

2019 Corn Grain Top 30 Performance Summary for North Dakota Southeast [NDSE]

Early-Season Test

85 - 90 Day CRM

B2019NDSEa

Top 30 of 40

For Gross Income (Sorted by Yield), (4) Replication Average

Company/Brand	Product/Brand	Technol. †	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Jamestown	Kulm	Litchville	Milnor	Oakes
									No Results	No Results	No Results	No Results	
DAIRYLAND	DS-6686	GT	87	<b>179.6</b>	21.2	0	554	1					<b>179.6</b>
GOLDEN HARVEST	G88F37-3120A-EZR	3120,A,B	88	<b>175.4</b>	20.6	5	544	2					<b>175.4</b>
NK BRAND	NK8618-3120A-EZR	3120,A,B	86	<b>173.8</b>	20.7	0	538	3					<b>173.8</b>
PROSEED	1790VT2PRIB	VT2P,B	90	<b>171.8</b>	19.4	0	538	4	<i>Abandoned due snows and impassible fields.</i>	<i>Abandoned due snows and impassible fields.</i>	<i>Abandoned due snows and impassible fields.</i>	<i>Abandoned due snows and impassible fields.</i>	<b>171.8</b>
INTEGRA	3839	VT2P,B	88	<b>169.1</b>	20.9	0	523	5					<b>169.1</b>
RENK	RK408VT2P	VT2P,B	90	165.3	20.0	0	515	6					<b>165.3</b>
REA	3B902	VT2P,B	90	163.4	20.5	0	507	8					163.4
NK BRAND	NK8881-3120A-EZR	3120,A,B	88	162.5	20.9	4	503	9					162.5
DEKALB	DKC32-12RIB GC	VT2P	82	161.3	20.0	0	502	10					161.3
INTEGRA	CX911090	VT2P	90	160.6	19.9	0	501	11					160.6
NK BRAND	NK8920-3120-EZR	3120,B	89	159.8	21.3	3	492	15					159.8
GOLDEN HARVEST	G89A09-3120-EZR	3120,B	89	159.7	22.1	2	489	17					159.7
REA	2B861	VT2P,B	86	159.3	16.7	0	509	7					159.3
MUSTANG	3287VT2PRIB GC	VT2P,B	87	158.7	18.9	1	499	12	158.7				
INTEGRA	3629	VT2P,B	86	157.6	18.9	0	495	13	157.6				
THUNDER	6986 VT2P	VT2P,B	86	157.0	18.8	0	494	14	157.0				
DAIRYLAND	DS-2989Z	3120	89	156.1	21.3	10	481	22	156.1				
HEFTY	H3712VT2PRIB	VT2P,B	87	156.0	19.6	4	488	18	156.0				
REA	2B862	VT2P,B	86	155.6	19.6	0	486	19	155.6				
HEFTY	H3922VT2PRIB	VT2P,B	89	155.3	20.1	0	484	20	155.3				
RENK	RK287VT2P	VT2P,B	87	154.8	19.9	1	483	21	154.8				
HEFTY	H3622VT2PRIB	VT2P,B	86	154.1	20.3	0	479	23	154.1				
THUNDER	6987 VT2P	VT2P,B	87	153.9	17.2	0	490	16	153.9				
THUNDER	6888 VT2P	VT2P,B	88	153.6	20.5	0	477	27	153.6				
GOLDEN HARVEST	G85Z56-3220-EZR	3220,B	85	152.8	19.3	2	479	24	152.8				
INTEGRA	3718	VT2P,B	87	151.4	20.2	1	471	28	151.4				
PROSEED	1787VT2PRIB	VT2P,B	87	150.4	17.6	2	478	26	150.4				
NK BRAND	NK8519-3220-EZR	3220,B	85	149.7	20.3	0	465	30	149.7				
DYNA-GRO	D27VC87	VT2P	87	147.7	18.5	0	466	29	147.7				
MUSTANG	2283VT2PRIB GC	VT2P,B	83	145.7	17.3	0	464	31	145.7				
DEKALB	DKC40-78RIB CK	VT2P,B	90	150.7	17.6	1	478	25	150.7				
<b>Averages =</b>				<b>155.2</b>	<b>19.6</b>	<b>1</b>	<b>485</b>						<b>155.2</b>
LSD (0.10) =				10.7	1.0	3							9.1
LSD (0.25) =				5.6	0.5	2							4.8

Luke Brendemuhl

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.00

Prices: GMO = \$

† 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. \*There were 3 reps for the site.

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2019 Corn Grain Top 30 Performance Summary for North Dakota Southeast [NDSE]

Full-Season Test

91 - 95 Day CRM

B2019NDSEb

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For Gross Income (Sorted by Yield), (4) Replication Average

Company/Brand	Product/Brand	Technol. †	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Jamestown	Kulm	Litchville	Milnor	Oakes
									No Results	No Results	No Results	No Results	
PIONEER	P9188VT2P GC	VT2P,B	91	<b>176.3</b>	21.4	0	543	1					<b>176.3</b>
DAIRYLAND	DS-3550AM	AM	95	<b>175.6</b>	23.7	2	531	2					<b>175.6</b>
GOLDEN HARVEST	G95M41-3010	3010	95	173.7	22.9	18	528	3					173.7
HEFTY	H4522VT2PRIB	VT2P,B	95	172.7	25.0	1	516	10	<i>Abandoned due snows and impassible fields.</i>	<i>Abandoned due snows and impassible fields.</i>	<i>Abandoned due snows and impassible fields.</i>	<i>Abandoned due snows and impassible fields.</i>	172.7
THUNDER	6094 VT2P	VT2P,B	94	170.9	22.4	0	522	5					170.9
RENK	RK561DGVT2P	VT2P,DG	95	170.6	23.0	0	519	8					170.6
THUNDER	6992 VT2P	VT2P,B	92	169.9	21.3	0	524	4					169.9
MUSTANG	4291VT2PRIB GC	VT2P,B	91	169.6	21.5	0	522	6					169.6
GOLDEN HARVEST	G91V51-3110A	3110,A	91	169.4	22.4	10	518	9					169.4
DYNA-GRO	D35VC35	VT2P	95	169.2	21.4	0	521	7					169.2
MUSTANG	3294VT2PRIB GC	VT2P,B	94	169.0	23.3	1	512	11					169.0
PROSEED	1794VT2PRIB	VT2P,B	94	168.6	23.4	0	511	13					168.6
GOLDEN HARVEST	G95D32-3220-EZR	3220,B	95	168.0	22.8	10	512	12					168.0
NK BRAND	NK9227-3220A-EZR	3220,A,B	92	167.8	24.1	9	505	16					167.8
NK BRAND	NK9535-3220-EZR	3220,B	95	166.2	22.7	14	506	15					166.2
INTEGRA	4509	VT2P,B	95	166.0	24.7	0	498	23					166.0
DAIRYLAND	DS-3518AMXT	AMXT,B	95	165.9	24.3	2	499	19					165.9
PROSEED	1591VT2PRIB	VT2P,B	91	165.3	22.3	0	505	17					165.3
DAIRYLAND	DS-3370AM	AM	93	165.2	21.2	0	510	14					165.2
HEFTY	H4222VT2PRIB	VT2P,B	92	164.9	23.3	0	500	18					164.9
NK BRAND	NK9175-3110A	3110,A	91	164.4	23.1	6	499	20					164.4
DAIRYLAND	DS-7294A	3220	94	163.7	24.1	10	493	25					163.7
RENK	RK433VT2P	VT2P	92	162.1	22.3	0	496	24					162.1
HEFTY	H4332VT2P	VT2P	93	161.7	21.1	0	499	21	161.7				
INTEGRA	4119	VT2P,B	91	160.0	19.9	0	499	22	160.0				
HEFTY	H4132VT2P	VT2P	91	159.6	22.2	0	488	26	159.6				
HEFTY	H4322VT2PRIB	VT2P,B	93	159.6	23.1	0	485	27	159.6				
THUNDER	6595 VT2P	VT2P,B	95	155.7	24.1	0	469	28	155.7				
THUNDER	6993 VT2P	VT2P,B	93	151.3	21.3	0	466	29	151.3				
THUNDER	6791 VT2P	VT2P,B	91	149.2	22.0	4	457	31	149.2				
DEKALB	DKC40-78RIB CK	VT2P,B	90	145.9	18.7	0	459	30	145.9				

**Averages = 164.3 22.5 3 501 164.3**  
 LSD (0.10) = 9.8 1.0 4 9.9  
 Luke Brendemuhl LSD (0.25) = 5.2 0.5 2 5.2

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Yield & Income Factors:

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† 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. \*There were 3 reps for the site.

## 2019 Corn Grain - 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 Grain - 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

<sup>^</sup> 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 Grain Technologies\*

3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3330	Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure® Artesian®	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum® AcreMax® TRIssect (HX,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure® Rootworm
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax® (VT3P,HXT,RR2,LL)
AQ	Optimum® AQUAMax®	TRE	Genuity® Trecepta™
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)		

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