

Minnesota South Central [MNSC] Soybean Farmer Members

Cannon Falls, MN



Jeff Beckman

Madison Lake, MN



Mike Krenik

Nerstrand, MN



Kurt Schrader

Wabasso, MN



Leon Plaetz



Test Site Soybean Yield History

| Location | Soybean Yield (bu/A) | |
|------------------|----------------------|----------|
| | Average | # years |
| Cannon Falls, MN | -- | new site |
| Madison Lake, MN | 55.2 | 11 |
| Nerstrand, MN | 57.2 | 1 |
| Wabasso, MN | 53.0 | 11 |



MNSC Soybean Entries - 2018

| Test | Company/Brand | Product/Brand* | Technology* | SCN* | Seed Trmt* | Mat. | |
|-------|----------------|----------------|-------------|------|------------|---------|-----|
| MNSCa | AgriGold | G1502RX GC | RRX | R | ASfi,IL | 1.5 | |
| | | G1710RX GC | RRX | R | ASfi,IL | 1.7 | |
| | Anderson | 159RXT | RRX | MR | None | 1.5 | |
| | | 168RXT | RRX | MR | None | 1.6 | |
| | | 188RXT | RRX | MR | None | 1.8 | |
| | Asgrow | AG17X8 GC | RRX | R | AC,PV | 1.7 | |
| | Dairyland | DSR-1526/R2Y | RR2Y | R | CMB | 1.5 | |
| | | DSR-1721/R2Y | RR2Y | R | CMB | 1.7 | |
| | | DSR-1870/R2Y | RR2Y | R | CMB | 1.8 | |
| | Dyna-Gro | S16XT58 | RRX | R | EQV,CI | 1.6 | |
| | | S18XT38 | RRX | MR | EQV,CI | 1.8 | |
| | | SX18716XT | RRX | R | EQV,CI | 1.6 | |
| | Federal | F1690NR2X | RRX | R | None | 1.6 | |
| | | F1880NR2X | RRX | R | None | 1.8 | |
| | | F195NRR2Y | RR2Y | R | None | 1.9 | |
| | Golden Harvest | GH1852X | RRX | R | CCB,Me | 1.8 | |
| | Hefty | H16X8 | RRX | MR | DST | 1.6 | |
| | | H17X9 | RRX | MR | DST | 1.7 | |
| | | H18X8 | RRX | MR | DST | 1.8 | |
| | Latham | L1748R2 | RR2Y | R | SS,IL | 1.7 | |
| | | L1769R2X | RRX | R | SS+ | 1.7 | |
| | | L1845R2X | RRX | MR | SS | 1.8 | |
| | | L1858R2 | RR2Y | R | SS+ | 1.8 | |
| | LG Seeds | C1838RX | RRX | R | ASfi,IL | 1.8 | |
| | | LGS1575RX | RRX | R | ASfi,IL | 1.5 | |
| | NK Brand | S18-G4X § | RRX | R | None | 1.8 | |
| | | S18-H3X | RRX | R | CCB,Me | 1.8 | |
| | NorthStar | NS 61624NXR2 | RRX | MR | CCB | 1.6 | |
| | NuTech | 7198 CK | RR | R | None | 1.9 | |
| | Pioneer | P15T46R2 § | RR2Y | R | None | 1.5 | |
| | | P16A35X § | RRX | R | None | 1.6 | |
| | Prairie Brand | PB-1566R2 | RR2Y | R | CMB | 1.6 | |
| | Proseed | XT71-40 | RRX | R | CMB | 1.4 | |
| | Renk | RS149NX | RRX | R | EcTC | 1.4 | |
| | | RS169NX | RRX | R | EcTC | 1.6 | |
| | | RS188NX | RRX | R | EcTC | 1.8 | |
| | Thunder | 3914R2YN GC | RR2Y | R | Ret | 1.4 | |
| | | SB8814N GC | RRX | R | Ret | 1.4 | |
| | | SB8818N GC | RRX | R | Ret | 1.8 | |
| | | SB8916N GC | RRX | R | Ret | 1.6 | |
| | Titan Pro | TP 16X77 | RRX | MR | None | 1.6 | |
| | | TP 18X97 | RRX | MR | IL,PV | 1.8 | |
| | MNSCb | AgriGold | G1990RX GC | RRX | R | ASfi,IL | 1.9 |
| | | | G2105RX GC | RRX | R | ASfi,IL | 2.1 |
| | | | G2250RX GC | RRX | R | ASfi,IL | 2.2 |
| | | Anderson | 217RXT | RRX | MR | None | 2.0 |



MNSC Soybean Entries - 2018

| Test | Company/Brand | Product/Brand* | Technology* | SCN* | Seed Trmt* | Mat. |
|----------------------|----------------|-----------------|-------------|-------|------------|------|
| MNSCb (continued) | Asgrow | AG19X8 § | RRX | R | AC,PV | 1.9 |
| | | AG20X7 § | RRX | R | AC,PV | 2.0 |
| | | AG21X7 § | RRX | R | AC,PV | 2.1 |
| | Dairyland | DSR-1950/R2Y | RR2Y | R | CMB | 1.9 |
| | | DSR-2062/R2Y GC | RR | R | None | 2.2 |
| | | DSR-2110/R2Y | RR2Y | R | CMB | 2.1 |
| | | DSR-2197/R2Y | RR2Y | R | CMB | 2.1 |
| | Dyna-Gro | S21XT49 | RRX | R | EQV,CI | 2.1 |
| | | SX18822XP | RRX | R | EQV,CI | 2.2 |
| | Federal | F2190NR2X | RRX | R | None | 2.1 |
| | | F2280NR2X | RRX | R | None | 2.2 |
| | | F2290NR2X | RRX | R | None | 2.2 |
| | Golden Harvest | GH1915X | RRX | R | CCB,Me | 1.9 |
| | | GH2230X | RRX | R | CCB,Me | 2.2 |
| | Hefty | H20X7 | RRX | MR | DST | 2.0 |
| | | H21X9 | RRX | MR | DST | 2.1 |
| | | H22X8 | RRX | MR | DST | 2.2 |
| | Latham | L2084R2 | RR2Y | R | SS+ | 2.0 |
| | | L2228R2 | RR2Y | R | SS+ | 2.2 |
| | | L2239R2X | RRX | R | SS+ | 2.2 |
| | | L2295R2X | RRX | R | SS+ | 2.2 |
| | LG Seeds | LGS2007RX | RRX | R | ASfi,IL | 2.0 |
| | NK Brand | S20-J5X § | RRX | R | CCB,Me | 2.0 |
| | | S21-W8X § | RRX | R | CCB,Me | 2.1 |
| | NorthStar | NS 1911NR2 | RR2Y | MR | CCB | 1.9 |
| | NuTech | 7198 CK | RR | R | None | 1.9 |
| | Pfister | 20R23 | RR2Y | R | CCB | 2.0 |
| | Pioneer | P19A14X GC | RRX | R | None | 1.9 |
| | | P22T73R § | RR | R | None | 2.2 |
| | Renk | RS207NX | RRX | R | EcTC | 2.0 |
| | | RS213NR2 | RR2Y | R | EcTC | 2.1 |
| | | RS219NX | RRX | R | EcTC | 2.1 |
| | Stine | 19BA23 GC | G27 | R | None | 2.0 |
| 19RF32 § | | RR2Y | R | SF | 1.9 | |
| 20RD20 § | | RR2Y | R | SF | 2.0 | |
| 21RI32 § | | RR2Y | R | SF | 2.1 | |
| Titan Pro | TP 20X98 | RRX | MR | IL,PV | 2.0 | |
| | TP 22X68 | RRX | MR | None | 2.2 | |



Brand Identifiers:

^ Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.

§ = United Soybean Board sponsored entry

CK = check variety included in early- and full-season tests

GC = grower comparison product, FIRST entered when space permits

Technology Abbreviations

| | |
|------|---------------------------------|
| G27 | GT27™ |
| LL | LibertyLink® |
| None | Conventional, non-GMO |
| RR | Glyphosate tolerant |
| RR2Y | Genuity® Roundup Ready 2 Yield® |
| RRX | Roundup Ready 2 Xtend® |
| ST | Sulfonylurea herbicide tolerant |

Soybean Cyst Nematode Abbreviations

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

Seed Treatment Abbreviations*

| | | | |
|-------|---|------|----------------------------------|
| ? | Information not provided | Gr+ | Great Start™ Max Plus |
| A2020 | Alert 2020™ | I | insecticide |
| AC | Acceleron® fungicide products | IL | ILeVO® |
| ACi | Acceleron® fungicide and insecticide products | In | Intego™ Solo |
| AM | ApronMaxx® | IS | Intego™ Suite |
| ASfi | AgriShield® F+I | Lu | Lumisena™ |
| AVB | Avicta® Complete Beans | Me | Mertect® |
| AVBV | Avicta® Complete Beans with Vibrance | None | untreated |
| BB | Buckeye Boost ST | Pd | proTect D™ |
| CCB | Clariva™ Complete Beans | PG+ | Profit Guard +™ |
| CI | Clariva™ pn | PS | MAS Pro-Shield |
| CMB | CruiserMaxx® Beans | PV | Poncho®/Votivo® |
| CMBV | CruiserMaxx® Beans with Vibrance | R | Redigo™ |
| DPHB | DPH Boost® | Ret | Revize® SB+T |
| DST | Dominance™ ST | Ri | Rizolex™ |
| DX | Defend™ Extra | SF | Stine XP F |
| EcTC | Eclipse™ US Total coverage | SFI | Stine XP fungicide & insecticide |
| EE | Evergol™ Energy | SS | Soyshield™ |
| EL | Elevate™ F+I | SS+ | Soyshield Plus™ |
| EL+ | Elevate™ Plus | TE | Trius Elite™ |
| En | Encase® | TT | Turbo Treat™ |
| EQV | Equity® VIP | W | Warden® CX |
| Es | Escalate™ | Wr | Warden® RTA |
| F | fungicide | YPP | YP Pro™ |
| G | Gaicho® | | |

* Seed treatments may include unspecified plant health promoting components.

Test Identifiers

Region code followed by:

"a" - early-season test

"b" - full-season test