.6 | 0 | 132.3 | 632 | 24 |
| NK Brand | NK37-V4E3S ↗ | E3,ST | 3.7 | MR | 52.6 | 10.6 | 0 | 137.3 | 631 | 25 |
| Golden Harvest | GH3442XF ↗ | RXF | 3.4 | MR | 52.5 | 10.7 | 0 | 137.3 | 630 | 26 |
| Midland Genetics | 4082E3 ↗ | E3 | 4.0 | R | 52.5 | 10.4 | 0 | 134.0 | 630 | 27 |
| Zinesto | Z3602E ↗ | E3 | 3.6 | NA | 52.5 | 10.8 | 0 | 140.7 | 630 | 28 |
| Xitavo | XO 3131E ↗ | E3 | 3.1 | R | 52.4 | 10.6 | 0 | 135.7 | 629 | 29 |
| Dyna-Gro | S39XF41 ↗ | RXF,ST | 3.9 | MR | 52.2 | 11.0 | 0 | 135.7 | 626 | 30 |



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Averages = **53.0** **10.7** **136.1** **636**

LSD (0.10) = 3.0 0.2 ns

LSD (0.25) = 1.6 0.1 ns

C.V. = 5.4 Historic yield: 51.8 bu/a, 2 yr(s)

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

Report Date: 10/18/2021

† 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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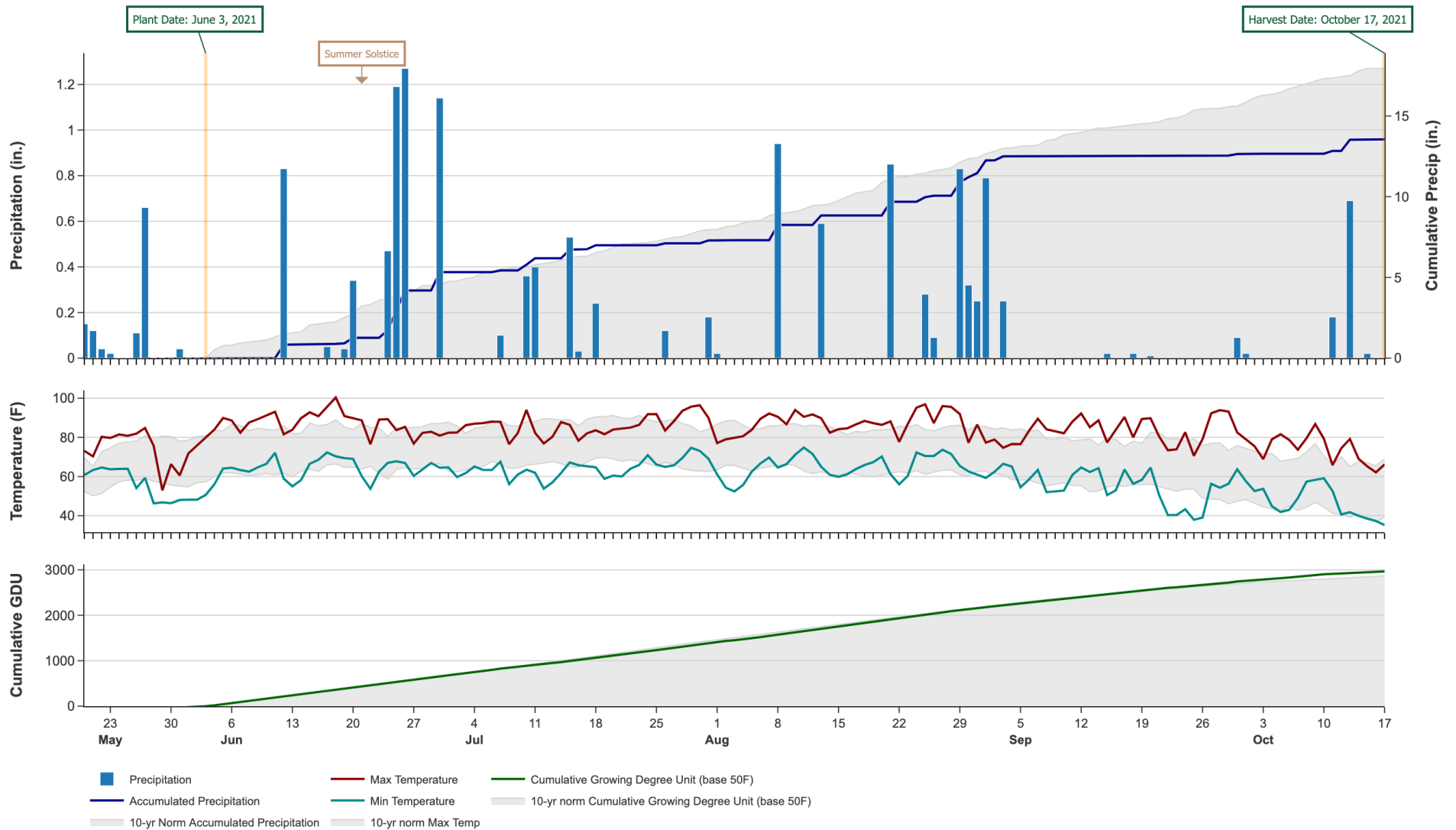
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2021 Soybeans - Nebraska Southeast [NESE]

Weather Conditions Summary at TECUMSEH, NE

Weather Data Retrieved: 10/18/2021

| Monthly Total | May* | Jun | Jul | Aug | Sep | Oct* | Total |
|-----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Precip (in) Normal (Diff) | 1.1 2.9 (-1.8) | 5.3 4.8 (+0.5) | 2.0 3.5 (-1.5) | 4.2 4.5 (-0.3) | 1.2 3.2 (-2.0) | 0.9 2.3 (-1.4) | 14.7 21.2 (-6.5) |
| GDU Normal (Diff) | 189 190 (-1) | 695 696 (-1) | 744 797 (-53) | 761 738 (+22) | 581 519 (+61) | 221 168 (+52) | 3191 3111 (+79) |



* 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.

2021 Soybeans - Nebraska Southeast [NESE]

All-Season Test Products (50 Total)

| Company/Brand | Product/Brand | Technology | SCN | RM | Seed Treat. |
|------------------|---------------|------------|-----|-----|-------------|
| Asgrow | AG35XF1 § | RXF | R | 3.5 | ACi |
| Asgrow | AG37XF1 § | RXF | R | 3.7 | ACi,IL |
| Asgrow | AG40XF1 § | RXF | R | 4.0 | ACi,IL |
| Donmario | DM36F62S | RXF | NA | 3.6 | CMBV |
| Donmario | DM38F42S | RXF | NA | 3.8 | CMBV |
| Dyna-Gro | S35XF72 | RXF | R | 3.5 | EQV,SA |
| Dyna-Gro | S37XF42 | RXF | MR | 3.7 | EQV,SA |
| Dyna-Gro | S39XF41 | RXF,ST | MR | 3.9 | EQV,SA |
| Golden Harvest | GH3442XF | RXF | MR | 3.4 | CMBV,SA |
| Golden Harvest | GH3512E3S | E3,ST | MR | 3.5 | CMBV,SA |
| Golden Harvest | GH3732XF § | RXF | R | 3.7 | CMBV,SA |
| Golden Harvest | GH3762E3S § | E3,ST | MR | 3.7 | CMBV,SA |
| Hefty | H31X9 | RRX | R | 3.1 | DST4,SA |
| Hefty | H31XF2 | RXF | NA | 3.1 | DST4,SA |
| Hefty | H32XF2 | RXF | NA | 3.2 | DST4,SA |
| Hefty | H33XF2 | RXF | NA | 3.3 | DST4,SA |
| Hefty | H35XF1 | RXF | NA | 3.5 | DST4,SA |
| Hefty | H36XF2 | RXF | NA | 3.6 | DST4,SA |
| Hoegemeyer | 3141 E | E3 | R | 3.1 | Lum,Lu,IL |
| Hoegemeyer | 3421 SE | E3,ST | R | 3.4 | Lum,Lu,IL |
| Hoegemeyer | 3591 E | E3 | R | 3.5 | Lum,Lu,IL |
| Midland Genetics | 3392E3 | E3 | R | 3.3 | Edge-SST |
| Midland Genetics | 3522XF | RXF | MR | 3.5 | Edge-SST |
| Midland Genetics | 3591E3 | E3 | MR | 3.5 | Edge-SST |
| Midland Genetics | 3921XFS | RXF | R | 3.9 | Edge-SST |
| Midland Genetics | 3999E3 | E3 | R | 3.9 | Edge-SST |
| Midland Genetics | 4082E3 | E3 | R | 4.0 | Edge-SST |
| NK Brand | NK35-J6E3S § | E3,ST | MR | 3.5 | CMBV,SA |
| NK Brand | NK37-V4E3S | E3,ST | MR | 3.7 | CMBV,SA |
| NK Brand | NK37-Z9XF | RXF | R | 3.7 | CMBV,SA |
| NK Brand | NK39-T5E3S | E3,ST | R | 3.9 | CMBV,SA |
| NuPride Genetics | NGN8261GT GC | RR | NA | 2.7 | Untreated |
| NuPride Genetics | NGN9312E3 GC | E3 | R | 3.1 | Untreated |
| NuPride Genetics | NGN9373E3 GC | E3 | NA | 3.7 | Untreated |
| Pioneer | P37T33E § | E3 | MR | 3.7 | Lum,IL |
| Pioneer | P38T05E § | E3 | R | 3.8 | Lum,IL |
| Pioneer | P39T61SE § | E3,ST | MR | 3.9 | Lum,IL |
| Stine | 35EE32 § | E3 | R | 3.5 | SFI |
| Stine | 39EC22 § | E3 | R | 3.9 | SFI |
| Stine | 40EC20 § | E3 | R | 4.0 | SFI |
| Xitavo | XO 3131E | E3 | R | 3.1 | PV,IL,OB |
| Xitavo | XO 3341E | E3 | R | 3.3 | PV,IL,OB |

| Company/Brand | Brand/Product | Technology | SCN | RM | Seed Treat. |
|---------------|---------------|------------|-----|-----|-------------|
| Xitavo | XO 3402E | E3 | R | 3.4 | PV,IL,OB |
| Xitavo | XO 3651E | E3 | R | 3.6 | PV,IL,OB |
| Xitavo | XO 3752E | E3,ST | R | 3.7 | PV,IL,OB |
| Xitavo | XO 3922E | E3 | R | 3.9 | PV,IL,OB |
| Zinesto | Z3101E | E3 | R | 3.1 | DST4,SA |
| Zinesto | Z3202E | E3 | NA | 3.2 | DST4,SA |
| Zinesto | Z3402E | E3 | NA | 3.4 | DST5 |
| Zinesto | Z3602E | E3 | NA | 3.6 | DST4,SA |

* 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

| | |
|----|--|
| CK | Identifies a check product included in early- and full-season tests. |
| GC | Grower Comparison product included by FIRST when space permits. |
| § | United Soybean Board sponsored entry |

Soybean Cyst Nematode (SCN) Resistance Rating

| | |
|-----|---------------------|
| S | susceptible |
| MR | moderate resistance |
| R | resistant |
| n/a | info unavailable |

Soybeans Technologies

| | |
|-----|----------------------------|
| E3 | Enlist™ E3 |
| RR | Roundup Ready® |
| RRX | Roundup Ready 2 Xtend® |
| RXF | Roundup Ready 2 XtendFlex® |
| ST | Sulfonylurea tolerant |

Soybeans Seed Treatments*

| | |
|-----------|--|
| NA | Not Available |
| ACi | Acceleron® Standard Insecticide-Fungicide |
| ACi,IL | Acceleron® Standard Insecticide-Fungicide, ILeVO |
| CMBV | CruiserMaxx® Beans, Vibrance® |
| CMBV,SA | Cruisermaxx® Beans, Vibrance®, Saltro® |
| DST4,SA | Dominance 4 ST,Saltro® |
| DST5 | Dominance 5 ST |
| Edge- | Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®, |
| SST | Optimize®, Saltro® (Midland Genetics) |
| EQV,SA | Equity VIP, Saltro® |
| Lum,IL | LumiGEN™ plus ILeVO |
| Lum,Lu,IL | LumiGEN™, Lumisena™, ILeVO |
| PV,IL,OB | Poncho®/Votivo®, ILeVO, Obvius Plus |
| SFI | Stine XP F&I |
| Untreated | No seed treatment |

* Seed treatments may include unspecified plant health promoting components.