

Test by: NewVenture, LLC Ellendale, MN

2019 Corn Grain Top 30 Harvest Report

Minnesota East Central [MNEC] ALBANY, MN
Ray Beutz, Stearns County, MN 56307

All-Season Test	86 - 95 Day CRM B2019MNEC01
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Alfalfa / NA
SOIL DESCRIPTION:	Gonvick Loam loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, medium K, 6.4 pH, 5.3% OM, 24.9 CEC
PEST MANAGEMENT:	Halex, Atrazine, Diflexx, Force
FERTILITY - Applied N:	Supplied by manure dairy pack manure
Applied N-P-K (units):	0-0-0
SEEDING - RATE - ROW:	May 15 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 29 33.1 /A

TEST COMMENTS:

This location is a gently sloped site. The corn was standing well, and the ears were large and filled to the tips. Ray, our host farmer, said that May was wet, June and July were good, but the rain turned on August 1st and continued thru September. The harvest conditions were cold and the corn shelled well for moisture.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
GOLD COUNTRY	89-59R2P	VT2P,B	89	243.6	20.1	0	34.8	821	1
PIONEER	P9492AM GC	AM,B	94	238.8	21.8	0	33.9	795	2
DAIRYLAND	DS-3550AM	AM	95	238.7	23.4	0	33.4	785	3
TITAN PRO	82-95 2P	VT2P,B	95	234.0	22.5	0	33.9	775	4
GOLDEN HARVEST	G91V51-3110A	3110,A	91	229.9	20.8	2	34.8	771	5
THUNDER	6094 VT2P	VT2P,B	94	228.9	21.4	0	33.9	765	6
LATHAM	LH3937VT2PRIB	VT2P,B	89	228.5	21.2	0	33.4	765	7
DAHLMAN	R47-26VT2PRIB	VT2P,B	94	228.1	21.3	0	33.9	762	8
THUNDER	6595 VT2P	VT2P,B	95	227.5	22.5	0	33.9	753	9
DAIRYLAND	DS-3518AMXT	AMXT,B	95	226.8	22.5	1	33.4	751	10
TITAN PRO	90-94 2P	VT2P,B	94	223.1	22.4	0	34.3	740	12
LATHAM	LH4375VT2PRIB	VT2P,B	93	221.1	21.7	0	31.9	737	13
FEDERAL	4580VT2PRIB	VT2P,B	95	219.3	23.1	0	34.8	723	17
DAHLMAN	R43-29VT2PRIB	VT2P,B	86	219.2	19.8	0	31.9	741	11
LATHAM	LH4454VT2PRIB	VT2P,B	94	218.9	22.3	0	34.3	726	15
GOLD COUNTRY	92-45R2P	VT2P,B	92	218.3	21.8	0	34.8	727	14
GOLD COUNTRY	94-19RSS	STX,B	94	218.3	22.6	0	31.4	723	18
GOLD COUNTRY	90-71R2P	VT2P,B	90	218.2	21.9	0	33.8	726	16
THUNDER	6992 VT2P	VT2P,B	92	217.9	22.9	0	32.9	720	21
TITAN PRO	82-90 2P	VT2P,B	90	216.9	22.5	0	34.3	718	22
THUNDER	6993 VT2P	VT2P,B	93	216.3	21.7	6	30.5	721	19
NK BRAND	NK9175-3110A	3110,A	91	215.9	21.5	2	33.4	721	20
LATHAM	LH4517VT2PRIB	VT2P,B	95	215.3	22.9	0	34.8	711	23
RENK	RK561DGV2P	VT2P,DG	95	214.7	22.5	0	32.4	711	24
GOLDEN HARVEST	G90Y04-3220A-EZR	3220,A,B	92	213.3	22.1	0	31.9	709	27
DAIRYLAND	DS-2989Z	3120	89	212.2	21.2	0	33.4	710	26
ANDERSON	742R GC	RR2	92	212.0	22.8	0	33.9	701	30
NK BRAND	NK9535-3220-EZR	3220,B	95	212.0	20.8	0	34.3	711	25
LATHAM	LH3827VT2PRIB	VT2P,B	88	211.6	21.6	0	30.9	706	28
THUNDER	6791 VT2P	VT2P,B	91	210.6	20.9	0	32.4	706	29

Averages = **213.9** 21.7 0 33.1 713

LSD (0.10) = 14.9 0.8 1

LSD (0.25) = 7.8 0.4 0

C.V. = 6.6

Ed Dahle

ed.dahle@firstseedtests.com, (507) 456-6624

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.50; non-GMO = \$3.50

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®TRIssect (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.