

2016 Corn Grain Top 30 Performance Summary for North Dakota Southeast [NDSE]



Early-Season Test

85 - 90 Day CRM

B2016NDSEa

Top 30 of 36

For Gross Income (Sorted by Yield), (17) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Colfax	Moorhead				
				Bu/A	%	%	\$/A	Rank		Jamestown	Kulm	Litchville‡	Oakes*	
AgVenture	AV2985ABW	3011,A	86	218.7	16.7	1	634	1		242.7	220.0	227.3	206.3	197.1
NuTech	5N-886	3000GT	86	218.3	16.5	1	634	2		244.6	225.2	220.6	191.5	209.8
Latham	LH4097VT2ProRIB	VT2P,B	90	217.5	17.2	1	627	3		238.3	229.6	225.3	207.8	186.7
Latham	LH3877VT2Pro	VT2P	88	216.0	17.0	1	624	4		249.6	231.7	204.7	201.6	192.5
REA	3B330-RIB	VT2P,B	90	214.9	16.8	2	622	5		247.9	236.6	207.6	203.0	179.5
Renk	6-298VT2P	VT2P	89	214.8	16.8	1	622	6		247.1	231.7	220.8	199.2	175.1
Mustang	2289GENVT2P	VT2P	89	214.2	16.7	2	621	8		251.7	225.0	217.0	203.3	174.1
Croplan	2845VT2P/RIB GC	VT2P,B	89	214.0	16.4	2	622	7		242.9	239.1	204.6	194.9	188.3
NuTech/G2 Gen	5F-488^	AM,B	88	213.9	16.5	1	621	9		247.0	223.5	217.2	195.4	186.4
Renk	RK299VT2P	VT2P,B	89	213.4	16.9	1	617	10	Lost test - no harvest results	236.8	227.1	216.9	195.5	190.5
Thunder	Exp 89	VT2P	89	213.0	16.7	1	617	11		237.3	221.0	202.4	211.8	192.7
Prairie Brand	3717GT3	3000GT	87	212.9	16.7	1	617	12		236.9	223.6	207.8	199.3	196.9
NuTech	X5B-8801	3010	88	211.5	16.7	1	613	13		234.0	213.9	199.7	205.4	204.6
Wensman	W 8110VT2RIB GC	VT2P,B	91	210.5	17.1	1	608	15		230.2	227.6	215.8	195.3	183.4
Latham	LH3614-3011A	3011,A	86	210.0	16.6	1	609	14		235.7	223.4	209.8	189.4	191.8
Dekalb	DKC38-03RIB GC	VT2P,B	88	208.8	16.8	1	604	19		238.5	223.0	213.0	196.7	172.9
Dyna-Gro	D27VC47	VT2P	87	208.1	16.4	2	605	17		223.0	225.5	208.2	200.5	183.4
Thunder	7188VT2PRIB	VT2P,B	88	208.1	16.8	1	602	21		246.3	219.6	219.4	188.6	166.8
Thunder	4585RR	RR2	85	207.9	16.4	1	604	20		240.9	226.3	204.0	190.0	178.4
Mustang	3285GENVT2P	VT2P	85	207.0	15.7	1	605	18		240.2	210.3	214.4	191.5	178.4
AgVenture	RL3645AM^	AM,B	89	205.7	16.5	4	597	22		232.7	228.4	207.6	185.2	174.8
Dairyland	DS-9787SSX	STX	87	204.4	16.1	1	595	23		233.1	215.5	201.8	187.2	184.6
Dairyland	DS-9686	3000GT	86	203.9	16.4	1	592	25		237.5	217.4	206.4	196.1	161.9
REA	2B860-RIB	VT2P,B	86	203.6	15.7	1	595	24		231.0	217.2	205.0	191.2	173.5
REA	2A871-RIB	STX,B	87	203.5	17.2	1	587	26		230.9	218.6	205.0	182.0	181.2
Latham	LH3547VT2Pro	VT2P	85	201.1	16.4	1	584	27		236.5	210.2	199.2	194.3	165.4
Partners Brand	PB 5203-3000GT GC	3000GT	82	200.0	16.6	1	580	29	217.0	218.1	196.7	186.3	181.7	
Renk	RK267VT2P	VT2P,B	86	199.9	16.0	1	583	28	236.6	218.1	199.0	193.0	152.7	
Pioneer	P8673AM GC	AM,B	86	199.3	16.5	2	578	30	229.2	210.9	211.4	181.6	163.5	
Proseed	1385VT2PRIB	VT2P,B	85	198.0	16.0	1	577	31	227.8	218.6	198.2	186.7	158.6	
Dekalb	DKC39-28RIB CK	VT2P,B	89	209.7	16.8	1	607	16	233.6	225.2	208.5	191.7	189.7	

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Averages =	207.2	16.5	1	601	235.2	220.3	206.7	193.3	180.6
LSD (0.10) =	8.3	0.4	ns		16.6	14.2	17.6	13.0	17.5
LSD (0.25) =	5.8	0.3	ns		11.6	9.9	12.2	9.0	12.2

New test region, no yield history

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.2 Drying = \$0.025 Prices = \$2.94 GMO; \$2.94 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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2016 Corn Grain Top 30 Performance Summary for North Dakota Southeast [NDSE]



Full-Season Test

91 - 94 Day CRM

B2016NDSEb

Top 30 of 36

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Colfax	Moorhead				
				Bu/A ↓	%	%	\$/A	Rank		Jamestown	Kulm	Litchville*	Oakes	
Mustang	3294GENVT2P	VT2P	94	235.3	18.9	1	669	1		265.6	245.6	227.0	221.3	217.2
NuTech	5B-293	3010	93	234.5	18.5	1	669	2		265.7	242.6	234.6	210.9	218.6
Prairie Brand	4487AS3110	3110	94	229.1	18.6	1	653	3		253.4	246.5	216.6	218.4	210.6
Latham	LH4437VT2Pro	VT2P	94	228.9	18.9	1	651	5		257.5	241.8	220.2	218.3	206.6
Dekalb	DKC44-15RIB GC	VT2P,B	94	228.8	18.9	1	650	7		257.8	231.7	220.4	222.8	211.2
Partners Brand	PB 6003-3000GT GC	3000GT	90	227.0	17.7	2	652	4		263.6	244.3	221.2	211.2	194.9
Latham	LH4147VT2ProRIB	VT2P,B	91	226.1	17.5	1	651	6		258.8	236.1	219.9	217.6	198.2
King Seed	4640-3110A	3110,A	94	225.7	18.2	1	646	9		270.3	241.7	212.7	212.0	191.9
Mustang	4291GENVT2PRIB	VT2P,B	91	225.5	17.5	1	649	8		253.4	236.7	218.9	217.8	200.6
Renk	RK568VT3P GC	VT3P	95	224.5	19.0	1	638	13	Lost test - no harvest results	248.8	235.4	225.1	215.7	197.6
Proseed	PX591VT2P	VT2P	91	224.2	17.6	1	645	10		243.3	244.5	213.9	218.1	201.0
Dairyland	DS-7294	3110	94	224.0	18.3	2	640	12		258.9	236.0	215.6	211.9	197.7
AgVenture	AV4291V10	3110,A	91	222.4	18.0	1	637	14		253.7	251.2	216.5	205.2	185.3
Renk	RK408VT2P	VT2P	91	222.1	17.1	1	641	11		240.7	242.3	222.1	204.4	201.1
Dyna-Gro	D32VC56	VT2P	92	221.9	18.2	1	635	15		244.3	232.2	221.3	212.8	199.0
Latham	LH4242VT2ProRIB	VT2P,B	92	221.9	18.4	1	634	16		254.5	226.9	217.1	213.3	197.7
Prairie Brand	4284RA	STX,B	93	221.1	19.3	1	626	21		249.8	231.3	209.3	210.4	204.9
Dyna-Gro	D32VC41	VT2P	92	220.6	17.8	1	633	17		249.3	232.4	227.8	205.0	188.5
Proseed	1392VT2PRIB	VT2P,B	92	220.0	18.1	1	630	18		258.5	227.7	216.5	204.4	193.0
Thunder	7993VT2PRIB	VT2P,B	93	219.9	18.2	1	629	20		248.7	223.6	208.2	214.0	205.0
Pioneer	P9526AM GC	AM,AQ,B	95	219.4	18.4	2	626	22		236.2	232.2	218.4	213.7	196.7
Thunder	Exp 91	VT2P	91	219.3	17.6	1	630	19		248.1	228.6	218.6	203.1	198.0
Latham	LH4454VT2ProRIB	VT2P,B	94	219.1	19.3	1	621	25		247.2	232.9	216.6	198.7	200.1
Pioneer	P9188AM GC	AM,B	91	217.2	17.9	1	623	24		237.4	228.0	216.0	224.8	180.0
Renk	RK433VT2P	VT2P	92	216.9	18.2	1	620	26		237.6	228.2	215.0	207.8	195.9
REA	4B931-RIB	VT2P,B	93	214.9	18.5	1	613	28		231.6	225.8	211.9	209.7	195.7
Mustang	3894GENSSRIB	STX,B	94	214.9	18.7	1	612	29		238.3	229.9	203.2	209.9	193.0
Mycogen	2V357a GC	STX,B	93	214.8	18.7	1	612	30		249.7	210.6	222.0	205.3	186.2
NuTech/G2 Gen	5F-091^	AM,B	91	213.7	17.4	2	615	27	226.2	231.9	208.9	205.5	195.8	
REA	3A922-RIB	STX,B	92	211.4	18.0	1	606	31	250.0	232.4	199.5	199.3	175.8	
Dekalb	DKC39-28RIB CK	VT2P,B	89	217.1	17.5	1	625	23	255.2	229.4	208.2	207.4	185.3	

 Kevin Coey kevincoey@firstseedtests.com, (815) 985-7369	Averages =	220.3	18.3	1	630	248.1	232.7	213.9	210.3	196.8
	LSD (0.10) =	7.9	0.5	1		17.9	14.2	18.4	11.9	15.3
	LSD (0.25) =	5.5	0.4	0		12.5	9.9	12.8	8.3	10.7

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.2 Drying = \$0.025 Prices = \$2.94 GMO; \$2.94 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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Full-Season Test Products (36 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
AgVenture	AV4291V10	3110,A	AVC,C2,Vi	91
AgVenture	AV4491YHBW^	OIX,B	MQ,P1V,R	91
AgVenture	RL4616HBW^	HXT,RR2	MQ,P5V,R	94
Dairyland	DS-7294	3110	CM,C5,Vi,In	94
Dekalb	DKC39-28RIB CK	VT2P,B	AC,P2	89
Dekalb	DKC44-15RIB GC	VT2P,B	AC,P2	94
Dyna-Gro	D32VC41	VT2P	AC,P5V	92
Dyna-Gro	D32VC56	VT2P	AC,P5V	92
King Seed	4640-3110A	3110,A	AVC,C2,Vi	94
Latham	LH4147VT2ProRIB	VT2P,B	AC,P2	91
Latham	LH4242VT2ProRIB	VT2P,B	AC,P2	92
Latham	LH4437VT2Pro	VT2P	AC,P5V	94
Latham	LH4454VT2ProRIB	VT2P,B	AC,P2	94
Mustang	3294GENVT2P	VT2P	AC,P2	94
Mustang	3894GENSSRIB	STX,B	AC,P5V	94
Mustang	4291GENVT2PRIB	VT2P,B	AC,P2	91
Mycogen	2V357a GC	STX,B	CM,C2	93
NuTech	5B-293	3010	MQ,P5V,R	93
NuTech/G2 Gen	5F-091^	AM,B	MQ,P5V	91
Partners Brand	PB 6003-3000GT GC	3000GT	CM,C5	90
Pioneer	P9188AM GC	AM,B	MQ,C2,R	91
Pioneer	P9526AM GC	AM,AQ,B	MQ,C2	95
Prairie Brand	4284RA	STX,B	CM,C5,Vi,In	93
Prairie Brand	4487AS3110	3110	CM,C5,Vi,In	94
Proseed	1392VT2PRIB	VT2P,B	AC,P2	92
Proseed	1492SSRIB	STX,B	AC,P5	92
Proseed	PX591VT2P	VT2P	AC,P2	91
REA	3A922-RIB	STX,B	AC,P5V	92
REA	4B931-RIB	VT2P,B	AC,P5V	93
Renk	RK408VT2P	VT2P	AC,P2	91
Renk	RK433VT2P	VT2P	AC,P2	92
Renk	RK522SSTX	STX,B	AC,P5V	94
Renk	RK566SSTX	STX	AC,P5V	94
Renk	RK568VT3P GC	VT3P	AC,P2	95
Thunder	7993VT2PRIB	VT2P,B	AC,P2	93
Thunder	Exp 91	VT2P	AC,P2	91

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM

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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
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)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Boreer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

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

Corn Seed Treatments**

n/a	information not provided	CE	Cruiser Extreme®	M	Maxim XL®
A	Allegiance®	CM	CruiserMaxx® Corn	MQ	Maxim Quattro®
AC	Acceleron® fungicide products	D	Dynasty®	None	untreated
ACHD	Acceleron® fungicide products	Es	Escalate®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
At	Actellic®	In	Intego™ Solo	R	Raxil®
AVC	Avicta® Complete Corn	L	Lorsban®	V	Votivo®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Lu	Lumivia™	Vi	Vibrance®

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