

Test by: Northland F.I.R.S.T., LLC Moorhead, MN

## 2022 Corn Grain Top 30 Harvest Report

Red River South North Dakota & Minnesota [RRSO]

FAIRMOUNT, ND

Rydell Farms, Richland County, ND 58030

### Early-Season Test

85 - 90 Day CRM  
B2022RRSO02a

### Top 30 of 36

For Gross Income  
(Sorted by Yield)  
Average of ( ) Replications

### PREV. CROP/HERB:

**SOIL DESCRIPTION:** , non-irrigated

### SOIL CONDITION:

### PEST MANAGEMENT:

### FERTILITY - Applied N:

**Applied N-P-K (units):** 0-0-0

### SEEDED - RATE - ROW:

### HARVESTED - STAND:

### TEST COMMENTS:

*Not planted due to persistent wet spring conditions.*

| Company/Brand | Product/Brand | Technol.† | RM | Yield<br>Bu/A ↓ | Moisture<br>% | Lodging<br>% | Stand<br>(x 1000) | Gross Income<br>\$/Acre | Rank |
|---------------|---------------|-----------|----|-----------------|---------------|--------------|-------------------|-------------------------|------|
|---------------|---------------|-----------|----|-----------------|---------------|--------------|-------------------|-------------------------|------|

**Not planted - wet spring conditions**

Averages =

LSD (0.10) = ns ns ns

LSD (0.25) = ns ns ns

C.V. =

Historic yield: 176.06 bu/a, 4 yr(s)

Luke Brendemuhl

luke.brendemuhl@firstseedtests.com, (218) 790-4497

### Yield & Income Factors:

Base Moisture = 15%

Shrink = 1.2

Drying = \$0.00

Prices: GMO = \$3.75

Report Date: 10/04/2022

† 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. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

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Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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|                         |                                                                      |
|-------------------------|----------------------------------------------------------------------|
| <b>Full-Season Test</b> | <b>91 - 95 Day CRM</b><br>B2022RRSO02b                               |
| <b>Top 30 of 40</b>     | For Gross Income<br>(Sorted by Yield)<br>Average of ( ) Replications |

### PREV. CROP/HERB:

**SOIL DESCRIPTION:** , non-irrigated

**SOIL CONDITION:**

**PEST MANAGEMENT:**

**FERTILITY - Applied N:**

**Applied N-P-K (units):** 0-0-0

**SEDED - RATE - ROW:**

**HARVESTED - STAND:**

### TEST COMMENTS:

*Not planted due to persistent wet spring conditions.*

| Company/Brand                       | Product/Brand | Technol.† | RM | Yield<br>Bu/A ↓ | Moisture<br>% | Lodging<br>% | Stand<br>(x 1000) | Gross Income<br>\$/Acre | Rank |
|-------------------------------------|---------------|-----------|----|-----------------|---------------|--------------|-------------------|-------------------------|------|
| Not planted - wet spring conditions |               |           |    |                 |               |              |                   |                         |      |

|                                    |  |                                      |    |                 |
|------------------------------------|--|--------------------------------------|----|-----------------|
| Averages =                         |  |                                      |    |                 |
| LSD (0.10) =                       |  | ns                                   | ns | ns              |
| LSD (0.25) =                       |  | ns                                   | ns | ns              |
| C.V. =                             |  | Historic yield: 176.06 bu/a, 4 yr(s) |    |                 |
| <b>Yield &amp; Income Factors:</b> |  |                                      |    |                 |
| Base Moisture = 15%                |  | Shrink = 1.2                         |    | Drying = \$0.00 |
|                                    |  | Prices: GMO = \$3.75                 |    |                 |

Report Date: 10/04/2022

Additional reports available at [www.firstseedtests.com](http://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. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

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## 2022 Corn - Red River South North Dakota & Minnesota [ RRSO ]

### Early-Season Test Products (36 Total)

| Company/Brand  | Product/Brand    | Technology | RIB | RM | Seed Treat.   |
|----------------|------------------|------------|-----|----|---------------|
| Dairyland      | DS-2505Q         | QR         | Y   | 85 | Lum, L1       |
| Dairyland      | DS-2531AM        | AM         | Y   | 85 | Lum, L1       |
| Dairyland      | DS-2919AM        | AM         | Y   | 89 | Lum, L1       |
| Dairyland      | DS-3022AM        | AM         | Y   | 90 | Lum, L1       |
| DeKalb         | DKC35-88RIB GC   | VT2P       | Y   | 85 | AC,P5V,SU+Zn  |
| DeKalb         | DKC40-99RIB CK   | TRE        | Y   | 90 | AC,P5V,EDC-EL |
| Dyna-Gro       | D27VC87RIB       | VT2P       | N   | 87 | AC,P5V        |
| Dyna-Gro       | D28VC33          | VT2P       | N   | 88 | AC,P5V        |
| Golden Harvest | G87A53-V         | V          | Y   | 87 | AVC,C2,Vi,Va  |
| Golden Harvest | G90S99-DV        | DV         | Y   | 90 | AVC,C2,Vi,Va  |
| Hefty          | H3632            | VT2P       | N   | 86 | HC            |
| Hefty          | H3712 RIB        | VT2P       | Y   | 87 | HC            |
| Hefty          | H4052            | VT2P       | N   | 90 | HC            |
| Hefty          | H4064            | STX        | N   | 90 | HC            |
| Innotech       | IC3983-3220      | V          | Y   | 89 | AVC,C2,Vi,Va  |
| Integra        | 3629 VT2PRIB     | VT2P       | Y   | 86 | AC,P5V,SU+Zn  |
| Integra        | 4023-3220A       | V          | N   | 90 | CM,C2,Vi      |
| Latham         | LH 3695 VT2P RIB | VT2P       | Y   | 86 | AC,P2         |
| Latham         | LH 3827 VT2P RIB | VT2P       | Y   | 88 | AC,P2         |
| Latham         | LH 3867 VT2P RIB | VT2P       | Y   | 88 | AC,P2         |
| Latham         | LH 3937 VT2P RIB | VT2P       | Y   | 89 | AC,P2         |
| Legacy         | LC353-22         | AA         | Y   | 85 | AC,P2         |
| Legacy         | LC403-22         | AA         | Y   | 90 | AC,P2         |
| NK Brand       | NK8760-V         | V          | Y   | 87 | AVC,C2,Vi,Va  |
| REA            | 2B863            | VT2P       | Y   | 86 | AC,P5V,EDC-B  |
| REA            | 3B903            | VT2P       | Y   | 90 | AC,P5V,EDC-B  |
| REA            | 86A94            | STX        | Y   | 86 | AC,P5V,EDC-B  |
| REA            | EXP88B04         | VT2P       | Y   | 88 | AC,P5V,EDC-B  |
| Renk           | RK297VT2P        | VT2P       | N   | 89 | AC,P2         |
| Renk           | RK400VT2P        | VT2P       | N   | 90 | AC,P2         |
| Rob-See-Co     | RC3601-GTA       | GTA        | N   | 86 | CM,C2,Vi      |
| Thunder        | T6085 VT2P       | VT2P       | Y   | 85 | AC,P2         |
| Thunder        | T6185 VT2P       | VT2P       | Y   | 85 | AC,P2         |
| Thunder        | T6389 VT2P       | VT2P       | Y   | 89 | AC,P2         |
| Thunder        | T6888 VT2P       | VT2P       | Y   | 88 | AC,P2         |
| Thunder        | T6987 VT2P       | VT2P       | Y   | 87 | AC,P2         |

\* 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.

## 2022 Corn - Red River South North Dakota & Minnesota [ RRSO ]

### Full-Season Test Products (40 Total)

| Company/Brand  | Product/Brand    | Technology | RIB | RM | Seed Treat.   |
|----------------|------------------|------------|-----|----|---------------|
| Dairyland      | DS-3203AM        | AM         | Y   | 92 | Lum, L1       |
| Dairyland      | DS-3366AM        | AM         | Y   | 93 | Lum, L1       |
| Dairyland      | DS-3477AM        | AM         | Y   | 94 | Lum, L1       |
| Dairyland      | DS-3550AM        | AM         | Y   | 95 | Lum, L1       |
| DeKalb         | DKC40-99RIB CK   | TRE        | Y   | 90 | AC,P5V,EDC-EL |
| DeKalb         | DKC44-98RIB GC   | VT2P       | Y   | 94 | AC,P5V,EDC-EL |
| Dyna-Gro       | D31VC23          | VT2P       | N   | 91 | AC,P2         |
| Dyna-Gro       | D33QZ83          | V          | N   | 93 | AC,P5V        |
| Dyna-Gro       | D34VC93          | VT2P       | N   | 94 | AC,P5V,EDC-B  |
| Enestvedt      | E612RR           | RR2        | N   | 92 | AC,P2         |
| Golden Harvest | G91V51-DV        | DV         | Y   | 91 | AVC,C2,Vi,Va  |
| Golden Harvest | G93A49-D         | D          | Y   | 93 | AVC,C2,Vi,Va  |
| Hefty          | H4262 RIB        | VT2P       | Y   | 92 | HC            |
| Hefty          | H4332            | VT2P       | N   | 93 | HC            |
| Hefty          | H4462            | VT2P       | N   | 94 | HC            |
| Hefty          | H4522            | VT2P       | N   | 95 | HC            |
| Hefty          | H4564            | STX        | N   | 95 | HC            |
| Latham         | LH 4242 VT2P RIB | VT2P       | Y   | 92 | AC,P2         |
| Latham         | LH 4375 VT2P RIB | VT2P       | Y   | 93 | AC,P2         |
| Latham         | LH 4454 VT2P RIB | VT2P       | Y   | 94 | AC,P2         |
| Latham         | LH 4517 VT2P RIB | VT2P       | Y   | 95 | AC,P2         |
| Latham         | LH 4527 VT2P RIB | VT2P       | Y   | 95 | AC,P5V,EDC-B  |
| NK Brand       | NK9175-DV        | DV         | Y   | 91 | AVC,C2,Vi,Va  |
| NK Brand       | NK9231-AA        | AA         | Y   | 92 | AVC,C2,Vi,Va  |
| NK Brand       | NK9347-D         | D          | Y   | 93 | AVC,C2,Vi,Va  |
| REA            | 4B944            | VT2P       | Y   | 94 | AC,P5V,EDC-B  |
| REA            | 4B958            | VT2P       | Y   | 95 | AC,P5V,EDC-B  |
| REA            | 92B10            | VT2P       | Y   | 92 | AC,P5V,EDC-B  |
| REA            | 95A36            | STX        | Y   | 95 | AC,P5V,EDC-B  |
| Renk           | RK444VT2P        | VT2P       | N   | 93 | AC,P5V        |
| Renk           | RK502SSTX        | STX        | N   | 95 | AC,P5V        |
| Rob-See-Co     | RC4166-3110A     | 3110A      | N   | 91 | CM,C2,Vi      |
| Rob-See-Co     | RC4213-3120      | AA         | Y   | 92 | AVC,C2,Vi,Va  |
| Rob-See-Co     | RC4535-3110      | 3110       | N   | 95 | CM,C2,Vi      |
| Stine          | 9319-10          | 3010       | N   | 93 | Se,Sa,Sn,Sp   |
| Thunder        | T6294 VT2P       | VT2P       | Y   | 94 | AC,P2         |
| Thunder        | T6595 VT2P       | VT2P       | Y   | 95 | AC,P2         |
| Thunder        | T6791 VT2P       | VT2P       | Y   | 91 | AC,P2         |
| Thunder        | T6992 VT2P       | VT2P       | Y   | 92 | AC,P2         |
| Thunder        | THX22-95         | VT2P       | Y   | 95 | AC,P5V,EDC-B  |

\* 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

|    |                                                                                                                                                                                                              |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ^  | Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience. |
| CK | Identifies a check product included in early- and full-season tests.                                                                                                                                         |
| GC | Grower Comparison product included by FIRST when space permits.                                                                                                                                              |

### Corn Technologies

|       |                                                                             |
|-------|-----------------------------------------------------------------------------|
| 3010  | Agrisure® 3010 (GT,CB,LL), formerly GT/CB/LL                                |
| 3110  | Agrisure® Viptera® 3110 (Vip, CB,LL,GT)                                     |
| 3110A | Agrisure® Artesian® Viptera® 3110 (Vip, CB,LL,GT)                           |
| AA    | Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120                      |
| AM    | Optimum® AcreMax®                                                           |
| D     | Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122            |
| DV    | DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222 |
| GTA   | Agrisure® Artesian® GTA                                                     |
| QR    | Qrome™                                                                      |
| RR2   | Roundup Ready® 2 Corn                                                       |
| STX   | SmartStax®                                                                  |
| TRE   | Trecepta®                                                                   |
| V     | Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220                 |
| VT2P  | VT Double PRO®                                                              |

NOTE: The refuge component genetics may vary in a refuge blend seed product.

### Corn Seed Treatments\*

|               |                                                                  |
|---------------|------------------------------------------------------------------|
| NA            | Not Available                                                    |
| AC,P2         | Acceleron® 250                                                   |
| AC,P5V        | Acceleron® Poncho 500/Votivo                                     |
| AC,P5V,EDC-B  | Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control |
| AC,P5V,EDC-EL | Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control |
| AC,P5V,SU+Zn  | Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn               |
| AVC,C2,Vi,Va  | Avicta® Complete 250, Vibrance®, Vayantis®                       |
| CM,C2,Vi      | CruiserMaxx® 250 with Vibrance                                   |
| HC            | Hefty Complete                                                   |
| Lum, L1       | (2022) LumiGEN, Lumisure 1250                                    |
| Se,Sa,Sn,Sp   | Senator 250, Sativa, Spirato, Sebring                            |

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