

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

2019 Corn Grain Top 30 Harvest Report

North Dakota Southeast [NDSE] LITCHVILLE, ND

Mark Formo, Barnes County, ND 58461

Early-Season Test

85 - 90 Day CRM
B2019NDSE03a

Top 30 of 40

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

PREV. CROP/HERB:

Soybean / Authority, Roundup

SOIL DESCRIPTION:

Barnes-Cavour loam, non-irrigated

SOIL CONDITION:

Conventional W/O Fall Till, very high P, very high K, 6.4 pH, 3.9% OM, 17.7 CEC

PEST MANAGEMENT:

Atrazine, Roundup, Resicore

FERTILITY - Applied N:

123 Spring, 6 Planter

Applied N-P-K (units):

129-20-0

SEEDED - RATE - ROW:

May 16 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 mud and snow.									
				Averages =					
				LSD (0.10) =	ns	ns	ns		
				LSD (0.25) =	ns	ns	ns		
				C.V. =					

Luke Brendemuhl

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Yield & Income Factors:

Base Moisture = 15%

Shrink = 1.2

Drying = \$0.00

Prices: GMO = \$3.75

Report Date: 12/05/2019

† 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 Grain Top 30 Harvest Report

North Dakota Southeast [NDSE] LITCHVILLE, ND

Mark Formo, Barnes County, ND 58461

Full-Season Test

91 - 95 Day CRM
B2019NDSE03b

Top 30 of 32

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

PREV. CROP/HERB:

Soybean / Authority, Roundup

SOIL DESCRIPTION:

Barnes-Cavour loam, non-
irrigated

SOIL CONDITION:

Conventional W/O Fall Till, very
high P, very high K, 6.4 pH,
3.9% OM, 17.7 CEC

PEST MANAGEMENT:

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LSD (0.10) = ns ns ns									
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Shrink = 1.2

Drying = \$0.00

Prices: GMO = \$3.75

2019 Corn - North Dakota Southeast [NDSE]

Early-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RM
DAIRYLAND	DS-2989Z	3120	89
DAIRYLAND	DS-6686	GT	87
DEKALB	DKC32-12RIB GC	VT2P	82
DEKALB	DKC40-78RIB CK	VT2P,B	90
DYNA-GRO	D27VC87	VT2P	87
GOLDEN HARVEST	G85Z56-3220-EZR	3220,B	85
GOLDEN HARVEST	G88F37-3120A-EZR	3120,A,B	88
GOLDEN HARVEST	G89A09-3120-EZR	3120,B	89
HEFTY	H3532VT2P	VT2P	85
HEFTY	H3622VT2PRIB	VT2P,B	86
HEFTY	H3632VT2P	VT2P	86
HEFTY	H3712VT2PRIB	VT2P,B	87
HEFTY	H3922VT2PRIB	VT2P,B	89
INTEGRA	3629	VT2P,B	86
INTEGRA	3718	VT2P,B	87
INTEGRA	3839	VT2P,B	88
INTEGRA	CX911090	VT2P	90
MUSTANG	2283VT2PRIB GC	VT2P,B	83
MUSTANG	2290VT2PRIB GC	VT2P,B	90
MUSTANG	3287VT2PRIB GC	VT2P,B	87
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
PROSEED	1787VT2PRIB	VT2P,B	87
PROSEED	1790VT2PRIB	VT2P,B	90
REA	2A872	VT2P,B	87
REA	2B861	VT2P,B	86
REA	2B862	VT2P,B	86
REA	3A891	STX,B	89
REA	3B902	VT2P,B	90
RENK	RK264RR	RR2	85
RENK	RK278VT2P	VT2P,B	87
RENK	RK287VT2P	VT2P,B	87
RENK	RK408VT2P	VT2P,B	90
THUNDER	6090 3120	3120,B	90

Company/Brand	Brand/Product	Technology	RM
THUNDER	6789 VT2P	VT2P,B	89
THUNDER	6888 VT2P	VT2P,B	88
THUNDER	6986 VT2P	VT2P,B	86
THUNDER	6987 VT2P	VT2P,B	87

2019 Corn - North Dakota Southeast [NDSE]

Full-Season Test Products (32 Total)

Company/Brand	Product/Brand	Technology	RM
DAIRYLAND	DS-3370AM	AM	93
DAIRYLAND	DS-3518AMXT	AMXT,B	95
DAIRYLAND	DS-3550AM	AM	95
DAIRYLAND	DS-7294A	3220	94
DEKALB	DKC40-78RIB CK	VT2P,B	90
DYNA-GRO	D35VC35	VT2P	95
GOLDEN HARVEST	G91V51-3110A	3110,A	91
GOLDEN HARVEST	G95D32-3220-EZR	3220,B	95
GOLDEN HARVEST	G95M41-3010	3010	95
HEFTY	H4132VT2P	VT2P	91
HEFTY	H4222VT2PRIB	VT2P,B	92
HEFTY	H4322VT2PRIB	VT2P,B	93
HEFTY	H4332VT2P	VT2P	93
HEFTY	H4522VT2PRIB	VT2P,B	95
INTEGRA	4119	VT2P,B	91
INTEGRA	4342	VT2P,B	93
INTEGRA	4509	VT2P,B	95
MUSTANG	3294VT2PRIB GC	VT2P,B	94
MUSTANG	4291VT2PRIB GC	VT2P,B	91
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	P9188VT2P GC	VT2P,B	91
PROSEED	1591VT2PRIB	VT2P,B	91
PROSEED	1794VT2PRIB	VT2P,B	94
RENK	RK433VT2P	VT2P	92
RENK	RK561DGV2P	VT2P,DG	95
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

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.