

2016 Corn Grain Top 30 Performance Summary for South Dakota Northeast [SDNE]



Early-Season Test

91 - 95 Day CRM

B2016SDNEa

Top 30 of 54

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Arlington‡	Cavour			Watertown	
				Bu/A	%	%	\$/A	Rank	Bath	Clear Lake	Webster			
Terning Seed	TS8249RR	RR2	95	242.8	16.5	2	719	1	243.4	252.8	131.1	255.7	265.1	196.9
Proseed	PX694VT2P	VT2P	94	242.2	16.5	1	718	2	238.2	242.5	130.2	270.8	267.0	192.7
Dairyland	DS-7294	3110	94	241.7	16.7	1	715	3	214.6	260.8	134.2	277.1	259.9	196.1
Mustang	3294GENVT2P	VT2P	94	240.2	16.7	1	710	5	245.9	234.5	165.2	257.7	269.4	193.7
Mustang	3894GENSSRIB	STX,B	94	239.3	16.0	1	712	4	256.8	246.4	132.4	261.2	236.6	195.7
King Seed	4640-3110A	3110,A	94	238.3	16.6	1	705	6	247.9	239.5	131.5	253.0	254.4	196.5
Renk	RK522SSTX	STX,B	94	236.6	16.0	1	704	7	235.3	232.2	130.6	266.8	248.6	200.2
Wyffels	W1556 GC	VT2P	95	236.6	16.7	1	700	9	216.2	241.7	130.0	265.0	254.6	205.3
Mustang	3292GENVT2P	VT2P,B	92	236.3	16.4	1	701	8	248.9	242.0	130.0	255.6	243.2	192.0
Thunder	Exp 91	VT2P	91	234.9	16.0	1	699	10	224.1	230.5	130.0	260.3	250.5	209.3
REA	4B931-RIB	VT2P,B	93	234.9	16.2	1	698	11	215.0	238.1	130.0	271.6	257.2	192.5
Federal	4440VT2PRIB	VT2P,B	94	234.7	16.7	1	694	13	216.7	245.3	130.7	273.0	258.0	180.6
Latham	LH4242VT2ProRIB	VT2P,B	92	234.0	16.6	1	693	14	236.0	239.7	130.5	258.7	239.3	196.3
Renk	RK433VT2P	VT2P	92	233.4	16.6	1	691	16	250.0	240.1	130.6	241.3	242.6	193.0
AgVenture	AV4291V10	3110,A	91	232.8	16.9	1	687	18	206.7	241.4	130.5	270.3	267.4	178.1
Latham	LH4437VT2Pro	VT2P	94	232.2	16.6	1	687	19	204.0	245.7	130.9	269.5	255.9	185.9
Federal	4470VT2P	VT2P	94	232.2	16.6	1	687	20	219.2	244.4	130.2	266.9	240.9	189.5
Federal	4160VT2PRIB	VT2P,B	91	231.9	15.7	1	692	15	213.4	236.5	130.3	251.2	256.7	201.5
Proseed	1395VT2P	VT2P	95	231.8	16.5	1	687	21	226.4	245.5	130.7	256.2	242.1	188.8
Titan Pro	2M95-2P	VT2P,B	95	231.7	16.6	1	686	22	207.2	244.8	130.0	253.5	257.5	195.6
Mustang	4291GENVT2PRIB	VT2P,B	91	231.6	15.9	1	690	17	235.0	242.2	130.1	238.9	253.4	188.4
Proseed	PX595VT2P	VT2P	95	231.6	16.8	1	684	23	234.3	246.7	130.9	260.0	231.9	184.9
NorthStar	NS95-577VT2PRIB	VT2P,B	95	231.3	16.8	1	683	24	213.5	237.5	130.0	274.3	242.0	189.4
NuTech	5B-293	3010	93	231.1	17.1	1	681	27	228.4	247.9	130.6	255.8	252.3	171.0
Renk	RK568VT3P	VT3P	95	230.3	16.5	1	682	25	213.1	240.1	130.1	270.4	243.4	184.6
Thunder	7993VT2PRIB	VT2P,B	93	229.8	16.3	1	682	26	231.4	236.9	130.2	250.8	241.8	188.2
Federal	4560VT2PRIB	VT2P,B	95	229.7	16.6	1	680	29	193.7	246.1	135.6	267.0	257.3	184.5
Heine	627VT3PRORIB	VT3P,B	95	229.1	16.5	1	679	30	217.8	233.6	143.6	251.2	251.8	190.9
Latham	LH4529SS	STX	95	229.1	16.9	1	676	31	197.8	243.5	132.8	276.6	241.4	186.4
Integra	4122VT2PRIB	VT2P,B	91	228.4	15.8	1	681	28	226.2	223.8	157.6	249.1	240.5	202.3
Dekalb	DKC46-36RIB CK	STX,B	96	236.5	17.1	1	697	12	226.6	235.9	118.7	266.5	254.9	198.6

Data Rejected - Not in Summary

Averages =			229.4	16.4	1	680	218.7	239.3	141.9	256.3	245.0	187.5
LSD (0.10) =			11.4	0.3	ns		24.9	12.4	26.9	18.8	15.9	16.9
LSD (0.25) =			8.0	0.2	ns		17.3	8.6	18.8	13.1	11.1	11.8
Previous years average yield for region, 167.5 bu/a, 14 yrs												

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.00 GMO; \$3.00 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.

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Report Date: 11/11/2016 Revised:

2016 Corn Grain Top 30 Performance Summary for South Dakota Northeast [SDNE]



Full-Season Test

96 - 100 Day CRM


B2016SDNEb

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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	Arlington	Bath	Cavour	Clear Lake	Watertown	Webster
Dyna-Gro	D39DC43	VT2P,DG	99	245.0	16.7	1	725	1	237.8	257.3	183.8	283.4	274.7	225.9
Mustang	5700GENVT2P	VT2P	100	241.4	16.6	1	715	2	220.1	261.6	185.5	273.6	272.3	213.9
Titan Pro	TP 65-00 2P	VT2P,DG	100	241.4	16.7	1	714	3	212.3	257.6	168.4	279.8	270.5	230.5
Golden Harvest	G96V99-3010	3010	96	233.9	16.9	1	691	4	215.5	238.9	178.1	264.8	277.5	210.4
Dairyland	DS-9599	3000GT	99	228.6	17.1	1	674	6	208.8	247.7	153.9	279.7	249.2	212.4
NuTech/G2 Gen	5F-196^	AM,B	96	226.8	16.0	1	675	5	199.8	246.1	173.2	265.9	260.1	188.5
Proseed	PX598SS	STX	98	226.4	16.7	1	670	8	189.3	246.0	158.4	268.8	254.4	204.6
Renk	RK608DGV2P	VT2P,DG	100	226.3	16.7	1	669	9	214.4	245.5	143.8	273.3	267.7	201.2
Mustang	6800GENSS	STX	100	226.1	17.6	1	664	13	149.3	246.9	158.4	268.0	247.7	209.7
Titan Pro	TP 54-98 2P	VT2P,B	98	226.0	16.6	1	669	10	229.5	243.4	164.0	276.9	245.7	200.0
Prairie Brand	4895GT3	3000GT	98	226.0	17.1	1	666	12	229.3	235.8	166.4	265.8	256.1	205.7
NuTech/G2 Gen	5F-198^	AM,B	98	225.4	15.5	1	673	7	241.3	238.7	166.6	265.2	255.5	200.8
NuTech	5N-800	3011,A	100	224.4	17.0	1	662	15	219.3	245.9	158.6	263.8	250.3	203.2
LG Seeds	LG5467STX	STX	97	224.3	16.1	1	667	11	197.0	238.7	154.2	269.9	254.7	203.9
Pfister	60B1SSR	STX,B	100	224.3	17.2	1	661	18	141.1	244.2	159.6	254.1	245.1	218.4
Prairie Brand	5026RA	STX,B	100	223.9	16.9	1	661	19	197.5	248.0	158.9	265.1	236.4	211.2
AgVenture	AV5799YHBW^	OIX,AQ	99	223.9	17.1	1	660	21	229.0	248.9	145.6	290.0	232.7	202.3
Latham	LH4955VT2ProRIB	VT2P,B	99	223.7	16.6	1	662	16	199.5	262.6	145.6	265.2	251.7	193.3
REA	4A962-RIB	STX,B	96	223.7	16.7	1	662	17	229.4	243.0	161.2	263.5	246.3	204.6
Latham	LH4727VT2ProRIB	VT2P,B	97	223.4	16.3	1	663	14	199.2	255.3	144.6	265.0	246.6	205.3
Heine	712VT2PRORIB	VT2P,B	100	222.8	16.9	1	658	22	219.2	236.0	167.9	258.2	244.7	207.2
Proseed	1399-GT3000	3000GT	99	222.6	16.8	2	658	23	229.3	222.7	157.4	271.1	264.8	196.9
Mustang	4298GENVT2PRIB	VT2P,B	98	222.5	16.2	2	661	20	199.5	249.4	134.4	278.9	242.0	207.9
Pioneer	P9929AMXT GC	AMXT,B	99	222.1	16.7	1	657	24	219.1	246.4	146.8	272.5	246.5	198.1
NorthStar	NS101-314GTA	GT,A	101	221.9	16.7	1	656	25	219.5	241.5	166.7	258.2	252.3	190.6
NorthStar	NS100-531GENSS	STX	100	221.8	17.3	1	653	30	164.0	249.0	154.1	258.3	244.6	202.9
Thunder	4600RR	RR2	100	221.7	17.2	1	653	31	154.0	234.2	151.5	272.0	251.0	200.0
Federal	4760VT2PRIB	VT2P,B	97	221.1	16.3	1	656	26	208.9	248.0	131.9	260.5	248.5	216.4
Integra	4652VT2PRIB	VT2P,B	96	221.0	16.4	1	655	28	185.5	243.7	148.8	255.0	251.2	206.1
Renk	RK612SSTX	STX,B	100	221.0	16.6	1	654	29	237.0	255.9	134.0	263.7	246.8	204.7
Dekalb	DKC46-36RIB CK	STX,B	96	221.1	16.5	1	655	27	201.5	242.7	155.7	260.9	247.2	199.1

Data Rejected - Not in Summary

 Mark Tollefson mark.tollefson@firstseedtests.com, (507) 456-2357	Averages = 221.7 16.7 1 656 199.8 242.3 153.1 264.2 246.6 202.2 LSD (0.10) = 9.7 0.4 0 ns 12.8 20.4 15.1 15.3 18.7 LSD (0.25) = 6.7 0.3 0 46.5 9.0 14.2 10.5 10.7 13.0
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Previous years average yield for region, 167.5 bu/a, 14 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.00 GMO; \$3.00 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.

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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)	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.