

Test by: NewVenture, LLC Ellendale, MN

2025 Soybeans Top 30 Harvest Report

Iowa North [IANO] KLEMME, IA

Brent Renner, Cerro Gordo County, IA

| | |
|---------------------------------|---|
| All-Season Test | Maturity Group 1.6 - 2.5 S2025IANO01 |
| Top 30 of 48 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Corn / Staunch, Atrazine, Impact |
| SOIL DESCRIPTION: | Clarion loam, mod. well drained, non-irrigated |
| SOIL CONDITION: | 6.06 pH, 4.63% OM, 7.25 CEC, high P, high K, low S, mod. B, high Zn |
| TILLAGE/CULTIVATION: | No-Till |
| PEST MANAGEMENT: | Liberty, Enlist |
| Applied N-P-K (units): | 0-0-100 |
| SEEDED - RATE - ROW: | May 8 140.0 /A 30" spacing |
| HARVESTED - STAND: | Oct 13 124.6 /A |
| PEST & DISEASE RISK: | SDS, Brown Stem Rot* |

TEST COMMENTS:

Early-season moisture has been the story for the northern portion of Iowa this season. Klemme saw 6.6" of rain above their historical average, with 12.3" more rain in June and July than normal. This plot made it through the early moisture and produced a uniform site. An accidental application of Enlist resulted in the termination of the XtendFlex entries at this plot. Due to this, the test will be excluded from the region summary. Thank you to Brent for hosting.

| Company/Brand | Product/Brand | Technol.† | RM | SCN Resist. | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|---------------|---------------|-----------|-----|-------------|--------------|------------|-----------|----------------|----------------------|------|
| NuTech | 17N02E ↗ | E3 | 1.7 | PK | 67.5 | 8.8 | 1 | 126.0 | 648 | 1 |
| Genesis | G2090E ↗ | E3 | 2.0 | PK | 66.1 | 9.2 | 0 | 121.3 | 635 | 2 |
| NuTech | 25N05E ↗ | E3 | 2.5 | PK | 66.1 | 8.6 | 0 | 126.0 | 635 | 3 |
| Genesis | G2480E ↗ | E3 | 2.4 | M | 63.9 | 9.0 | 0 | 126.0 | 613 | 4 |
| NuTech | 21N09E ↗ | E3 | 2.1 | PK | 63.7 | 9.0 | 0 | 126.0 | 612 | 5 |
| P3 Genetics | 2523E ↗ | E3 | 2.3 | PK | 63.6 | 8.9 | 0 | 126.0 | 611 | 6 |
| NuTech | 22N04E ↗ | E3 | 2.2 | PK | 63.2 | 9.6 | 1 | 126.0 | 607 | 7 |
| Xitavo | XO 2075E ↗ | E3 | 2.0 | PK | 62.7 | 9.0 | 0 | 124.7 | 602 | 8 |
| Xitavo | XO 2206E ↗ | E3 | 2.2 | M | 62.5 | 9.7 | 0 | 124.0 | 600 | 9 |
| Apex | AE1960 ↗ | E3 | 1.9 | M | 62.4 | 9.2 | 1 | 126.0 | 599 | 10 |
| Genesis | G2570ES ↗ | E3,ST | 2.5 | M | 61.3 | 8.8 | 4 | 126.0 | 588 | 11 |
| Apex | AE2560 ↗ | E3 | 2.5 | PK | 61.0 | 8.8 | 2 | 126.0 | 586 | 12 |
| Pioneer | P17Z39E GC ↗ | E3 | 1.7 | PK | 60.6 | 9.0 | 0 | 126.0 | 582 | 13 |
| FS HiSOY | HS 18E30 ↗ | E3 | 1.8 | PK | 60.4 | 9.0 | 2 | 123.3 | 580 | 14 |
| Apex | AE2050 ↗ | E3 | 2.0 | PK | 60.1 | 9.0 | 1 | 124.7 | 577 | 15 |
| Xitavo | XO 1776E ↗ | E3 | 1.7 | M | 59.7 | 8.9 | 0 | 122.0 | 573 | 16 |
| Jacobsen | J2644E3 ↗ | E3 | 2.5 | M | 59.6 | 9.2 | 2 | 126.0 | 572 | 17 |
| NuTech | 20N06E ↗ | E3 | 2.0 | M | 59.5 | 9.2 | 0 | 121.7 | 571 | 18 |
| Xitavo | XO 2366E ↗ | E3 | 2.3 | M | 59.3 | 8.7 | 0 | 121.7 | 569 | 19 |
| FS HiSOY | HS 23E40 ↗ | E3 | 2.3 | PK | 59.2 | 9.1 | 1 | 124.7 | 568 | 20 |
| P3 Genetics | 2520E ↗ | E3 | 2.0 | PK | 59.2 | 9.1 | 0 | 124.7 | 568 | 21 |
| Xitavo | XO 2556E ↗ | E3 | 2.5 | PK | 58.4 | 8.7 | 0 | 126.0 | 561 | 22 |
| P3 Genetics | 2218E ↗ | E3 | 1.8 | M | 58.2 | 9.3 | 2 | 122.0 | 559 | 23 |
| Pioneer | P21Z71E GC ↗ | E3 | 2.1 | PK | 57.5 | 9.0 | 0 | 124.0 | 552 | 24 |
| Jacobsen | J2295E3 ↗ | E3 | 2.2 | M | 57.2 | 8.9 | 0 | 124.0 | 549 | 25 |
| Genesis | G1690E ↗ | E3 | 1.6 | M | 57.1 | 9.2 | 1 | 126.0 | 548 | 26 |
| Xitavo | XO 1986E ↗ | E3 | 1.9 | M | 56.9 | 9.0 | 0 | 124.0 | 546 | 27 |
| Stine | 22EG02 GC ↗ | E3 | 2.2 | M | 56.8 | 9.1 | 0 | 126.0 | 545 | 28 |
| Apex | AE2360 ↗ | E3 | 2.3 | M | 56.7 | 9.1 | 2 | 126.0 | 544 | 29 |
| FS HiSOY | HS 25E30 ↗ | E3 | 2.5 | PK | 56.2 | 8.8 | 0 | 126.0 | 540 | 30 |

Averages = **57.5** **9.1** **1** **124.6** **505**

LSD (0.10) = 4.8 ns 2

LSD (0.25) = 2.5 ns 1

C.V. = 8.0

Ed Dahle

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Historic yield: new site

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.035

Prices: GMO = \$9.60

Report Date: 10/13/2025

† 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. *[Earthoptics](#) used for soil conditions and soil-borne disease & pest risks. ↗ Links to full product yield results at www.firstseedtests.com.

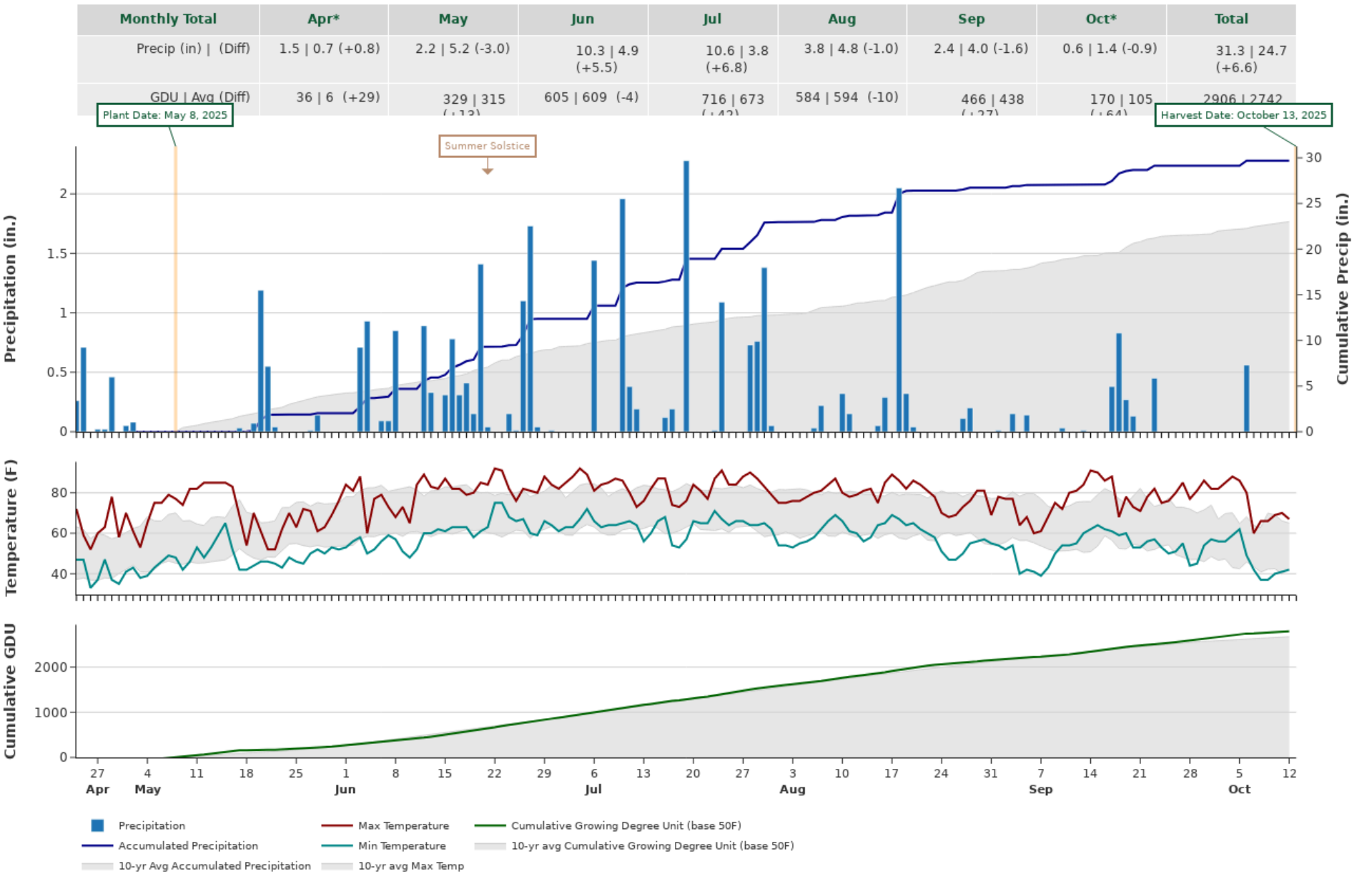
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Additional reports available at www.firstseedtests.com

2025 Soybeans - Iowa North [IANO]

Weather Conditions Summary at KLEMME, IA

Weather Data Retrieved: 10/13/2025

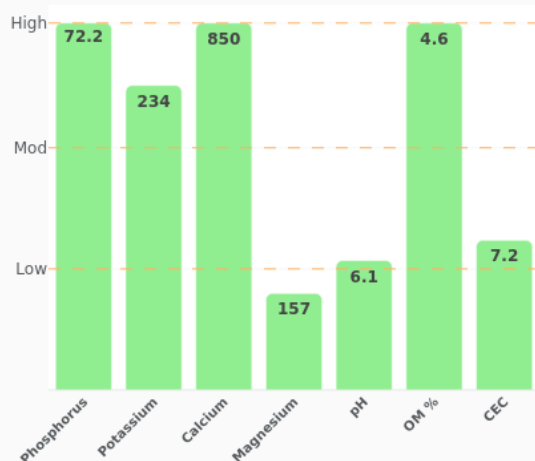


* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

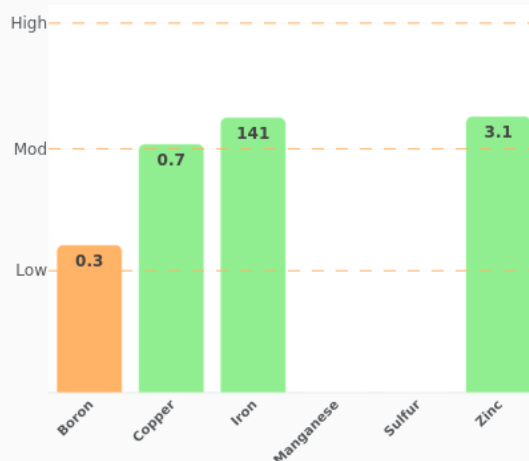
Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.



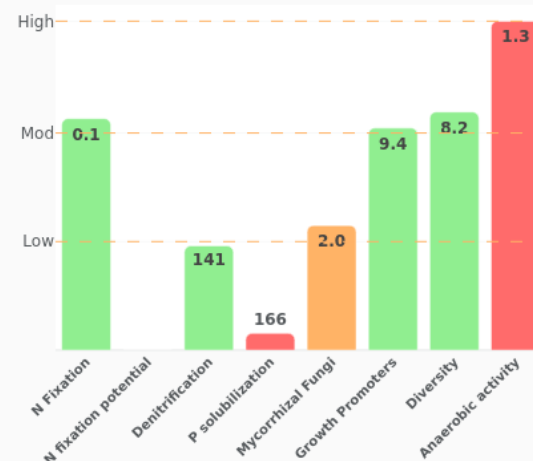
Macronutrients



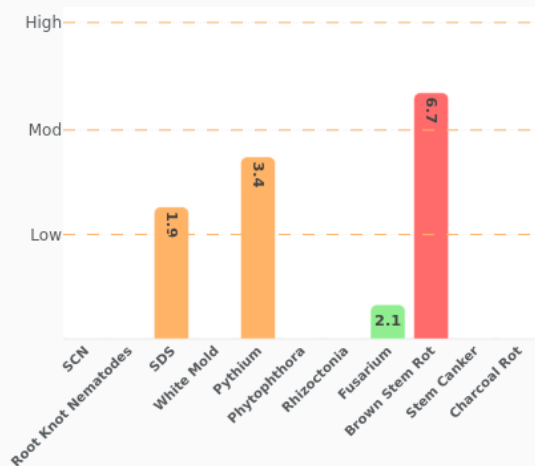
Micronutrients



Biofertility Analytics



Below Ground Pest & Disease - Soybeans



Above Ground Pest & Disease - Soybeans



More Information

You can find more information about the EarthOptics and soil analytics reported at the following links:

- [Reported Analytics Descriptions](#)
- [Soil Nutrients & Fertility](#)
- [Analytics & Insights](#)
- [EarthOptics](#)

2025 Soybeans - Iowa North [IANO]

All-Season Test Products (48 Total)

| Company/Brand | Product/Brand | Technology | SCN | RM | Seed Treat. |
|---------------|---------------|------------|-----|-----|---------------|
| Alloy | A21E34 | E3 | M | 2.1 | ACi,IL |
| Apex | AE1960 | E3 | M | 1.9 | CMB-APX,SA |
| Apex | AE2050 | E3 | PK | 2.0 | CMB-APX,SA |
| Apex | AE2360 | E3 | M | 2.3 | CMB-APX,SA |
| Apex | AE2560 | E3 | PK | 2.5 | CMB-APX,SA |
| Dak-Sota | DE5617 | E3 | M | 1.7 | TFI |
| FS HiSOY | HS 18E30 | E3 | PK | 1.8 | ACi,SA |
| FS HiSOY | HS 18F40 | RXF | M | 1.8 | ACi,SA |
| FS HiSOY | HS 20E40 | E3 | M | 2.0 | ACi,SA |
| FS HiSOY | HS 22F40 | RXF | M | 2.2 | ACi,SA |
| FS HiSOY | HS 23E40 | E3 | PK | 2.3 | ACi,SA |
| FS HiSOY | HS 24F40 | RXF | M | 2.4 | ACi,SA |
| FS HiSOY | HS 25E30 | E3 | PK | 2.5 | ACi,SA |
| Genesis | G1690E | E3 | M | 1.6 | EcTC |
| Genesis | G1760E | E3 | M | 1.7 | EcTC |
| Genesis | G1980E | E3 | PK | 1.9 | EcTC |
| Genesis | G2090E | E3 | PK | 2.0 | EcTC,SA |
| Genesis | G2300E | E3 | M | 2.3 | EcTC,SA |
| Genesis | G2480E | E3 | M | 2.4 | EcTC,SA |
| Genesis | G2570ES | E3,ST | M | 2.5 | EcTC,SA |
| Jacobsen | J1685E3 | E3 | M | 1.6 | CMB-APX,SA |
| Jacobsen | J1942E3 | E3 | PK | 1.9 | ACi,IL |
| Jacobsen | J2295E3 | E3 | M | 2.2 | Treated |
| Jacobsen | J2324E3 | E3 | PK | 2.3 | F,I |
| Jacobsen | J2473E3 | E3 | M | 2.4 | Treated |
| Jacobsen | J2644E3 | E3 | M | 2.5 | F,I |
| Loyal | L1860E | E3 | PK | 1.8 | Treated |
| Loyal | L2070E | E3 | PK | 2.0 | Treated |
| Loyal | L2370E | E3 | PK | 2.3 | Treated |
| NuTech | 17N02E | E3 | PK | 1.7 | Lum, LumT, IL |
| NuTech | 20N06E | E3 | M | 2.0 | Lum, LumT, IL |
| NuTech | 21N09E | E3 | PK | 2.1 | Lum, LumT, IL |
| NuTech | 22N04E | E3 | PK | 2.2 | Lum, LumT, IL |
| NuTech | 25N05E | E3 | PK | 2.5 | Lum, LumT, IL |
| P3 Genetics | 2218E | E3 | M | 1.8 | PG+ |
| P3 Genetics | 2419E | E3 | PK | 1.9 | PG+ |

| Company/Brand | Brand/Product | Technology | SCN | RM | Seed Treat. |
|---------------|---------------|------------|-----|-----|--------------|
| P3 Genetics | 2520E | E3 | PK | 2.0 | PG+ |
| P3 Genetics | 2523E | E3 | PK | 2.3 | PG+ |
| Pioneer | P17Z39E | E3 | PK | 1.7 | Untreated |
| Pioneer | P21Z71E | E3 | PK | 2.1 | Untreated |
| Stine | 22EG02 | E3 | M | 2.2 | SFI |
| Thunder | TX8618N | RXF | M | 1.8 | TFI |
| Xitavo | XO 1776E | E3 | M | 1.7 | PV,IL,OB,Rey |
| Xitavo | XO 1986E | E3 | M | 1.9 | PV,IL,OB,Rey |
| Xitavo | XO 2075E | E3 | PK | 2.0 | PV,IL,OB,Rey |
| Xitavo | XO 2206E | E3 | M | 2.2 | PV,IL,OB,Rey |
| Xitavo | XO 2366E | E3 | M | 2.3 | PV,IL,OB,Rey |
| Xitavo | XO 2556E | E3 | PK | 2.5 | PV,IL,OB,Rey |

* 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. |

Soybean Cyst Nematode (SCN) Resistance Source or Rating

Note: Source of SCN resistance used when available, otherwise older susceptibility ratings are reported.

| | |
|----|---------------------|
| M | PI 88788 (MR) |
| PK | Peking (R) |
| H | Hartwig (R) |
| B | Blend (PK + M) |
| MR | moderate resistance |
| R | resistant |
| S | susceptible |
| NA | info unavailable |

Soybeans Technologies

| | |
|-----|-----------------------|
| E3 | Enlist E3® |
| RXF | XtendFlex® |
| ST | Sulfonylurea tolerant |

Soybeans Seed Treatments*

| | |
|---------------|---|
| ACi,IL | Acceleron® Standard Insecticide-Fungicide, ILeVO |
| ACi,SA | Acceleron® Standard Insecticide-Fungicide, Saltro® |
| CMB-APX,SA | CruiserMaxx® APX with Saltro® |
| EcTC | Eclipse US Total Coverage Trio IM, N-Force |
| EcTC,SA | Eclipse US Total Coverage Trio IM, N-Force, Saltro® |
| F,I | Fungicide, Insecticide |
| Lum, LumT, IL | LumiGEN™, LumiTreo, ILEVO |
| PG+ | Profit Guard + |
| PV,IL,OB,Rey | Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya® |
| SFI | Stine XP F&I |
| TFI | ThunderStruck F&I (Thunder Seed Inc.) |
| Treated | Treated, unspecified |
| Untreated | No seed treatment |

* Seed treatments may include unspecified plant health promoting components.