

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

2019 Corn Grain Top 30 Harvest Report

Red River Central North Dakota & Minnesota [RRCE] GRAND FORKS, ND

Andrew Galegher, Grand Forks County, ND 58278

Early-Season Test 80 - 85 Day CRM
B2019RRCE04a

Top 30 of 32 For Gross Income
(Sorted by Yield)
Average of () Replications

PREV. CROP/HERB: Soybean / Verdict, Roundup

SOIL DESCRIPTION: Bearden silty clay loam, non-irrigated

SOIL CONDITION: Conventional W/O Fall Till, very low P, medium K, 7.9 pH, 4.8% OM, 30.5 CEC

PEST MANAGEMENT: Verdict, Roundup

FERTILITY - Applied N: 125 Spring

Applied N-P-K (units): 125-14-0

SEEDED - RATE - ROW: May 18 34.5 /A 30" spacing

HARVESTED - STAND:

TEST COMMENTS:

Due to extremely difficult harvest conditions this year including muddy impassible field conditions, high grain moistures with very low test weight, and snowfall affecting test quality and accessibility, the plot could not be harvested.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Lost. Harvest impossible due to impassible fields.									
Averages =									
LSD (0.10) = ns ns ns									
LSD (0.25) = ns ns ns									
C.V. =									
Yield & Income Factors: Base Moisture = 15% Shrink = 1.2 Drying = \$0.00 Prices: GMO = \$3.75									

Report Date: 12/09/2019

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

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Early-Season Test Products (32 Total)

Company/Brand	Product/Brand	Technology	RM
BIOGENE	BG510VP GC	3110,A,B	81
DAIRYLAND	DS-9085	3122	84
DAIRYLAND	EXP-08508	AMXT,B	85
DEKALB	DKC35-88RIB CK	VT2P,B	85
DYNA-GRO	D22QH42	3110	82
ENESTVEDT	E843RR	RR2	85
GOLDEN HARVEST	G80Q01-3110A	3110,A	80
GOLDEN HARVEST	G84J92-3120A-EZR	3120,A,B	84
GOLDEN HARVEST	G85Z56-3220-EZR	3220,B	85
HEFTY	H3122VT2PRIB	VT2P,B	81
HEFTY	H3322VT2PRIB	VT2P,B	83
HEFTY	H3432VT2PRIB	VT2P,B	84
HEFTY	H3532VT2P	VT2P	85
INTEGRA	3009	VT2P	80
INTEGRA	3282	VT2P,B	82
INTEGRA	3537	VT2P,B	85
INTEGRA	CX811083	VT2P	83
LATHAM	LH3035VT2PRIB	VT2P,B	80
LATHAM	LH3151RR	RR2	81
LATHAM	LH3325VT2PRIB	VT2P,B	83
LATHAM	LH3427GTCBLL	3010	84
LATHAM	LH3547VT2PRIB	VT2P,B	85
NK BRAND	NK8005-3110A	3110,A	80
NK BRAND	NK8204-3220-EZR	3220,B	82
NK BRAND	NK8455-3220A-EZR	3220,A,B	84
PROSEED	1984VT2PRIB	VT2P,B	84
RENK	RK264RR	RR2	85
STINE	9140-G	GT	82
THUNDER	6081 3220	3220,B	81
THUNDER	6085 VT2P	VT2P,B	85
THUNDER	6782 VT2P	VT2P,B	82
THUNDER	6983 VT2P	VT2P,B	83

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Full-Season Test Products (44 Total)

Company/Brand	Product/Brand	Technology	RM
DAIRYLAND	DS-2989Z	3120	89
DAIRYLAND	DS-6686	GT	87
DEKALB	DKC35-88RIB CK	VT2P,B	85
DYNA-GRO	D27VC87	VT2P	87
ENESTVEDT	E878DP RIB	VT2P,B	87
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
HEFTY	H3632VT2P	VT2P	86
HEFTY	H3712VT2PRIB	VT2P,B	87
HEFTY	H3922VT2PRIB	VT2P,B	89
HEFTY	H4012VT2PRIB	VT2P,B	90
HEFTY	H4032VT2P	VT2P	90
INTEGRA	3629	VT2P,B	86
INTEGRA	3718	VT2P,B	87
INTEGRA	3839	VT2P,B	88
INTEGRA	CX911090	VT2P	90
LATHAM	EX 3945 VT2P	VT2P	89
LATHAM	LH3695VT2PRIB	VT2P,B	86
LATHAM	LH3755VT2PRIB	VT2P,B	87
LATHAM	LH3827VT2PRIB	VT2P,B	88
LATHAM	LH3937VT2PRIB	VT2P,B	89
MUSTANG	2290VT2PRIB GC	VT2P,B	90
MUSTANG	2291VT2PRIB GC	VT2P,B	91
MUSTANG	3287VT2PRIB GC	VT2P,B	87
NK BRAND	NK8618-3120A-EZR	3120,A,B	86
NK BRAND	NK8881-3120A-EZR	3120,A,B	88
PROSEED	1787VT2PRIB	VT2P,B	87
PROSEED	1790VT2PRIB	VT2P,B	90
REA	2A872	VT2P,B	87
REA	2B862	VT2P,B	86
REA	3A891	STX,B	89
REA	3B902	VT2P,B	90
RENK	RK278VT2P	VT2P,B	87
RENK	RK287VT2P	VT2P,B	87
RENK	RK312VT2P	VT2P	90

Company/Brand	Brand/Product	Technology	RM
RENK	RK408VT2P	VT2P,B	90
STINE	9212-10	3010,A	89
THUNDER	6090 3120	3120,B	90
THUNDER	6789 VT2P	VT2P,B	89
THUNDER	6888 VT2P	VT2P,B	88
THUNDER	6986 VT2P	VT2P,B	86
THUNDER	6987 VT2P	VT2P,B	87
TITAN PRO	82-90 2P	VT2P,B	90

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.