

2015 Corn Grain Top 30 Performance Summary for South Dakota Northeast [SDNE]



Early-Season Test

91 - 95 Day CRM

B2015SDNEa

Top 30 of 60

For Gross Income (Sorted by Yield), (18) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/A	Rank	Arlington	Cavour	Howard	Bath	Clear Lake	Watertown
Mustang	4294GENVT2P	VT2P	94	205.4	17.9	1	692	5	216.4	238.8	209.7	211.3	149.7	206.6
Heine	627VT3PRO	VT3P	95	204.4	17.0	1	697	2	221.1	227.0	205.7	209.0	159.5	203.8
Renk	RK568VT3P	VT3P,B	95	202.9	17.3	1	689	7	216.5	233.2	202.0	195.3	176.9	193.7
Dyna-Gro	D37VC60RIB	VT2P,B	95	202.6	17.2	1	689	8	227.8	216.1	204.2	197.2	174.7	195.3
REA	4B931-RIB	VT2P,B	93	202.3	16.1	1	698	1	207.5	217.7	198.4	211.2	175.1	203.7
Croplan	3499VT2PRIB GC	VT2P,B	94	202.2	17.1	1	689	9	221.4	223.3	203.5	200.2	166.4	198.1
Latham	LH4455VT3ProRIB	VT3P,B	94	201.5	17.1	1	686	11	209.0	221.5	205.5	217.3	164.4	191.4
Channel	193-34VT2PRIB GC	VT2P,B	93	201.3	16.2	1	694	4	232.4	198.4	206.5	217.5	163.5	189.5
Titan Pro	2M95-2P	VT2P,B	95	201.3	17.4	1	683	13	225.7	230.7	201.3	193.3	153.8	203.0
Mustang	4291GENVT2P	VT2P	91	200.3	15.7	1	695	3	226.6	213.7	190.2	208.1	155.1	207.9
Renk	RK544SSTX	STX,B	95	199.7	17.1	1	680	19	212.3	217.3	207.7	199.6	174.9	186.4
Viking	D34-95RL	STX,B	95	199.3	16.8	1	681	15	224.0	227.0	204.5	195.3	156.4	188.6
Heine	626STX	STX	94	199.3	17.9	1	672	26	211.3	224.1	200.5	198.8	156.0	204.8
Latham	LH4242VT2ProRIB	VT2P,B	92	198.4	16.7	1	679	20	211.6	226.6	193.2	200.4	161.7	196.6
Gold Country	94-19RSS	STX,B	94	198.2	16.8	1	678	21	226.1	228.2	209.1	193.4	129.8	202.5
Federal	4240VT2P	VT2P	92	198.0	16.4	1	681	16	220.4	223.0	190.2	212.5	152.4	189.6
Channel	191-85VT2PRIB GC	VT2P,B	91	197.9	15.3	1	690	6	222.8	207.5	199.0	183.5	180.4	194.3
Channel	192-08VT2PRIB GC	VT2P,B	92	197.9	16.3	2	681	17	214.4	227.2	185.0	194.0	169.5	197.4
Federal	4160VT2P	VT2P	91	197.8	15.7	1	686	12	216.9	218.0	190.7	215.0	147.6	198.5
Dyna-Gro	D32VC56	VT2P	92	197.8	16.8	1	676	22	227.4	231.1	184.7	203.8	154.0	185.6
Mustang	3292GENVT2P	VT2P,B	92	197.3	17.0	1	673	24	219.3	221.6	208.7	189.4	152.9	191.9
Mustang	3894GENSS	STX	94	196.9	16.5	1	676	23	221.7	216.0	197.5	206.3	159.0	181.1
Thunder	7993VT2PRIB	VT2P,B	93	196.7	16.8	1	673	25	219.4	206.6	199.8	196.8	166.7	190.6
Prairie Brand	x1533AG-3220	3220	93	196.4	16.8	2	671	27	201.1	233.9	184.7	198.1	156.1	204.5
Titan Pro	2M91-2P	VT2P,B	91	195.4	15.3	1	681	18	219.5	224.7	190.3	185.4	157.7	194.5
Federal	4540VT2P	VT2P	95	195.3	16.5	1	670	29	198.9	215.3	193.3	190.9	173.7	199.8
Latham	LH4098VT3ProRIB	VT3P,B	90	195.2	15.1	1	682	14	230.3	212.2	199.7	177.8	159.9	191.4
REA	3A922-RIB	STX,B	92	195.1	16.3	1	671	28	235.0	227.4	196.6	187.2	144.2	180.4
Heine	630VT2PRO	VT2P	96	194.8	16.3	1	670	30	209.2	232.4	206.5	193.2	154.1	173.6
REA	4B953-RIB	VT2P,B	95	194.5	16.3	1	669	31	203.9	221.2	195.9	210.8	134.9	200.0
Dekalb	DKC48-12RIB CK	STX,B	98	201.3	16.9	1	687	10	221.5	235.7	203.9	204.5	154.3	187.8

Averages =	193.8	16.5	1	665	212.0	217.9	194.1	193.1	155.5	190.3
LSD (0.10) =	8.1	0.5	1		17.6	15.0	15.5	19.7	21.5	17.6
LSD (0.25) =	5.7	0.3	1		12.2	10.5	10.8	13.7	15.0	12.3

Mark Tollefson

Mark Tollefson

mark.tollefson@firstseedtests.com, (507) 456-2357

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.045 Prices = \$3.50 GMO; \$3.50 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.

Additional reports available at www.firstseedtests.com.

AgSCI Copyright 2015

Report Date: 11/09/2015

Revised:

2015 Corn Grain Top 30 Performance Summary for South Dakota Northeast [SDNE]



Full-Season Test

96 - 100 Day CRM

B2015SDNEb

Top 30 of 48

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/A	Rank	Arlington	Cavour	Howard‡	Bath	Clear Lake	Watertown
ProSeed	PX598SSRIB	STX,B	98	210.6	17.9	1	710	2	212.6	231.2	210.6	203.3	197.1	208.6
NuTech/G2 Gen	5F-196^	AM,B	96	207.7	16.6	2	712	1	202.6	244.3	200.7	200.6	188.1	209.6
Titan Pro	TP 39-00 SS	STX,B	100	207.7	18.4	1	695	5	214.6	227.2	203.5	216.7	184.4	199.5
Dairyland	DS9599	3000GT	99	207.4	18.4	3	694	6	212.3	226.5	199.2	212.1	180.7	213.7
Federal	5140VT2PRIB	VT2P,B	101	207.2	18.0	1	697	4	217.6	238.3	200.4	209.4	178.7	198.5
Heine	712VT2PRO	VT2P	100	207.2	19.3	1	685	13	203.9	223.0	208.8	217.1	180.9	209.3
Latham	LH4859SSRIB	STX,B	98	206.1	18.2	1	692	9	196.7	239.1	188.9	211.3	188.3	212.5
Pfister	60B1	HXT,RR2	100	205.7	18.8	1	685	14	184.6	235.1	222.6	199.3	183.5	209.3
Integra	9482VT3PRIB	VT3P,B	98	204.5	18.5	1	684	17	217.0	223.2	211.3	192.7	182.5	200.1
Integra	4652GSSRIB	STX,B	96	204.0	18.1	1	686	11	205.7	232.1	201.3	206.3	183.4	195.1
Stine	R9424SS	STX,B	100	204.0	18.2	1	685	15	209.5	241.8	192.0	206.8	176.1	197.7
Heine	639STX	STX	99	203.9	18.1	1	685	16	216.9	217.5	202.2	201.6	178.6	206.6
Mustang	4298GENSS	STX	98	203.7	17.2	1	693	7	211.1	223.7	204.1	209.0	175.8	198.4
Latham	LH4955VT2ProRIB	VT2P,B	99	203.2	18.0	1	684	18	199.8	229.2	198.5	211.3	178.5	201.7
Federal	5050VT2PRIB	VT2P,B	100	203.2	18.1	1	683	20	203.9	229.9	198.6	206.3	162.8	217.6
Thunder	7396VT2PRIB	VT2P,B	96	203.1	16.4	1	698	3	220.9	221.5	192.2	200.6	182.6	201.0
Renk	RK596SSTX	STX,B	98	202.9	18.7	1	676	24	215.6	231.2	190.1	205.5	177.4	197.8
REA	5A992-RIB	STX,B	99	202.6	18.2	1	680	21	218.8	218.2	202.9	200.6	181.2	193.9
Prairie Brand	4895GT3	3000GT	98	202.4	19.0	1	672	26	213.5	233.4	204.5	202.3	168.1	192.8
Latham	LH4729SS	STX	97	202.3	17.4	1	686	12	206.5	217.4	218.3	200.8	166.8	204.0
Croplan	3899VT2PRIB GC	VT2P,B	96	201.9	17.5	2	684	19	208.9	231.9	184.1	207.8	179.2	199.6
Prairie Brand	4995RA	STX,B	99	201.9	19.0	2	670	29	220.4	220.8	191.1	216.1	172.1	191.1
Dairyland	DS9198	STX	98	201.4	16.3	1	693	8	219.5	227.5	204.1	195.4	167.2	194.4
Dekalb	DKC49-29RIB	STX,B	99	200.8	17.9	1	677	23	207.4	219.5	186.5	202.3	188.6	200.5
Heine	639VT2PRORIB	VT2P,B	99	200.2	18.3	1	671	27	190.2	221.5	199.4	196.2	176.8	217.3
Federal	4760SSTAX	STX	97	200.1	17.3	1	680	22	208.8	211.2	207.1	209.0	165.7	198.9
Dyna-Gro	D40SS27RIB	STX,B	100	200.1	18.5	1	669	30	212.9	236.4	189.0	201.1	162.7	198.2
REA	4A972-RIB	STX,B	97	198.3	17.0	1	676	25	199.1	218.2	189.8	200.2	188.1	194.1
NuTech/G2 Gen	5F-198^	AM,B	98	198.1	15.7	1	687	10	183.4	238.4	188.6	190.6	187.5	200.1
Pfister	56A1G3	3000GT	96	197.8	17.4	2	671	28	201.0	229.4	180.6	198.4	172.9	204.3
Dekalb	DKC48-12RIB CK	STX,B	98	193.5	17.5	1	655	41	210.0	218.5	195.8	200.0	146.7	190.1

Averages =	199.8	17.9	1	674	206.0	224.5	195.0	202.4	171.8	199.8
LSD (0.10) =	7.9	0.5	1		17.7	18.0	18.2	15.8	23.8	16.1
LSD (0.25) =	5.5	0.4	0		12.3	12.6	12.6	11.0	16.5	11.2

Mark Tollefson

Mark Tollefson

mark.tollefson@firstseedtests.com, (507) 456-2357

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.045 Prices = \$3.50 GMO; \$3.50 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.

Additional reports available at www.firstseedtests.com.

AgSCI Copyright 2015

Report Date: 11/08/2015

Revised:

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. 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®, 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 F.I.R.S.T. 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
3010,A	Agrisure® Artesian® 3010 (CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3110,A	Agrisure® Viptera® 3110 w/ Artesian®	LL	LibertyLink®
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	None	conventional corn
3111,A	Agrisure® Viptera® 3111 w/ Artesian®	None,A	conventional corn w/ Artesian®
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)	OI,AQ	Optimum® Intrasect® w/ AQUAMax
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM,AQ	Optimum® AcreMax® w/ AQUAMax	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OT	Optimum® TRIsect® CHR (HX,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX,AQ	Optimum® AcreMax® Xtra w/ AQUAMax	STX	SmartStax® (VT3P,HXT,RR2,LL)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX,DG	Genuity® DroughtGard® w/ SmartStax®
AMXT,AQ	Optimum® AcreMax® Xtreme w/ AQUAMax	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT2P,DG	Genuity® DroughtGard® w/ VT Double PRO®
GT	Agrisure® GT	VT3P	Genuity® VT Triple PRO®
GT,A	Agrisure® GT w/ Artesian	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**

?	information not provided	CM	CruiserMaxx® Corn	MQ	Maxim Quattro®
A	Allegiance®	D	Dynasty® (azoxystrobin)	None	untreated
AC	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® (tebuconazole)
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®
CE	Cruiser Extreme®	M	Maxim XL®		

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