

2018 Corn Grain Top 30 Performance Summary for North Dakota Southeast [NDSE]



Early-Season Test

85 - 90 Day CRM

B2018NDSEa

Top 30 of 40

For Gross Income (Sorted by Yield), (19) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Gwinner	Kulm			Oakes
				Bu/A ↓	%	%	\$/A	Rank		Jamestown	Litchville^		
Hefty	H3712VT2PRIB	VT2P,B	87	206.7	18.0	1	563	1	201.1	217.7	206.0	231.6	177.0
NK Brand	NK8618-3011A	3011,A	86	205.7	18.8	1	556	2	189.0	246.4	205.3	220.3	167.5
REA	2B861	VT2P,B	86	204.0	18.5	1	553	3	186.3	231.7	208.3	214.0	179.7
Golden Harvest	G84J92-3011A	3011,A	85	203.6	19.0	1	550	4	192.7	231.6	201.8	215.8	175.9
Hefty	H4012VT2PRIB	VT2P,B	90	202.2	19.0	1	546	6	175.7	237.7	201.3	224.3	172.0
Mustang	2290VT2PRIB	VT2P,B	90	200.8	18.7	0	544	7	187.8	229.0	207.1	203.7	176.5
Latham	LH4015VT2Pro	VT2P	90	200.8	19.0	1	542	8	188.9	237.8	208.1	190.5	178.5
Mustang	3287VT2PRIB	VT2P,B	87	200.4	17.9	0	547	5	192.8	229.0	193.6	207.9	178.5
Renk	RK408VT2P	VT2P,B	90	200.0	19.2	1	539	11	172.1	225.1	210.8	212.6	179.2
Dairyland	DS-9686	3000GT	86	199.8	18.8	1	540	9	192.2	224.7	202.1	217.2	163.0
Dyna-Gro	D27VC87	VT2P	87	198.1	17.9	0	540	10	194.8	239.8	199.3	193.6	163.0
Thunder	6888VT2P	VT2P,B	88	197.8	18.7	1	536	14	177.7	239.8	193.5	210.7	167.1
Proseed	1790VT2PRIB	VT2P,B	90	197.5	19.1	1	533	15	172.6	231.5	191.5	224.9	167.1
Latham	LH3695VT2ProRIB	VT2P,B	86	197.3	18.1	1	537	13	182.9	219.7	200.1	213.1	170.8
Latham	LH3937VT2ProRIB	VT2P,B	89	196.3	18.6	1	532	16	156.7	235.0	205.6	217.2	166.9
NuTech	5N-886	3011,A	86	196.1	18.6	1	531	17	168.2	229.7	206.2	212.2	164.1
Hefty	H3922VT2P	VT2P	89	196.1	18.6	1	531	18	168.2	228.7	202.8	214.0	166.6
NuTech	5GN-8484	3110,A	84	195.3	18.4	2	530	19	165.9	227.1	191.7	215.3	176.4
Renk	RK287VT2P	VT2P,B	87	194.4	18.4	1	528	20	179.8	231.6	198.2	194.5	168.0
Hefty	H3622VT2P	VT2P	86	193.6	18.4	1	526	21	169.2	228.5	194.2	214.9	161.3
Latham	LH3755VT2ProRIB	VT2P,B	87	192.9	18.5	1	523	23	179.1	227.4	198.4	205.5	154.1
NK Brand	NK8920-3120-EZR	3120,B	89	192.7	18.9	1	521	24	183.3	232.8	190.5	204.2	152.8
NuTech/G2 Gen	E5FN-A386	OI	86	192.5	17.7	2	526	22	193.0	213.8	188.7	203.9	163.2
NK Brand	NK8881-3010A	3010,A	88	192.1	18.5	1	521	25	176.9	226.2	189.8	214.5	153.2
REA	3B902	VT2P,B	90	191.9	18.7	2	520	26	135.8	230.3	195.1	218.3	180.1
Golden Harvest	G89A09-3120-EZR	3120,B	89	190.9	19.2	1	514	30	184.0	227.0	185.5	203.6	154.4
Golden Harvest	G88F37-3010A	3010,A	88	190.8	18.3	1	518	27	171.0	215.6	178.7	238.0	150.9
Mustang	3286VT2PRIB	VT2P,B	86	189.7	18.1	4	516	28	155.2	222.0	211.4	206.2	153.6
Proseed	1787VT2PRIB	VT2P,B	87	188.8	18.2	0	514	31	176.4	228.5	170.2	193.3	175.6
REA	3B891	VT2P,B	89	188.6	17.8	1	515	29	161.4	239.1	182.5	194.6	165.6
Pioneer	P9188AM CK	AM,B	91	199.1	19.0	0	538	12	180.6	219.8	203.7	220.8	170.6

Averages =	192.7	18.4	1	523	173.6	224.3	193.0	207.9	164.5
LSD (0.10) =	8.2	0.4	ns		15.4	13.7	9.1	12.8	9.8
LSD (0.25) =	4.3	0.2	ns		8.1	7.2	4.8	6.7	5.2

Luke Brendemuhl

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Previous years average yield for region, 178.6 bu/a, 2 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$2.80 GMO; \$2.80 non-GMO

† See last page for additional information. Dark shaded 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 test grain moisture limit. ns = not significantly different; ‡ = 2 reps; ^ = 3 reps.

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Report Date: 11/28/2018

Revised:

2018 Corn Grain Top 30 Performance Summary for North Dakota Southeast [NDSE]



Full-Season Test

91 - 95 Day CRM

B2018NDSEb

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For Gross Income (Sorted by Yield), (19) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income		Winner	Jamestown	Kulm	Litchville^	Oakes
							\$/A	Rank					
Dyna-Gro	D34VC54	VT2P	94	225.1	20.4	1	600	1	207.7	252.5	241.6	238.4	185.5
Hefty	H4522VT2P	VT2P	95	222.7	21.1	1	590	2	202.7	245.2	233.1	239.4	193.3
Mustang	3294VT2PRIB	VT2P,B	94	218.3	20.3	1	582	3	206.1	238.4	225.1	238.1	183.7
Thunder	6794VT2P	VT2P,B	94	217.6	20.8	1	578	4	203.4	244.0	234.8	228.0	177.6
Latham	LH4437VT2ProRIB	VT2P,B	94	213.8	20.5	2	569	5	194.2	241.7	228.4	220.8	184.0
Dairyland	DS-7294A	3220	94	212.1	20.7	0	564	6	206.9	236.5	215.6	223.0	178.4
NuTech	5G-293	3110,A	93	209.4	20.0	0	560	7	202.2	222.4	216.3	226.8	179.2
Proseed	1794VT2PRIB	VT2P,B	94	209.2	20.6	1	556	9	197.5	236.8	216.8	221.5	173.6
Hefty	H4222VT2P	VT2P	92	208.0	20.2	0	555	12	205.3	229.7	206.3	220.1	178.7
Mustang	2291VT2PRIB	VT2P,B	91	207.8	19.7	1	557	8	200.3	223.7	220.3	224.5	170.3
Hefty	H4322VT2P	VT2P	93	207.5	19.8	1	556	10	199.9	227.4	217.3	216.6	176.5
Latham	EX4325VT2Pro	VT2P	93	207.3	19.8	0	556	11	197.6	237.2	213.2	211.8	176.7
NK Brand	NK9227-3220A-EZR	3220,A,B	92	207.3	20.6	0	551	16	204.5	228.3	207.3	230.6	165.6
Latham	LH4517VT2Pro	VT2P	95	207.2	20.1	1	554	13	212.0	230.9	215.9	212.2	165.0
Thunder	6993VT2P	VT2P	93	207.1	20.1	0	553	14	199.5	244.9	213.0	217.8	160.2
Golden Harvest	G90Y04-3220A-EZR	3220,A,B	92	206.4	20.5	0	550	17	221.4	210.7	210.0	222.1	167.8
Thunder	6992VT2P	VT2P	92	205.6	19.4	0	553	15	196.2	222.3	213.2	215.4	180.9
Thunder	6791VT2P	VT2P,B	91	203.6	19.4	1	548	18	178.4	223.2	222.5	216.3	177.6
Renk	RK568VT2P	VT2P,B	94	201.8	20.5	0	537	21	193.5	222.8	208.8	211.5	172.3
Renk	RK433RR	RR2	92	201.6	20.1	0	539	20	194.0	221.6	213.6	213.1	165.5
Golden Harvest	G95D32-3220-EZR	3220,B	95	198.5	20.9	1	527	24	182.2	224.4	212.6	216.9	156.3
Proseed	1395VT2P GC	VT2P	95	197.0	20.6	1	524	25	187.9	209.6	196.4	218.8	172.4
Dyna-Gro	D32VC41	VT2P	92	196.7	19.5	1	529	22	190.9	212.3	208.7	205.6	165.8
REA	3D910	VT2P,DG,B	91	195.9	18.9	1	529	23	180.3	218.2	202.2	203.3	175.3
Latham	LH4187VT2Pro	VT2P	91	194.8	19.6	1	523	26	180.5	206.7	202.1	219.6	164.9
Hefty	H4324SS	STX	93	194.1	20.0	1	519	27	184.3	212.3	196.6	221.2	156.2
NK Brand	NK9505-3110	3110	95	191.6	19.6	1	514	28	189.5	210.2	191.3	207.0	159.8
Renk	8-536VT2P	VT2P	94	191.6	20.2	6	512	29	158.0	234.0	200.2	216.2	149.8
REA	3B923	VT2P,B	92	190.2	20.0	8	509	30	131.3	229.2	206.4	214.9	169.4
Proseed	1591VT2PRIB	VT2P,B	91	182.8	19.5	2	491	31	166.9	202.0	181.3	198.2	165.8
Pioneer	P9188AM CK	AM,B	91	202.1	19.7	0	542	19	198.5	212.3	208.5	224.0	167.2

Averages =	203.5	20.1	1	544	192.6	225.4	211.4	218.8	169.5
LSD (0.10) =	8.1	0.5	ns		13.3	13.7	10.0	11.2	13.4
LSD (0.25) =	4.3	0.2	ns		7.0	7.2	5.3	5.9	7.0

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Report Date: 11/28/2018

Revised:

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks 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*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
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)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
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

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

Corn Seed Treatments**

?	information not provided	D	Dynasty®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
A	Allegiance®	Es	Escalate®	R	Raxil®
AC	Acceleron® fungicide products	HC	Hefty Complete	Sa	Sativa™
AL2500	Alert 2500	In	Intego™ Solo	Se	Sebring™
At	Actellic®	L	Lorsban®	Sn	Senator™
AVC	Avicta® Complete Corn	Lu	Lumivia™	Sp	Spirato™
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	M	Maxim XL®	SC	SHIELDCoat™
CE	Cruiser Xtreme®	MQ	Maxim Quattro®	V	Votivo®
CM	CruiserMaxx® Corn	None	untreated	Vi	Vibrance®

** Seed treatments may include unspecified plant health promoting components.