

Test by: NewVenture, LLC Ellendale, MN

2021 Corn Grain Top 30 Harvest Report

Minnesota West Central [MNWC] BROOTEN, MN

Michael Stamer Farms, Michael Stamer, Pope County, MN 56201

Early-Season Test 93 - 98 Day CRM
B2021MNWC02a

Top 30 of 48 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / NA

SOIL DESCRIPTION: Arvilla Sandy Loam sandy loam,
well drained, irrigated

SOIL CONDITION: Conventional W/ Fall Till, very
high P, very high K, 7.2 pH,
3.3% OM, 17.1 CEC

PEST MANAGEMENT: Laudis, Metallica, Atrazine,
Target, Bite

FERTILITY - Applied N: 210 Sidedress

Applied N-P-K (units): 210-0-0

SEEDED - RATE - ROW: May 1 35.0 /A 30" spacing

HARVESTED - STAND: Oct 19 32.8 /A

TEST COMMENTS:

This is an irrigated flat and uniform plot site. The planting conditions were excellent. The corn was very tall and the ears were large and filled to the tips with no signs of disease noted. The corn that was lodged was all laying to the east. I was able to harvest most of the lodged corn but there were a few spots that it was laying pretty flat and made it difficult to get all the ears.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|---------------|--------------------|-----------|-----|--------------|------------|-----------|----------------|----------------------|------|
| Dairyland | DS-3727AM ↗ | AM | 97 | 286.6 | 18.6 | 2 | 32.0 | 1407 | 1 |
| Enestvedt | E658DP RIB ↗ | VT2P | 96 | 274.8 | 17.3 | 0 | 31.0 | 1358 | 2 |
| Renk | RK590VT2P ↗ | VT2P | 98 | 270.9 | 17.8 | 1 | 31.2 | 1336 | 4 |
| Renk | RK485DGVT2P ↗ | VT2PDG | 94 | 269.5 | 16.5 | 3 | 33.9 | 1337 | 3 |
| Federal | 4880 VT2PRIB ↗ | VT2P | 98 | 267.2 | 16.8 | 15 | 31.9 | 1324 | 5 |
| DeKalb | DKC48-95RIB GC ↗ | VT2P | 98 | 264.1 | 17.9 | 8 | 32.9 | 1301 | 6 |
| Dahlman | R49-23VT2PRIB ↗ | VT2P | 98 | 262.8 | 17.3 | 1 | 33.8 | 1299 | 7 |
| Integra | 4702 VT2PRIB ↗ | VT2P | 97 | 261.6 | 16.7 | 0 | 31.4 | 1297 | 8 |
| Hefty | H4332 RIB ↗ | VT2P | 93 | 256.6 | 17.2 | 0 | 32.9 | 1269 | 9 |
| Proseed | 2196 VT2PRIB ↗ | VT2P | 96 | 255.1 | 17.5 | 0 | 31.4 | 1260 | 10 |
| Hefty | H4842 RIB ↗ | VT2P | 98 | 252.7 | 17.3 | 0 | 32.9 | 1249 | 13 |
| Latham | LH 4669 SS RIB ↗ | STX | 96 | 252.5 | 17.8 | 0 | 31.9 | 1245 | 15 |
| Gold Country | 95-03R2P ↗ | VT2P | 95 | 252.4 | 16.9 | 0 | 31.4 | 1250 | 12 |
| Integra | 4509 VT2PRIB ↗ | VT2P | 95 | 252.2 | 16.5 | 2 | 30.9 | 1252 | 11 |
| Hefty | H4732 ↗ | VT2P | 97 | 252.0 | 17.1 | 0 | 29.0 | 1247 | 14 |
| NK Brand | NK9653-5222 EZR ↗ | 5222 | 96 | 251.4 | 18.1 | 6 | 33.4 | 1238 | 18 |
| Renk | RK561DGVT2PRIB ↗ | VT2PDG | 95 | 250.8 | 17.3 | 0 | 31.4 | 1240 | 16 |
| Gold Country | 98-11R2P ↗ | VT2P | 98 | 250.0 | 16.7 | 3 | 32.4 | 1239 | 17 |
| Renk | RK593VT2PRIB ↗ | VT2P | 97 | 250.0 | 16.9 | 3 | 31.9 | 1238 | 19 |
| Anderson | 786R ↗ | RR2 | 95 | 247.8 | 17.1 | 0 | 31.9 | 1226 | 20 |
| Federal | 4820 VT2P ↗ | VT2P | 98 | 247.3 | 16.7 | 11 | 33.4 | 1226 | 21 |
| Dahlman | R49-25VT2PRIB ↗ | VT2P | 98 | 246.8 | 17.7 | 13 | 32.9 | 1218 | 23 |
| Latham | LH 4657 VT2P RIB ↗ | VT2P | 96 | 246.4 | 16.7 | 0 | 33.4 | 1222 | 22 |
| Thunder | T6298 VT2P ↗ | VT2P | 98 | 245.8 | 17.4 | 12 | 33.9 | 1214 | 24 |
| Anderson | 609R ↗ | RR2 | 98 | 245.2 | 17.1 | 3 | 33.4 | 1213 | 25 |
| Dyna-Gro | D37VC64 ↗ | VT2P | 97 | 244.7 | 16.7 | 10 | 33.9 | 1213 | 26 |
| Gold Country | 97-14R2P ↗ | VT2P | 97 | 242.9 | 16.3 | 1 | 33.4 | 1206 | 27 |
| Proseed | 1998 VT2PRIB ↗ | VT2P | 98 | 241.4 | 17.0 | 0 | 31.4 | 1195 | 28 |
| Dairyland | DS-3715AM ↗ | AM | 97 | 240.8 | 17.0 | 1 | 34.8 | 1192 | 30 |
| Renk | RK429-3220A ↗ | 3220A | 93 | 240.6 | 16.6 | 9 | 34.3 | 1194 | 29 |
| Pioneer | P0075Q CK | QR | 100 | 232.8 | 18.0 | 1 | 34.1 | 1147 | 39 |

Averages = **244.5** 17.2 7 32.8 1208

LSD (0.10) = 22.2 ns ns

LSD (0.25) = 11.6 ns ns

C.V. = 8.6

Historic yield: new site

Ed Dahle

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$5.00

Report Date: 10/20/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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2021 Corn Grain Top 30 Harvest Report

Minnesota West Central [MNWC] BROOTEN, MN

Michael Stamer Farms, Michael Stamer, Pope County, MN 56201

Full-Season Test 99 - 102 Day CRM B2021MNWC02b

Top 30 of 46 For Gross Income (Sorted by Yield) Average of (3) Replications

PREV. CROP/HERB: Soybeans / NA
SOIL DESCRIPTION: Arvilla Sandy Loam sandy loam, well drained, irrigated

SOIL CONDITION: Conventional W/ Fall Till, very high P, very high K, 7.2 pH, 3.3% OM, 17.1 CEC

PEST MANAGEMENT: Laudis, Metallica, Atrazine, Target, Bite

FERTILITY - Applied N: 210 Sidedress

Applied N-P-K (units): 210-0-0

SEEDED - RATE - ROW: May 1 35.0 /A 30" spacing

HARVESTED - STAND: Oct 19 32.9 /A

TEST COMMENTS:

This is an irrigated flat and uniform plot site. The planting conditions were excellent. The corn was very tall and the ears were large and filled to the tips with no signs of disease noted. The corn that was lodged was all laying to the east. I was able to harvest most of the lodged corn but there were a few spots that it was laying pretty flat and made it difficult to get all the ears.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|--------------------|-----------|-----|--------------|------------|-----------|----------------|----------------------|------|
| Golden Harvest | G99E68-5122 EZR ↗ | 5122 | 99 | 287.8 | 18.6 | 18 | 34.8 | 1413 | 1 |
| Latham | LH 4937 VT2P RIB ↗ | VT2P | 99 | 282.7 | 16.5 | 31 | 32.7 | 1403 | 2 |
| Thunder | T8100 SS ↗ | STX | 100 | 268.3 | 17.3 | 0 | 34.3 | 1326 | 3 |
| Dyna-Gro | D43VC81 ↗ | VT2P | 102 | 268.2 | 18.2 | 3 | 34.3 | 1320 | 4 |
| Thunder | T6999 VT2P ↗ | VT2P | 99 | 265.9 | 17.3 | 23 | 33.8 | 1314 | 5 |
| Enestvedt | E699DP RIB ↗ | VT2P | 99 | 264.8 | 16.9 | 8 | 33.8 | 1311 | 6 |
| Federal | 5280 VT2PRIB ↗ | VT2P | 102 | 261.7 | 18.6 | 0 | 32.9 | 1285 | 8 |
| AgriGold | A631-90VT2PRO GC ↗ | VT2P | 101 | 261.4 | 18.5 | 1 | 30.5 | 1284 | 9 |
| Hefty | H4942 RIB ↗ | VT2P | 99 | 260.3 | 17.2 | 0 | 30.0 | 1287 | 7 |
| Titan Pro | 22-00 2P ↗ | VT2P | 100 | 258.5 | 18.1 | 0 | 33.4 | 1272 | 10 |
| Enestvedt | E600DP RIB ↗ | VT2P | 99 | 255.7 | 17.5 | 10 | 33.4 | 1263 | 11 |
| Titan Pro | 92-99 2P ↗ | VT2P | 99 | 255.2 | 17.4 | 10 | 34.3 | 1261 | 12 |
| Gold Country | 102-07RSS ↗ | STX | 102 | 252.5 | 18.8 | 0 | 33.8 | 1239 | 15 |
| Dairyland | DS-3959Q ↗ | QR | 99 | 252.5 | 18.4 | 0 | 32.9 | 1241 | 13 |
| Channel | 199-29 STXRIB GC ↗ | STX | 99 | 251.3 | 18.6 | 0 | 34.3 | 1234 | 19 |
| Integra | 5280 VT2PRIB ↗ | VT2P | 102 | 251.1 | 17.5 | 0 | 33.4 | 1240 | 14 |
| Dyna-Gro | D40VC41 ↗ | VT2P | 100 | 250.6 | 17.6 | 6 | 33.9 | 1237 | 16 |
| Thunder | T6902 VT2P ↗ | VT2P | 102 | 250.4 | 17.5 | 0 | 31.0 | 1236 | 18 |
| Dairyland | DS-4000AMXT ↗ | AMXT | 100 | 249.7 | 17.9 | 0 | 31.9 | 1230 | 20 |
| Dairyland | DS-4014Q ↗ | QR | 100 | 247.8 | 17.2 | 0 | 31.4 | 1225 | 21 |
| Hefty | H5055 ↗ | TRE | 100 | 246.8 | 17.3 | 12 | 32.9 | 1220 | 22 |
| Hefty | H4933 RIB ↗ | VT2PDG | 99 | 246.5 | 17.6 | 25 | 34.8 | 1216 | 23 |
| NK Brand | NK9991-5122 EZR ↗ | 5122 | 99 | 245.5 | 18.6 | 0 | 32.4 | 1206 | 24 |
| Latham | LH 5159 SS RIB ↗ | STX | 101 | 244.1 | 17.8 | 5 | 32.7 | 1203 | 25 |
| Gold Country | 99-01R2P ↗ | VT2P | 99 | 243.9 | 17.9 | 16 | 34.8 | 1202 | 26 |
| Renk | RK600VT2P ↗ | VT2P | 100 | 243.0 | 17.9 | 17 | 31.5 | 1197 | 27 |
| NK Brand | NK0243-5122 EZR ↗ | 5122 | 102 | 242.7 | 18.3 | 3 | 31.0 | 1193 | 29 |
| Latham | LH 4957 VT2P RIB ↗ | VT2P | 99 | 242.0 | 17.6 | 0 | 32.4 | 1194 | 28 |
| Hefty | H4922 RIB ↗ | VT2P | 99 | 240.7 | 17.0 | 18 | 32.9 | 1191 | 30 |
| Federal | 5120 STX ↗ | STX | 101 | 240.3 | 18.2 | 3 | 33.8 | 1182 | 31 |
| Pioneer | P0075Q CK | QR | 100 | 250.5 | 17.5 | 4 | 33.4 | 1237 | 17 |

Averages = **244.7** **18.0** **10** **32.9** **1209**

LSD (0.10) = 21.0 0.8 ns

LSD (0.25) = 11.0 0.4 ns

C.V. = 8.1

Historic yield: new site

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$5.00

Report Date: 10/20/2021

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