

Test by: M&D Seed Research, LLC Van Buren, IN

2020 Soybeans Top 30 Harvest Report

Indiana North [INNO] HOWE, IN
David Larimer, LaGrange County, IN

| | |
|-------------------------------|--|
| All-Season Test | 2.4 - 3.4 Day CRM S2020INNO08 |
| Top 30 of 62 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Corn / NA |
| SOIL DESCRIPTION: | Shipshe sandy loam, well drained, irrigated |
| SOIL CONDITION: | very high P, medium K, 6.7 pH, 3.6% OM, 15.9 CEC |
| TILLAGE/CULTIVATION: | Conventional W/ Fall Till |
| PEST MANAGEMENT: | Duel Liberty Fb Flexstar |
| Applied N-P-K (units): | 32-0-0 |
| SEEDED - RATE - ROW: | Jun 2 140.0 /A 30" spacing |
| HARVESTED - STAND: | Oct 16 88.3 /A |

TEST COMMENTS:

Planting went well in good soil conditions. There was good emergence, though stand counts were a bit thin. This site is on an irrigated sandy soil, and it had plenty of moisture. Weed control was good. The seed size was large at harvest, and the plants seemed to use their space to fill pods and had nice yields.

| Company/Brand | Product/Brand | Technol.† | RM | SCN Resist. | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|---------------|-----------|-----|-------------|--------------|------------|-----------|----------------|----------------------|------|
| GOLDEN HARVEST | GH2552X | RRX | 2.5 | MR | 74.4 | 10.7 | 4 | 85.7 | 759 | 1 |
| WYCKOFF | W2521 E3 | E3 | 2.5 | R | 71.8 | 10.6 | 4 | 83.7 | 732 | 2 |
| DYNA-GRO | S27EN89 | E3 | 2.7 | R | 71.7 | 10.7 | 7 | 106.7 | 731 | 3 |
| DYNA-GRO | S31GL41 | LLGT27 | 3.1 | R | 69.4 | 11.0 | 10 | 87.3 | 708 | 4 |
| WYCKOFF | W2819E3 | E3 | 2.8 | R | 69.3 | 10.7 | 7 | 102.3 | 707 | 5 |
| LOCAL SEED | LS3005E3 | E3 | 3.0 | R | 68.9 | 10.6 | 6 | 81.7 | 703 | 6 |
| DAIRYLAND | DSR-2844E | E3 | 2.8 | R | 68.7 | 10.5 | 7 | 89.0 | 701 | 7 |
| FS HISOY | HS 27X90 | RRX | 2.7 | R | 68.6 | 10.7 | 6 | 91.0 | 700 | 8 |
| EBBERTS | 351R2X | RRX | 3.4 | R | 68.3 | 10.6 | 6 | 97.0 | 697 | 9 |
| FS HISOY | HS 34X60 | RRX | 3.4 | R | 67.8 | 10.9 | 4 | 95.0 | 692 | 10 |
| LOCAL SEED | ZS2898GL | LLGT27 | 2.8 | R | 67.5 | 10.6 | 10 | 83.3 | 688 | 11 |
| DYNA-GRO | S28XT58 | RRX | 2.8 | R | 66.9 | 10.4 | 7 | 98.7 | 682 | 12 |
| EBBERTS | E3540 E3 | E3 | 3.4 | R | 66.7 | 11.2 | 6 | 102.7 | 680 | 13 |
| DAIRYLAND | DSR-2999E | E3 | 2.9 | R | 66.2 | 10.6 | 4 | 85.3 | 675 | 14 |
| FS HISOY | HS 32E00 | E3 | 3.2 | R | 66.1 | 11.1 | 10 | 89.3 | 674 | 15 |
| DAIRYLAND | DSR-3256E | E3 | 3.2 | R | 66.1 | 10.7 | 6 | 83.3 | 674 | 16 |
| DONMARIO | DM 31X61 | RRX | 3.1 | R | 65.8 | 10.8 | 8 | 75.7 | 671 | 17 |
| STINE | 33EC02 § | E3 | 3.3 | R | 65.2 | 11.1 | 11 | 75.3 | 665 | 18 |
| GOLDEN HARVEST | GH2818E3 § | E3 | 2.8 | MR | 65.0 | 10.7 | 7 | 100.7 | 663 | 19 |
| NK BRAND | S31-Y2X § | RRX | 3.1 | R | 64.9 | 10.5 | 6 | 85.3 | 662 | 20 |
| STINE | 28EA02 § | E3 | 2.8 | NA | 64.8 | 10.7 | 10 | 81.3 | 661 | 21 |
| FS HISOY | HS 30X00 | RRX | 3.0 | R | 64.8 | 10.6 | 10 | 96.7 | 661 | 22 |
| FS HISOY | HS 25E00 | E3 | 2.5 | R | 64.7 | 10.4 | 6 | 102.7 | 660 | 23 |
| ASGROW | AG33X0 § | RRX | 3.3 | R | 64.6 | 10.7 | 4 | 91.3 | 659 | 24 |
| PARTNERS BRAND | PB3419E3 | E3 | 3.4 | MR | 64.3 | 11.4 | 11 | 89.3 | 656 | 25 |
| DAIRYLAND | DSR-3365E | E3 | 3.3 | R | 64.1 | 10.9 | 6 | 106.3 | 654 | 26 |
| DAIRYLAND | DSR-2590E | E3 | 2.5 | R | 64.0 | 10.4 | 6 | 89.0 | 653 | 27 |
| EBBERTS | 301R2X | RRX | 3.0 | NA | 63.7 | 10.6 | 10 | 89.0 | 650 | 28 |
| WYCKOFF | W3621 E3 | E3 | 3.4 | R | 63.6 | 11.2 | 10 | 100.7 | 649 | 29 |
| WYCKOFF | W2606CX2 | RRX,ST | 2.6 | R | 63.6 | 10.5 | 8 | 100.7 | 649 | 30 |

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Averages = **62.7** **10.8** **8** **88.3** **640**

LSD (0.10) = 7.3 0.2 ns

LSD (0.25) = 3.8 0.1 ns

C.V. = 11.1

Historic yield: 64.0 bu/a, 8 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$10.20; non-GMO = \$11.00

Report Date: 10/23/2020

Additional reports available at www.firstseedtests.com

† 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

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2020 Soybeans - Indiana North [INNO]

All-Season Test Products (62 Total)

| Company/Brand | Product/Brand | Technology | SCN | RM | Seed Treat. |
|----------------|---------------|------------|-----|-----|-------------|
| ASGROW | AG27X0 § | RRX | R | 2.7 | ACi,IL |
| ASGROW | AG33X0 § | RRX | R | 3.3 | ACi,IL |
| CREDENZ | CZ 2760GTLL | LLGT27 | R | 2.7 | PV,IL,OB |
| CREDENZ | CZ 3099GTLL | LLGT27 | R | 3.0 | PV,IL,OB |
| DAIRYLAND | DSR-2555E | E3 | R | 2.5 | Lum,Lu,IL |
| DAIRYLAND | DSR-2590E | E3 | R | 2.5 | Lum,Lu,IL |
| DAIRYLAND | DSR-2640E | E3 | R | 2.6 | Lum,Lu,IL |
| DAIRYLAND | DSR-2844E | E3 | R | 2.8 | Lum,Lu,IL |
| DAIRYLAND | DSR-2999E | E3 | R | 2.9 | Lum,Lu,IL |
| DAIRYLAND | DSR-3146E | E3 | R | 3.1 | Lum,Lu,IL |
| DAIRYLAND | DSR-3256E | E3 | R | 3.2 | Lum,Lu,IL |
| DAIRYLAND | DSR-3365E | E3 | R | 3.3 | Lum,Lu,IL |
| DONMARIO | DM 31X61 | RRX | R | 3.1 | CMBV,SA |
| DYNA-GRO | S27EN89 | E3 | R | 2.7 | EQV,SA |
| DYNA-GRO | S28XT58 | RRX | R | 2.8 | EQV,SA |
| DYNA-GRO | S31EN91 | E3 | R | 3.1 | EQV,SA |
| DYNA-GRO | S31GL41 | LLGT27 | R | 3.1 | EQV,SA |
| DYNA-GRO | S32EN01 | E3 | R | 3.2 | EQV,SA |
| DYNA-GRO | S32XS71 | RRX,ST | MR | 3.2 | EQV,SA |
| EBBERTS | 301R2X | RRX | NA | 3.0 | IS,Ri |
| EBBERTS | 330R2X | RRX | R | 3.3 | IS,Ri |
| EBBERTS | 351R2X | RRX | R | 3.4 | IS,Ri |
| EBBERTS | E3151 E3 | E3 | NA | 3.1 | IS,Ri |
| EBBERTS | E3350 E3 | E3 | R | 3.3 | IS,Ri |
| EBBERTS | E3540 E3 | E3 | R | 3.4 | IS,Ri |
| FS HISOY | HS 24X80 | RRX | R | 2.4 | ACi,SA |
| FS HISOY | HS 25E00 | E3 | R | 2.5 | ACi,SA |
| FS HISOY | HS 27X90 | RRX | R | 2.7 | ACi,SA |
| FS HISOY | HS 28X70 | RRX | R | 2.8 | ACi,SA |
| FS HISOY | HS 30X00 | RRX | R | 3.0 | ACi,SA |
| FS HISOY | HS 32E00 | E3 | R | 3.2 | ACi,SA |
| FS HISOY | HS 32X90 | RRX | R | 3.2 | ACi,SA |
| FS HISOY | HS 34X60 | RRX | R | 3.4 | ACi,SA |
| GOLDEN HARVEST | GH2552X | RRX | MR | 2.5 | CMBV,SA |
| GOLDEN HARVEST | GH2818E3 § | E3 | MR | 2.8 | CMBV,SA |
| GOLDEN HARVEST | GH3088X | RRX | R | 3.0 | CMBV,SA |

| Company/Brand | Brand/Product | Technology | RM | SCN | Seed Treat. |
|----------------|---------------|------------|----|-----|-------------|
| GOLDEN HARVEST | GH3475X | RRX | R | 3.4 | CMBV,SA |
| LOCAL SEED | LS3005E3 | E3 | R | 3.0 | RP |
| LOCAL SEED | LS3205GL | LLGT27 | R | 3.2 | RP |
| LOCAL SEED | LS3207XS | RRX,ST | R | 3.2 | RP |
| LOCAL SEED | ZS2898GL | LLGT27 | R | 2.8 | RP |
| LOCAL SEED | ZS3496GL | LLGT27 | R | 3.4 | RP |
| NK BRAND | S28-E3 | E3 | MR | 2.8 | CMBV,SA |
| NK BRAND | S31-E3S § | E3,ST | MR | 3.1 | CMBV,SA |
| NK BRAND | S31-Y2X § | RRX | R | 3.1 | CMBV,SA |
| NK BRAND | S33-2E3 | E3 | NA | 3.3 | CMBV,SA |
| PARTNERS BRAND | PB2921E3 | E3 | MR | 2.9 | A2020 |
| PARTNERS BRAND | PB3321E3 | E3 | MR | 3.3 | A2020 |
| PARTNERS BRAND | PB3419E3 | E3 | MR | 3.4 | A2020 |
| PIONEER | P28A42X § | RRX | NA | 2.8 | Untreated |
| PIONEER | P33A24X § | RRX | R | 3.3 | Untreated |
| STINE | 24EA12 § | E3 | R | 2.4 | YPP,T |
| STINE | 28EA02 § | E3 | NA | 2.8 | YPP,T |
| STINE | 33EC02 § | E3 | R | 3.3 | YPP,T |
| WYCKOFF | W2521 E3 | E3 | R | 2.5 | WyK |
| WYCKOFF | W2606CX2 | RRX,ST | R | 2.6 | WyK |
| WYCKOFF | W2704PX2 | RRX | R | 2.8 | WyK |
| WYCKOFF | W2819E3 | E3 | R | 2.8 | WyK |
| WYCKOFF | W3121 E3 | E3 | R | 3.1 | WyK |
| WYCKOFF | W3306CX2 | RRX,ST | R | 3.3 | WyK |
| WYCKOFF | W3321 E3 | E3 | R | 3.3 | WyK |
| WYCKOFF | W3621 E3 | E3 | R | 3.4 | WyK |

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 |
| LLGT27 | LibertyLink® GT27® |
| RRX | Roundup Ready 2 Xtend® |
| ST | Sulfonylurea tolerant |

Soybeans Seed Treatments**

| | |
|-----------|--|
| NA | Not Available |
| A2020 | Alert 2020 (Partners Brand Seed) |
| ACi,IL | Acceleron Standard Insecticide-Fungicide, ILeVO |
| ACi,SA | Acceleron Standard fungicide + insecticide, Saltro |
| CMBV,SA | Cruisermaxx, Vibrance, Saltro |
| EQV,SA | Equity VIP, Saltro |
| IS,Ri | Intego Suite, Rizolex |
| Lum,Lu,IL | Lumigen, Lumisena™, ILeVO |
| PV,IL,OB | Poncho®/Votivo®, ILeVO, Obvius Plus |
| RP | Radius Premium (Local Seed Co) |
| Untreated | No seed treatment |
| WyK | WyckOAT fueled by Soy-Defense (Wyckoff Hybrids) |
| YPP,T | YP Pro™, Trilex® |

** Seed treatments may include unspecified plant health promoting components.