

Test by: North Iowa F.I.R.S.T., Inc. Sanborn, IA

2021 Corn Grain Top 30 Harvest Report

Iowa North [IANO] EMMETSBURG, IA

Tom Kuecker, Palo Alto County, IA 50528

Ultra Early-Season Test	95 - 100 Day CRM B2021IANO02u
Top 30 of 60	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Broadaxe, Engenia, Outlook
SOIL DESCRIPTION:	Canisteo-Nicollet clay loam, moderately drained, non- irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, medium K, 6.1 pH, 4.7% OM, 27.0 CEC
PEST MANAGEMENT:	Zidua, Armezon Pro, Atz, Miravis Neo, Warrior, Beacon
FERTILITY - Applied N:	130 Fall, 45 Spring, 20# S
Applied N-P-K (units):	175-79-67
SEEDED - RATE - ROW:	Apr 26 39.0 /A 30" spacing
HARVESTED - STAND:	Sep 29 38.5 /A

TEST COMMENTS:

Conditions were favorable for early planting in this area and most corn fields in Palo Alto county were planted by mid-May. The season started in drought conditions, which held on through the entire growing season. Every drop of rain and dew was precious to the crop. Stands were excellent. However, Tom's farm experienced water deficits every month from planting through July. August rainfall returned and helped fill kernel depth. This site ended 8.9" below 10-yr normal and still produced excellent yields.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Titan Pro	84-01 ↗	CONV	101	251.9	17.7	0	36.9	1330	2
Latham	LH 4937 VT2P RIB ↗	VT2P	99	251.3	15.7	0	39.5	1340	1
FS InVision	FS 4715V RIB ↗	VT2P	97	247.7	16.0	0	37.5	1319	3
Augusta	A2050 VT2P ↗	VT2P	100	246.9	15.2	0	38.9	1319	4
Wyffels	W2236RIB ↗	VT2P	99	246.8	17.8	0	38.9	1303	5
Renk	RK561VT2P ↗	VT2P	96	244.3	16.3	0	37.5	1299	6
NuTech	58B1AM ↗	AM	98	243.9	16.5	0	39.5	1296	7
Viking	44-98 ↗	CONV	98	243.7	17.0	0	36.9	1292	8
Titan Pro	92-99 2P ↗	VT2P	99	243.4	16.8	0	38.9	1291	9
Hefty	H4942 RIB ↗	VT2P	99	242.0	16.5	0	38.2	1285	10
Hefty	H4842 RIB ↗	VT2P	98	239.1	15.7	0	38.2	1275	11
Titan Pro	22-00 2P ↗	VT2P	100	238.4	18.7	0	38.9	1253	22
Hefty	H4933 RIB ↗	VT2PDG	99	237.7	17.4	0	37.5	1257	17
Viking	52-00 ↗	CONV	100	237.5	14.9	0	39.5	1271	12
Renk	RK590VT2P ↗	VT2P	98	237.5	16.9	0	40.2	1259	15
Pioneer	P9998Q GC ↗	QR	99	237.0	18.5	0	38.2	1247	26
Hefty	H5055 ↗	TRE	100	236.9	16.0	0	38.2	1261	14
NuTech	57A4Q ↗	QR	97	236.9	16.6	0	39.5	1258	16
Kruger	K9915DP ↗	VT2P	99	236.4	16.3	0	38.2	1257	18
Renk	RK593VT2PRIB ↗	VT2P	97	236.3	16.3	0	38.2	1257	19
Federal	4990 VT2PRIB ↗	VT2P	99	236.3	18.2	0	38.2	1245	27
Wyffels	W1546RIB ↗	VT2P	96	236.3	15.3	0	40.2	1263	13
Kruger	K9701SS ↗	STX	97	236.0	17.0	0	35.5	1251	23
NuTech	60A2Q ↗	QR	100	235.8	18.2	0	38.9	1243	28
Hefty	H4922 RIB ↗	VT2P	99	235.7	16.1	0	38.9	1254	21
Wyffels	W2016 ↗	VT2P	98	235.0	15.1	0	38.9	1256	20
Federal	4805 VT2PRIB ↗	VT2P	98	234.8	16.4	0	36.9	1248	25
Anderson	726VT2P ↗	VT2P	98	233.5	15.0	0	38.9	1249	24
Anderson	681SRC ↗	STX	100	233.3	16.5	0	39.5	1239	30
Renk	RK600VT2P ↗	VT2P	100	232.6	15.2	0	38.2	1243	29

Corey Rozenboom

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corey.rozenboom@firstseedtests.com, (319) 830-8886

Averages = **232.7** **16.6** **38.5** **1235**

LSD (0.10) = 8.8 1.1 ns

LSD (0.25) = 4.6 0.6 ns

C.V. = 3.6 Historic yield: 220.31 bu/a, 11 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.35

Report Date: 09/30/2021

Revised: 10/01/2021 Corrected product maturity exceedance

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

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