

Test by: NewVenture, LLC Ellendale, MN

2019 Corn Grain Top 30 Harvest Report

Minnesota East Central [MNEC] CLEAR LAKE, MN

A & L Peterson Farms, Inc Ryan Peterson, Sherburne
County, MN 55319

All-Season Test

86 - 95 Day CRM
B2019MNEC05

Top 30 of 45

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

PREV. CROP/HERB:

Soybean / NA

SOIL DESCRIPTION:

Sandberg-Arvilla Complex sand,
well drained, irrigated

SOIL CONDITION:

Conventional W/O Fall Till, very
high P, very high K, 6.5 pH,
2.3% OM, 11.7 CEC

PEST MANAGEMENT:

Cornerstone 5 Plus, Dual li
Magnum, Atrazine 4l, Class Act
Ng

FERTILITY - Applied N:

210 Sidedress

Applied N-P-K (units):

210-0-120

SEEDED - RATE - ROW:

May 7 35.1 /A 30" spacing

HARVESTED - STAND:

Nov 23 33.8 /A

TEST COMMENTS:

This is a very uniform and sandy site. The corn was some of the driest that I have harvested yet this year. There was very little lodging noted any where in the plot. Overall a very good and uniform plot especially for the late harvest date.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
THUNDER	6094 VT2P	VT2P,B	94	250.9	18.6	0	34.8	856	1
NK BRAND	NK9535-3220-EZR	3220,B	95	249.4	19.6	0	33.4	844	2
GOLDEN HARVEST	G91V51-3110A	3110,A	91	245.0	19.3	0	34.3	831	3
DAHLMAN	R47-26VT2PRIB	VT2P,B	94	244.8	19.2	0	33.4	831	4
LATHAM	LH4517VT2PRIB	VT2P,B	95	243.8	19.3	0	33.9	827	5
GOLDEN HARVEST	G95M41-3010	3010	95	242.9	19.6	0	34.3	822	6
DAIRYLAND	DS-3518AMXT	AMXT,B	95	240.8	19.2	0	33.4	818	7
ANDERSON	742R GC	RR2	92	236.9	18.9	0	34.8	806	8
LATHAM	EX 4123 3010	3010	91	235.4	19.0	0	33.9	800	9
NK BRAND	NK9227-3220A-EZR	3220,A,B	92	234.9	20.1	0	33.4	792	10
DAIRYLAND	DS-2989Z	3120	89	231.2	19.6	0	32.9	782	11
TITAN PRO	82-90 2P	VT2P,B	90	230.3	19.1	0	33.9	782	12
TITAN PRO	82-95 2P	VT2P,B	95	227.8	19.7	0	33.4	770	13
PIONEER	P9492AM GC	AM,B	94	227.7	20.0	0	34.3	769	14
NK BRAND	NK8920-3120-EZR	3120,B	89	226.6	19.5	0	33.4	768	15
NK BRAND	NK9175-3110A	3110,A	91	225.3	19.7	0	33.9	762	16
RENK	RK561DGVT2P	VT2P,DG	95	224.3	19.7	0	34.3	759	17
LATHAM	LH4454VT2PRIB	VT2P,B	94	223.0	19.2	0	33.8	757	18
GOLD COUNTRY	94-19RSS	STX,B	94	218.3	19.4	0	34.8	740	19
DAIRYLAND	DS-7294A	3220	94	217.5	20.4	0	33.9	732	20
GOLDEN HARVEST	G90Y04-3220A-EZR	3220,A,B	92	214.2	20.0	0	34.3	723	21
THUNDER	6090 3120	3120,B	90	211.9	19.4	0	33.4	718	22
DAHLMAN	R48-28VT2PRIB	VT2P,B	95	211.2	19.5	0	33.9	715	23
TITAN PRO	90-94 2P	VT2P,B	94	210.7	19.2	0	33.4	715	24
LATHAM	LH4375VT2PRIB	VT2P,B	93	209.8	19.2	0	34.3	712	25
DAIRYLAND	DS-3550AM	AM	95	207.5	20.1	0	33.9	700	27
NK BRAND	NK8881-3120A-EZR	3120,A,B	88	207.2	19.7	0	33.8	701	26
GOLD COUNTRY	95-33R2P	VT2P,B	95	204.3	18.9	0	33.9	695	28
GOLDEN HARVEST	G88F37-3120A-EZR	3120,A,B	88	202.8	19.0	0	31.5	689	29
GOLD COUNTRY	92-45R2P	VT2P,B	92	202.4	19.4	0	33.9	686	30

Averages = **212.9** **19.4** **0** **33.8** **722**

LSD (0.10) = 26.7 0.6 ns

LSD (0.25) = 14.0 0.3 ns

C.V. = 11.9

Ed Dahle

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$3.50

Report Date: 11/24/2019

† 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

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2019 Corn - Minnesota East Central [MNEC]



All-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RM
ANDERSON	742R GC	RR2	92
DAHLMAN	R43-29VT2PRIB	VT2P,B	86
DAHLMAN	R47-26VT2PRIB	VT2P,B	94
DAHLMAN	R48-28VT2PRIB	VT2P,B	95
DAIRYLAND	DS-2989Z	3120	89
DAIRYLAND	DS-3518AMXT	AMXT,B	95
DAIRYLAND	DS-3550AM	AM	95
DAIRYLAND	DS-7294A	3220	94
FEDERAL	4580VT2PRIB	VT2P,B	95
GOLD COUNTRY	89-59R2P	VT2P,B	89
GOLD COUNTRY	90-71R2P	VT2P,B	90
GOLD COUNTRY	92-45R2P	VT2P,B	92
GOLD COUNTRY	94-19RSS	STX,B	94
GOLD COUNTRY	95-33R2P	VT2P,B	95
GOLDEN HARVEST	G88F37-3120A-EZR	3120,A,B	88
GOLDEN HARVEST	G89A09-3120-EZR	3120,B	89
GOLDEN HARVEST	G90Y04-3220A-EZR	3220,A,B	92
GOLDEN HARVEST	G91V51-3110A	3110,A	91
GOLDEN HARVEST	G95M41-3010	3010	95
LATHAM	EX 4123 3010	3010	91
LATHAM	LH3755VT2PRIB	VT2P,B	87
LATHAM	LH3827VT2PRIB	VT2P,B	88
LATHAM	LH3937VT2PRIB	VT2P,B	89
LATHAM	LH4375VT2PRIB	VT2P,B	93
LATHAM	LH4454VT2PRIB	VT2P,B	94
LATHAM	LH4517VT2PRIB	VT2P,B	95
NK BRAND	NK8519-3220-EZR	3220,B	85
NK BRAND	NK8618-3120A-EZR	3120,A,B	86
NK BRAND	NK8881-3120A-EZR	3120,A,B	88
NK BRAND	NK8920-3120-EZR	3120,B	89
NK BRAND	NK9175-3110A	3110,A	91
NK BRAND	NK9227-3220A-EZR	3220,A,B	92
NK BRAND	NK9535-3220-EZR	3220,B	95
PIONEER	P9188AMXT GC	AMXT	91
PIONEER	P9492AM GC	AM,B	94
RENK	RK561DGV2P	VT2P,DG	95

Company/Brand	Brand/Product	Technology	RM
THUNDER	6090 3120	3120,B	90
THUNDER	6094 VT2P	VT2P,B	94
THUNDER	6595 VT2P	VT2P,B	95
THUNDER	6791 VT2P	VT2P,B	91
THUNDER	6992 VT2P	VT2P,B	92
THUNDER	6993 VT2P	VT2P,B	93
TITAN PRO	82-90 2P	VT2P,B	90
TITAN PRO	82-95 2P	VT2P,B	95
TITAN PRO	90-94 2P	VT2P,B	94

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 (CB,LL,GT)	AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	AQ	Optimum® AQUAMax®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	B	Refuge blend product	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	CB	Agrisure® Corn Borer	PC	PowerCore™ (HX, VT2P)
3120	Agrisure® 3120 (CB,HX,LL,GT)	DG	Genuity® DroughtGard®	RR2	Roundup Ready® 2 Corn
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)	RW	Agrisure® Rootworm
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	GT	Agrisure® GT	STX	SmartStax® (VT3P,HXT,RR2,LL)
3330	Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT)	HX	Herculex® 1, contains LL	TRE	Genuity® Trecepta™
A	Agrisure® Artesian®	HXRW	Herculex® Rootworm, contains LL	VT2P	Genuity® VT Double PRO®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	HXT	Herculex® Xtra (HX,HXRW,LL)	VT3P	Genuity® VT Triple PRO®
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	LL	LibertyLink®	YGCB	YieldGard® Corn Borer
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	None	conventional corn		

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