

2017 Corn Grain Top 30 Performance Summary for North Dakota Southeast [ NDSE ]



Early-Season Test

85 - 90 Day CRM

B2017NDSEa

Top 30 of 36

For Gross Income (Sorted by Yield), (14) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/A	Rank	Jamestown	Kulm‡	Litchville	Oakes	Oriska‡
Hefty	H3902VT2PRIB	VT2P,B	89	161.2	17.3	0	424	1	191.9	179.6	139.5	129.3	133.7
REA	2B861	VT2P,B	86	161.0	17.3	1	424	2	195.6	180.7	135.5	129.3	132.0
Mustang	3287VT2PRIB	VT2P,B	87	157.7	17.5	3	414	3	192.7	176.2	133.1	129.6	128.6
Legacy Seeds	L-3017VT2PRO	VT2P	90	157.1	20.1	1	403	7	190.1	159.3	158.0	146.9	121.1
Mustang	2290VT2PRIB	VT2P,B	90	156.4	18.4	0	407	5	181.8	178.7	150.4	135.5	114.5
Dairyland	DS-9686	3000GT	86	156.2	18.1	1	408	4	179.6	176.5	133.4	129.3	135.1
Renk	RK408RR	RR2	90	156.0	18.5	3	406	6	197.9	164.6	131.7	129.3	129.7
Latham	LH3937VT2Pro	VT2P	89	155.5	20.2	0	398	11	194.1	153.0	150.7	129.3	124.0
Latham	LH4097VT2ProRIB	VT2P,B	90	152.6	18.2	1	398	12	177.1	172.9	139.9	129.3	120.5
Proseed	PX787VT2PRIB	VT2P,B	87	152.4	17.4	4	401	8	190.9	165.2	130.2	129.3	123.1
Hefty	H4012VT2P	VT2P	90	152.4	20.2	0	390	21	182.2	160.9	149.4	129.3	117.1
Mustang	2289VT2PRIB	VT2P,B	89	152.2	18.3	0	397	14	191.7	159.5	129.0	129.3	128.5
Taylor	EXP 87 GC	VT2P	87	151.8	17.5	6	399	9	198.4	162.9	118.7	129.3	127.0
Golden Harvest	G89A09-3010	3010	89	151.5	18.0	4	396	15	184.2	165.6	128.7	129.3	127.3
Prairie Brand	3578RA	3220,B	85	151.4	17.3	0	399	10	188.7	163.7	142.9	129.3	110.3
Hefty	H3712VT2PRIB	VT2P,B	87	150.1	17.9	2	393	16	200.2	158.5	141.8	129.3	100.0
Thunder	6789VT2PRIB	VT2P,B	89	149.8	18.3	0	391	17	198.4	155.8	151.1	129.3	93.9
Proseed	GX87-3000GT	3000GT	87	149.4	18.0	0	391	18	177.1	163.0	143.5	129.3	113.9
REA	3B902	VT2P,B	90	149.0	17.9	0	390	22	188.3	163.0	141.7	129.3	103.0
Latham	LH3877VT2ProRIB	VT2P,B	88	148.6	17.4	0	391	19	179.1	171.9	130.2	129.3	113.2
Prairie Brand	3218VX	HXT,RR2	82	147.7	16.6	1	391	20	163.9	162.6	131.7	129.3	132.7
NK Brand	NK8618-3011A	3011,A	86	147.6	18.4	0	384	23	167.1	158.5	137.5	129.3	127.1
Proseed	PX790VT2PRIB	VT2P,B	90	147.6	20.3	0	377	28	189.6	163.2	141.9	129.3	95.7
Dyna-Gro	D27VC47	VT2P	87	147.2	18.2	0	384	24	176.3	159.1	141.6	129.3	111.6
Dairyland	DS-9090SSX	STX	90	146.3	19.4	0	377	29	162.9	170.9	148.9	129.3	102.4
Latham	LH3695VT2Pro	VT2P	86	145.3	17.6	5	381	26	191.5	161.2	136.3	122.0	92.2
NuTech/G2 Gen	X5FN-8504^	OI	85	144.5	16.8	2	382	25	160.1	162.3	133.1	133.6	122.3
Thunder	6888VT2PRIB	VT2P	88	143.7	17.9	1	376	30	182.9	148.8	137.9	130.8	105.1
Taylor	T8189 GC	VT2P	89	143.0	17.3	0	376	31	179.8	156.8	135.3	121.5	100.2
Hefty	H3502VT2PRIB	VT2P,B	85	142.6	16.4	0	379	27	176.8	159.8	122.8	132.3	110.9
Channel	189-03VT2PRIB CK	VT2P,B	89	152.4	18.1	1	398	13	189.7	155.6	141.3	133.8	122.8

Data Rejected - Not in Summary

Averages =	149.2	18.0	1	390	182.0	162.4	135.9	125.9	116.3
LSD (0.10) =	7.9	0.5	ns		13.8	10.8	ns	30.4	15.7
LSD (0.25) =	4.1	0.2	ns		7.3	5.7	8.9	21.2	8.3

Previous years average yield for region, 206.4 bu/a, 1 yr

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$2.69 GMO; \$2.69 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; ‡ = 3 reps.

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com).

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Report Date: 11/15/2017

Revised:

2017 Corn Grain Top 30 Performance Summary for North Dakota Southeast [ NDSE ]



Full-Season Test

91 - 94 Day CRM

B2017NDSEb

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For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/A	Rank	Jamestown	Kulm	Litchville	Oakes	Oriska‡
Mustang	3294VT2PRIB	VT2P,B	94	174.1	21.9	0	438	1	189.6	179.9	163.1	145.5	163.7
Latham	LH4437VT2ProRIB	VT2P,B	94	171.5	21.9	0	432	2	195.8	197.0	149.7	155.6	143.5
Proseed	PX694VT2PRIB	VT2P,B	94	170.5	22.2	0	428	4	189.1	178.3	146.3	155.7	168.1
Legacy Seeds	L-3416VT2PRORIB	VT2P,B	94	169.9	21.0	0	432	3	192.5	181.2	153.4	168.7	152.6
Dyna-Gro	D34VC54	VT2P	94	169.5	21.9	1	427	5	196.1	187.4	150.4	151.1	144.2
Taylor	EXP 94 GC	VT2P	94	168.6	21.7	0	425	6	195.1	175.0	157.3	151.1	146.8
Thunder	6794VT2PRIB	VT2P,B	94	166.4	21.4	0	421	7	197.5	180.6	146.7	151.1	140.8
Dahlman	R47-24VT2PRIB GC	VT2P,B	94	164.9	21.7	0	416	8	192.7	190.3	136.4	151.1	140.1
REA	4B931-RIB	VT2P,B	93	162.6	20.9	0	413	9	181.9	164.4	154.0	151.1	150.0
Renk	RK433RR	RR2	92	162.4	20.9	2	413	10	200.3	177.4	135.5	151.1	136.3
Thunder	6791VT2PRIB	VT2P,B	91	161.2	20.3	1	412	11	172.3	184.0	136.3	151.1	152.0
Mustang	4291VT2PRIB	VT2P,B	91	159.8	20.1	0	409	12	183.7	181.1	132.0	151.1	142.5
Hefty	H4102VT2PRIB	VT2P,B	91	159.8	20.2	3	409	13	184.6	178.4	136.8	151.1	139.4
Renk	RK566SSTX	STX,B	94	158.4	21.1	0	402	15	186.8	160.0	142.2	151.1	144.4
Latham	LH4147VT2ProRIB	VT2P,B	91	157.9	20.3	0	404	14	188.1	170.1	134.7	151.1	138.5
Mustang	3292VT2PRIB	VT2P,B	92	157.3	21.0	1	400	16	183.8	182.7	136.1	151.1	126.7
Taylor	T8291RIB GC	VT2P,B	91	155.5	20.3	0	398	17	197.4	170.5	129.6	151.1	124.5
Latham	LH4242VT2ProRIB	VT2P,B	92	155.0	21.2	0	393	20	176.2	165.0	145.7	151.1	133.2
Legacy Seeds	L-3115VT2PRORIB	VT2P,B	92	154.6	20.1	0	396	18	184.6	172.7	120.5	151.1	140.4
Thunder	7993VT2PRIB	VT2P,B	93	154.6	21.6	0	390	21	183.8	172.5	134.9	151.1	127.0
Dairyland	DS-7294	3110	94	154.4	20.4	0	394	19	173.5	169.7	129.0	151.1	145.4
REA	3A922-RIB	STX,B	92	152.4	20.3	0	390	22	179.6	167.2	135.1	151.1	127.6
Renk	RK522SSTX	STX,B	94	151.2	20.9	0	384	26	175.0	170.8	148.0	151.1	111.1
Latham	LH4454VT2ProRIB	VT2P,B	94	150.4	22.1	0	378	31	165.8	164.7	141.1	151.1	129.8
Legacy Seeds	LX-3047VT2PRO	VT2P	91	149.9	19.5	0	386	25	178.1	163.4	135.8	151.1	122.3
Prairie Brand	4396GT GC	GT	94	149.3	20.9	1	380	29	165.4	167.0	131.8	151.1	132.9
REA	3B910	VT2P,B	91	149.2	18.9	0	387	24	182.5	161.2	129.9	151.1	123.0
Proseed	1591VT2PRIB	VT2P,B	91	149.0	19.9	2	383	27	174.9	177.1	116.9	151.1	127.2
Golden Harvest	G90Y04-3110A	3110,A	92	148.7	19.7	0	383	28	176.9	158.3	137.5	151.1	122.1
Thunder	7793SSRIB	STX,B	93	148.7	20.5	0	380	30	169.3	160.9	128.4	151.1	136.3
Channel	189-03VT2PRIB CK	VT2P,B	89	149.0	18.4	1	388	23	187.7	164.8	118.7	151.1	124.7
Averages =				155.2	20.7	2	396		179.0	172.5	134.0	137.0	135.4
LSD (0.10) =				8.0	0.5	3			10.0	8.7	9.5	28.7	19.3
LSD (0.25) =				4.2	0.3	1			5.3	4.6	5.0	20.0	10.1

Data Rejected - Not in Summary

Previous years average yield for region, 206.4 bu/a, 1 yr

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$2.69 GMO; \$2.69 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; ‡ = 3 reps.

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## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	^ G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. HPT® brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, Power Plus®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.
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)	GT	Agrisure® GT
3010	Agrisure® 3010 (CB,LL,GT)	HX	Herculex® 1, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink®
3120	Agrisure® 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3220	Agrisure® Viptera® 3220 (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®	VT2P	Genuity® VT Double PRO®
B	Refuge Blend	VT3P	Genuity® VT Triple PRO®
CB	Agrisure® Corn Borer	YGCB	YieldGard® Corn Borer
DG	Genuity® DroughtGard®		

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

### Corn Seed Treatments\*\*

?	information unavailable	CM	CruiserMaxx® Corn	None	untreated
A	Allegiance®	D	Dynasty®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AC	Acceleron® fungicide products	Es	Escalate®	R	Raxil®
AL2500	Alert 2500™	In	Intego™ Solo	SC	SHIELDCoat™
At	Actellic®	L	Lorsban®	V	Votivo®
AVC	Avicta® Complete Corn	Lu	Lumivia™	Vi	Vibrance®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	M	Maxim XL®		
CE	Cruiser Extreme®	MQ	Maxim Quattro®		

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