

2017 NDSU Roundup Ready Soybean Iron-deficiency Chlorosis Trial - Author, T. Helms (Page 1 of 2).

| Company | Variety | IDC ¹ | Company | Variety | IDC ¹ | Company | Variety | IDC ¹ |
|-----------|---------------|------------------|-----------|---------------|------------------|-----------|--------------|------------------|
| REA | RX0228 | 1.5 | Channel | 0518R2X | 2.0 | Proseed | 40-50N | 2.1 |
| Channel | 0218R2X | 1.5 | Dairyland | DSR-0988/R2Y | 2.0 | Proseed | XT60-09 | 2.1 |
| Legend | 02R21 | 1.6 | Dyna-Gro | S01RY86 | 2.0 | Wensman | W10063NRX | 2.1 |
| Pioneer | P008T22R2 | 1.7 | Syngenta | NKS08-M2 | 2.0 | Dairyland | DSR-0305/R2Y | 2.1 |
| Dairyland | DSR-0418/R2Y | 1.7 | Northstar | NS 0072R2 | 2.0 | Channel | 0317R2X | 2.1 |
| Integra | 20468 | 1.7 | Legacy | LS-1134NRR2X | 2.0 | Hefty | H02R3 | 2.1 |
| Northstar | NS 60092XR2 | 1.7 | Mustang | 02356 | 2.0 | Legacy | LS-0635N RR2 | 2.1 |
| Nutech | 6048 | 1.7 | Peterson | 17X009 | 2.0 | Legend | 03R22 | 2.1 |
| Dyna-Gro | S03RY36 | 1.8 | Wensman | W1048NRX | 2.0 | Northstar | NS 60053XR2 | 2.1 |
| Legacy | LS-009X852N | 1.8 | Legend | 007X756N | 2.0 | Hefty | H03X7 | 2.1 |
| Dyna-Gro | SX17005XT | 1.8 | Channel | 00717R2X | 2.0 | Legacy | LS-00834RR2 | 2.1 |
| Prairie | PB-0578R2 | 1.8 | Dairyland | DSR-0807/R2Y | 2.0 | Legacy | LS-0438NRR2X | 2.1 |
| Thunder | Astro | 1.8 | G.Harvest | GH0391 | 2.0 | Legend | 04X765N | 2.1 |
| Thunder | SB87009 | 1.8 | Nutech | 6502 | 2.0 | Peterson | 16R01 | 2.1 |
| Legend | 04X765 | 1.8 | Peterson | 16R008N | 2.0 | Proseed | 30-20 | 2.1 |
| Wensman | W10042RX | 1.8 | Dyna-Gro | S006RY97 | 2.0 | Thunder | SB8703R2X | 2.1 |
| Legend | 01X850 | 1.8 | Dyna-Gro | S04XT77 | 2.0 | Hefty | H03X8 | 2.1 |
| NuTech | 7109 | 1.8 | Syngenta | GH0391 | 2.0 | Dairyland | DSR-0225/R2Y | 2.1 |
| Legacy | LS-00937 RR2X | 1.9 | Dairyland | DSR-0404/R2Y | 2.0 | Dahlman | 6703XN | 2.1 |
| Legend | 006R760N | 1.9 | Integra | 20617NR2Y | 2.0 | Legacy | LS-0214RR2 | 2.1 |
| Proseed | 70-08 XN | 1.9 | Legacy | LS-005X853 | 2.0 | Legacy | LS-1335NRR2 | 2.1 |
| REA | R00727 | 1.9 | Syngenta | NKS12-R3 | 2.0 | Mustang | 00X828 | 2.1 |
| Dahlman | 68008XN | 1.9 | Prairie | PB-0987R2 | 2.0 | Northstar | NS 60092XR2 | 2.1 |
| Syngenta | NKS03-G9 | 1.9 | Proseed | XT 60-40N | 2.0 | Northstar | NS 60393NXR2 | 2.1 |
| Northstar | NS 60082NXR2 | 1.9 | Dairyland | DST-0225/R2Y | 2.0 | Dyna-Gro | S009XT68 | 2.1 |
| NuTech | 6097R2 | 1.9 | Legacy | LS-00538NRR2X | 2.0 | Hefty | H007X7 | 2.1 |
| Thunder | 3503 R2Y | 1.9 | Legacy | LS-00737N RR2 | 2.0 | Hefty | H02X7 | 2.1 |
| Northstar | NS 0111R2 | 1.9 | Syngenta | NKS009-J1 | 2.0 | Integra | 20097 | 2.1 |
| Hefty | H009X7 | 1.9 | Northstar | NS 0081NR2 | 2.0 | Integra | 50069 | 2.1 |
| Legacy | LS-0135 RR2 | 1.9 | Northstar | NS 0480NR2 | 2.0 | Proseed | 40-07 | 2.1 |
| Peterson | 17X04N | 1.9 | Northstar | NS 60083NXR2 | 2.0 | Hefty | H005X8 | 2.1 |
| Proseed | 30-07 | 1.9 | Peterson | 18X008N | 2.0 | Legacy | LS-0337NRR2X | 2.1 |
| Thunder | SB88007N | 1.9 | Thunder | 3601 R2Y | 2.0 | Proseed | 50-60N | 2.1 |
| Wensman | W30099R2 | 1.9 | Integra | 20126 | 2.1 | Stine | 03RD66 | 2.1 |
| Legacy | LS-007X756N | 1.9 | Integra | 50098 | 2.1 | Dyna-Gro | S07RY45 | 2.1 |
| Legacy | LS-0538RR2X | 1.9 | Legend | 005X853 | 2.1 | Dyna-Gro | S12RY44 | 2.1 |
| Mustang | 00X698 | 1.9 | Northstar | NS 60513NXR2 | 2.1 | Dahlman | 67009X | 2.2 |
| Allegiant | 008X30N | 1.9 | Prairie | PB-0146R2 | 2.1 | Terning | TS4090NRR2Y | 2.2 |
| Syngenta | GH00866 | 1.9 | Prairie | PB-0397R2 | 2.1 | Allegiant | 01R80 | 2.2 |
| Dyna-Gro | S007XT27 | 1.9 | Pioneer | P007A90R | 2.1 | Dyna-Gro | S005RY87 | 2.2 |
| Legend | 009X852N | 1.9 | Proseed | 20-30 | 2.1 | Integra | 20215 | 2.2 |
| Mean | | 2.2 | Mean | | 2.2 | Mean | | 2.2 |
| LSD 0.05 | | 0.3 | LSD 0.05 | | 0.3 | LSD 0.05 | | 0.3 |
| CV | | 21.4 | CV | | 21.4 | CV | | 21.4 |

¹IDC score: 1- green, 3-yellow, 5-dead. Averaged across four test sites.

2017 NDSU Roundup Ready Soybean Iron-deficiency Chlorosis Trial - Author, T. Helms (Page 2 of 2).

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|-----------|--------------|------------------|-----------|--------------|------------------|-----------|---------------|------------------|
| Wensman | W1086NRX | 2.2 | Channel | 1318R2X | 2.3 | Wensman | W1060NRX | 2.5 |
| Dyna-Gro | S09RY64 | 2.2 | Legacy | LS-1136NRR2X | 2.3 | Channel | 0916R2X | 2.5 |
| Legacy | LS-0638RR2X | 2.2 | Prairie | PB-00856R2 | 2.3 | Dairyland | DST00-003/R2Y | 2.6 |
| REA | RX00738 | 2.2 | REA | RX1226 | 2.3 | Proseed | XT609 | 2.6 |
| Thunder | SB8805NR2X | 2.2 | Allegiant | 005X17 | 2.3 | REA | RX1027 | 2.6 |
| Dairyland | DSR-C918/2Y | 2.2 | Dahlman | 5601RR2Y | 2.3 | Stine | 09BA02 | 2.6 |
| Proseed | 50-10 | 2.2 | Dyna-Gro | S07XT28 | 2.3 | Peterson | 18X07N | 2.6 |
| Integra | 20062 | 2.2 | Integra | 20915N | 2.3 | Channel | 1117R2X | 2.6 |
| Syngenta | NKS06-Q9 | 2.2 | REA | RX1327 | 2.3 | Legacy | LS-0836NRR2X | 2.6 |
| Proseed | XT711 | 2.2 | Thunder | 3408R2YN | 2.3 | Peterson | 18X06N | 2.6 |
| Northstar | NS 60442NXR2 | 2.2 | Wensman | W1011RX | 2.3 | Legacy | LS-0738RR2X | 2.6 |
| REA | RX0327 | 2.2 | Wensman | W1121NRX | 2.3 | Legacy | LS-0935NRR2 | 2.6 |
| Thunder | SB8807NR2X | 2.2 | Wensman | W30085NR2 | 2.3 | Terning | TS3091NRR2X | 2.6 |
| Wensman | W1050NRX | 2.2 | REA | RX1428 | 2.4 | REA | RX0826 | 2.6 |
| Allegiant | 02X03 | 2.2 | Hefty | H05X7 | 2.4 | REA | RX0516 | 2.6 |
| Hefty | H00R6 | 2.2 | Legend | 12X862N | 2.4 | Legend | 06X860N | 2.7 |
| Prairie | PB-1257R2 | 2.2 | REA | RX0628 | 2.4 | Wensman | W1106NRX | 2.7 |
| Peterson | 15R07N | 2.2 | Dahlman | 6806XN | 2.4 | Dyna-Gro | S09XT67 | 2.7 |
| Thunder | SB8811NR2X | 2.2 | Proseed | 50-08N | 2.4 | Legend | 13X832N | 2.7 |
| Legacy | LS-0334RR2 | 2.2 | Wensman | W1074NRX | 2.4 | Prairie | PB-00928R2 | 2.7 |
| Northstar | NS 0052R2 | 2.2 | Thunder | 34006R2Y | 2.4 | Prairie | PB-0863R2 | 2.7 |
| Dairyland | DSR-1313/R2Y | 2.3 | Dahlman | 56009NRR2Y | 2.4 | Thunder | SB8710NR2X | 2.7 |
| Dyna-Gro | S05XT88 | 2.3 | G.Harvest | GH1253X | 2.4 | NDSU | ND17009GT | 2.7 |
| Thunder | 36008R2YN | 2.3 | Peterson | 18X08N | 2.4 | Dairyland | DSR-1475/R2Y | 2.7 |
| Thunder | 37004R2Y | 2.3 | Proseed | XT706N | 2.4 | Integra | 50948N | 2.7 |
| Legend | 07X852N | 2.3 | Pioneer | P005A27X | 2.4 | Wensman | W1140NRX | 2.7 |
| Mustang | 02311 | 2.3 | Integra | 20087 | 2.5 | Allegiant | 009X08 | 2.8 |
| NuTech | 6008R2 | 2.3 | Northstar | NS 0012R2 | 2.5 | Proseed | XT610 | 2.8 |
| Allegiant | 04X08N | 2.3 | Peterson | 18X11N | 2.5 | Peterson | 18X13N | 2.8 |
| Hefty | H008R6 | 2.3 | Channel | 0616R2X | 2.5 | Stine | 07BA00 | 2.8 |
| Integra | 20775N | 2.3 | Dairyland | DSR-0711/R2Y | 2.5 | Peterson | 17X09N | 2.8 |
| Integra | 50629N | 2.3 | Syngenta | NKS03-S6X | 2.5 | Legacy | LS-1138NRR2X | 2.8 |
| Wensman | W1039NRX | 2.3 | Prairie | PB-0777R2 | 2.5 | Dahlman | 6709XN | 2.9 |
| Wensman | W3024R2 | 2.3 | Proseed | 30-80 | 2.5 | Legacy | LS-1338N RR2X | 2.9 |
| Legacy | LS-00835NRR2 | 2.3 | Proseed | XT61-20 N | 2.5 | Dairyland | DSR-1120/R2Y | 2.9 |
| Northstar | NS 0651NR2 | 2.3 | Syngenta | NKS14-B2X | 2.5 | G.Harvest | GH1024X | 3.0 |
| Dahlman | 6808XN | 2.3 | Syngenta | NKS12-C1X | 2.5 | | | |
| Dyna-Gro | S11XT78 | 2.3 | Wensman | W1129NRX | 2.5 | | | |
| Integra | 51139 | 2.3 | Channel | 1017R2X | 2.5 | | | |
| Legacy | LS-0237NRR2X | 2.3 | Dyna-Gro | S12XT07 | 2.5 | | | |
| Thunder | SB8814NR2X | 2.3 | G.Harvest | GH0674X | 2.5 | | | |
| Mean | | 2.2 | Mean | | 2.2 | Mean | | 2.2 |
| LSD 0.05 | | 0.3 | LSD 0.05 | | 0.3 | LSD 0.05 | | 0.3 |
| CV | | 21.4 | CV | | 21.4 | CV | | 21.4 |

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1



1.5



2



2.5



3



3.5



4



4.5



5