

2013 Corn Grain Top 30 Harvest Report
 South Dakota Northeast [SDNE] CLEAR LAKE
 Greg Lanners, Deuel County, SD 57226



Test by: MNS Seed Testing, LLC, New Richland, MN

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Viena-Brookings silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 7.2 pH, 3.9% OM
 PEST MANAGEMENT: Force, Roundup, SureStart
 FERTILITY - Applied N: 135 Spring
 Applied N-P-K (units): 135-20-30
 SEEDED - RATE - ROW: May 16 32,500 /A 30" spacing
 HARVESTED - STAND: Oct 28 29,100 /A

Early-Season Test
91 - 96 Day CRM
 B2013SDNE07a

Top 30 of 63
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK522SSTX	STX	AC,P2	94	239.2	23.2	1	31.4	1,027	2
Rea	4B285-RIB	VT2P,B	AC,P5V	93	236.2	20.0	1	27.6	1,033	1
Federal	4440	VT3P	AC,P5V	94	234.2	22.0	1	30.5	1,013	3
Titan Pro	2M93-SS	STX,B	AC,P2,Z	93	232.5	25.1	1	30.5	988	9
Mustang	4845GENSS	STX	AC,P2	96	231.7	25.0	1	28.1	985	10
Gold Country	96-36R2P	VT2P,B	AC,P5V	96	230.9	20.7	1	30.0	1,006	4
NuTech/G2 Gen	5X-894	HXT,RR2	MQ,P1V,R	94	229.9	20.6	2	29.0	1,002	5
Wensman	W 80952VT2RIB	VT2P,B	AC,P2	95	228.3	19.6	1	29.0	1,001	7
Kruger	K4R-9194	STX,B	AC,P5V	94	228.0	20.0	1	30.5	998	8
Dyna-Gro	D37SS71 GC	STX	AC,P5V	97	227.1	23.6	2	29.0	973	12
Rea	3A921-RIB	STX,B	AC,P5V	92	225.8	21.9	1	29.5	977	11
NuTech	5B-290	GT/CB/LL	MQ,C2	91	225.3	17.1	1	28.5	1,002	6
Viking	E22-92R	VT2P,B	AC,P2	92	222.9	23.5	1	30.0	956	16
Rea	4B941-RIB	VT2P,B	AC,P2	94	220.7	22.4	1	29.5	952	18
Producers	5144VT3PRIB	VT3P,B	AC,P5V	91	220.3	20.9	1	31.5	959	14
Federal	4130	VT3P	AC,P2	91	219.4	19.8	1	29.5	961	13
Seeds 2000	9503VT2PRIB	VT2P,B	AC,P2	94	219.4	20.7	1	30.5	956	17
Pioneer	P9917AMX GC	AMX,B	CM,C2	99	218.6	22.8	1	30.5	941	21
Producers	XP5384VT3P	VT3P	AC,P5V	93	217.6	19.0	1	30.5	957	15
Wensman	W 7268VT3PRIB	VT3P,B	AC,P2	96	216.4	20.8	1	28.6	942	20
AgVenture/Scherr	VPmx RL4492HBW^	HXT,RR2	P5	92	215.6	21.5	1	31.4	935	23
AgVenture/Scherr	VPmx RL4616HBW^ G	HXT,RR2	CE,C1	94	215.5	20.3	1	28.1	941	22
Viking	E52-95R	VT2P,B	AC,P2	95	215.5	23.7	1	28.1	923	31
Titan Pro	93A94	3000GT	CM,C2,Z	94	215.3	19.6	1	30.0	944	19
Kruger	K4R-9091	STX,B	AC,P5V	91	215.1	21.8	1	30.5	931	25
Stine	R9311VT3Pro	VT3P,B	AC,P2	93	215.0	21.4	1	29.5	933	24
AgVenture/Scherr	VPmx RL4406YHB^	OI	P5	94	214.5	21.9	1	31.0	928	29
Kruger	K4R-9196	STX,B	AC,P5V	96	213.9	20.9	1	29.0	931	26
Wensman	W 90967STX	STX	AC,P2	96	212.6	20.7	1	28.5	926	30
Wensman	W 90935VT3PRO	VT3P	AC,P2	93	210.7	18.2	2	29.0	931	28
Dekalb	DKC46-20RIB CK	VT3P,B	AC,P2	96	213.4	20.5	1	30.5	931	27

first.tolly@gmail.com, (507) 456 2357

Test Average = **213.0** **21.3** **1** **29.1** **925**
 LSD (0.10) = 18.3 1.5 1
 C.V. = 6.3 5.3

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$4.50 Local GMO
 n/a non-GMO

Test Comments: This test site was located next to a dairy farm. In past years, it has had lots of manure applied on it. We had a hail storm in June and some plant damage occurred, including some population loss. At harvest, the ear shanks had fallen down, extending corn ears within inches of the soil surface. Grain moistures have varied by soil type in this area and generally have been wetter than desired.

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

Additional reports and searchable database available at www.firstseedtests.com

AgSCI Copyright 2013

Report date: 10/31/2013 Revised:

2013 Corn Grain Top 30 Harvest Report
 South Dakota Northeast [SDNE] CLEAR LAKE
 Greg Lanners, Deuel County, SD 57226



PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Viena-Brookings silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 7.2 pH, 3.9% OM
 PEST MANAGEMENT: Force, Roundup, SureStart
 FERTILITY - Applied N: 135 Spring
 Applied N-P-K (units): 135-20-30
 SEEDED - RATE - ROW: May 16 32,500 /A 30" spacing
 HARVESTED - STAND: Oct 28 28,100 /A

Full-Season Test
97 - 100 Day CRM
 B2013SDNE07b

Top 30 of 45
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
AgVenture/Scherr	VPmx RL5718HBW^	HXT,RR2	P5	99	229.4	23.7	1	29.5	982	1
Viking	T71-99R	GT	CM,C2	99	229.3	26.9	1	29.5	964	2
Golden Harvest	G99Z33-3011A GC	3011A	AVC,C2	99	228.0	26.3	1	28.1	962	3
Wensman	W 70975VT3PRO	VT3P	AC,P2	97	223.4	24.9	1	28.6	950	4
Titan Pro	89A98GLV	3111	CM,C2,Z	98	221.3	24.4	1	26.6	944	5
Kruger	K4R-9199	STX,B	AC,P5V	99	220.3	26.1	1	29.5	930	8
Rea	5A992-RIB	STX,B	AC,P5V	99	219.6	24.6	1	29.0	935	6
Wensman	W 7320VT3PRIB	VT3P,B	AC,P2	101	218.8	27.2	1	24.2	918	10
Golden Harvest	G01P52-3011A GC	3011A	AVC,C2	101	218.3	26.7	1	27.1	918	11
Dekalb	DKC50-66 GC	VT3	AC,P2	100	218.2	23.6	1	28.1	935	7
NuTech	5N-9802	3000GT	MQ,C2	98	217.8	26.5	1	26.6	917	12
Gold Country	97-40RSS	STX,B	AC,P5V	97	217.8	26.9	1	30.5	915	13
Kruger	K4R-9600	STX,B	AC,P5V	100	217.3	28.2	1	28.6	906	16
Titan Pro	1M99-3P	VT3P	AC,P5V,Z	99	217.0	24.6	1	28.1	924	9
Proseed	PX99C3000GT	3000GT	CM,C2	99	215.3	27.4	2	28.1	902	17
AgVenture/Scherr	VPmx R5849AMX^ GC	AMX,B	P5	99	214.4	24.2	1	30.5	915	14
Mustang	5808GENSS	STX,B	AC,P2	98	213.9	27.6	1	30.0	895	22
Producers	5904VT3PRIB	VT3P,B	AC,P5V	99	212.2	24.0	1	31.0	907	15
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100	211.2	24.1	1	30.5	902	18
Curry	417-91	HXT,RR2	MQ,C2,R	97	210.5	23.6	1	28.6	902	19
Wensman	W 91011STX	STX	AC,P2	101	210.3	28.8	1	28.1	874	26
Kruger	KR-7400	VT3P,B	AC,P5V	100	209.5	26.4	1	29.5	883	24
Titan Pro	TP 39-98 SS	STX	AC,P5V,Z	98	208.5	25.8	1	28.6	882	25
Wensman	W 9288STXRIB	STX,B	AC,P2	98	208.4	27.3	1	28.6	874	27
Rea	4A971-RIB	STX,B	AC,P5V	97	208.1	22.4	1	28.6	898	21
Producers	5898STXRIB	STX,B	AC,P5V	98	207.4	27.8	1	27.1	867	29
NuTech/G2 Gen	3F-198AM	AM-R,B	MQ,C2	98	206.6	22.4	1	28.6	891	23
Renk	RK598SSTX	STX,B	AC,P5V	100	206.1	25.8	1	29.5	872	28
Titan Pro	2M00-SS	STX	AC,P1V	100	204.0	26.8	1	28.1	858	31
Rea	5A980-RIB	STX,B	AC,P5V	98	202.5	23.7	1	27.1	867	30
Dekalb	DKC46-20RIB CK	VT3P,B	AC,P2	96	206.5	20.9	1	28.1	899	20

first.tolly@gmail.com, (507) 456 2357

Test Average = **207.9** **25.6** **1** **28.1** **880**
 LSD (0.10) = 17.6 1.5 ns
 C.V. = 6.2 4.2

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$4.50}{n/a}$ Local GMO non-GMO

Test Comments: *This test site was located next to a dairy farm. In past years, it has had lots of manure applied on it. We had a hail storm in June and some plant damage occurred, including some population loss. At harvest, the ear shanks had fallen down, extending corn ears within inches of the soil surface. Grain moistures have varied by soil type in this area and generally have been wetter than desired.*

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

Additional reports and searchable database available at www.firstseedtests.com

AgSCI Copyright 2013

Report date: 10/31/2013 Revised:

Early-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgVenture/Scherr	VPmx RL4406YHB^	OI	P5	94	Renk	RK585VT3P	VT3P	AC,P2	95
AgVenture/Scherr	VPmx RL4492HBW^	HXT,RR2	P5	92	Seeds 2000	9202VT2PRIB	VT2P,B	CM,C2	92
AgVenture/Scherr	VPmx RL4616HBW^ G	HXT,RR2	CE,C1	94	Seeds 2000	9503VT2PRIB	VT2P,B	AC,P2	94
Channel	196-77STXRIB GC	STX,B	AC,P5V	96	Seeds 2000	9504VT3P	VT3P	AC,P2	94
Dairyland	DS9093	3122	CM,C2	93	Stine	9208VT3Pro	VT3P	AC,P2	91
Dairyland	DS9791RA	STX,B	CM,C2	92	Stine	9209VT3Pro	VT3P	AC,P2	91
Dairyland	DS9796	3000GT	CM,C2	96	Stine	R9311VT3Pro	VT3P,B	AC,P2	93
Dekalb	DKC42-72 GC	VT3	AC,P2	92	Titan Pro	1M96-3P	VT3P,B	AC,P2,Z	96
Dekalb	DKC46-20RIB CK	VT3P,B	AC,P2	96	Titan Pro	2M93-SS	STX,B	AC,P2,Z	93
Dyna-Gro	D37SS71 GC	STX	AC,P5V	97	Titan Pro	2M95-2P	VT2P,B	AC,P2,Z	95
Federal	4130	VT3P	AC,P2	91	Titan Pro	93A94	3000GT	CM,C2,Z	94
Federal	4440	VT3P	AC,P5V	94	Viking	C44-95R	VT3P,B	AC,P2	95
Federal	4540	VT3P,B	AC,P2	95	Viking	E22-92R	VT2P,B	AC,P2	92
Gold Country	96-36R2P	VT2P,B	AC,P5V	96	Viking	E52-95R	VT2P,B	AC,P2	95
Kruger	K4R-9091	STX,B	AC,P5V	91	Wensman	W 7268VT3PRIB	VT3P,B	AC,P2	96
Kruger	K4R-9194	STX,B	AC,P5V	94	Wensman	W 80952VT2RIB	VT2P,B	AC,P2	95
Kruger	K4R-9196	STX,B	AC,P5V	96	Wensman	W 90935VT3PRO	VT3P	AC,P2	93
Kruger	KR-4195	VT2P,B	AC,P5V	95	Wensman	W 90967STX	STX	AC,P2	96
Mustang	3893GENSS	STX,B	AC,P5V	93					
Mustang	4695GENVT3P	VT3P	AC,P2	95					
Mustang	4845GENSS	STX	AC,P2	96					
NuTech	5B-290	GT/CB/LL	MQ,C2	91					
NuTech	5N-9404	3000GT	MQ,C2	94					
NuTech/G2 Gen	5X-193	HXT,RR2	MQ,C2	93					
NuTech/G2 Gen	5X-894	HXT,RR2	MQ,P1V,R	94					
NuTech/G2 Gen	5Z-091	OI	MQ,P1V,R	91					
NuTech/G2 Gen	5Z-9605	OI	MQ,P1V,R	96					
Pioneer	P9917AMX GC	AMX,B	CM,C2	99					
Prairie Brand	4284SX	STX	P5V	93					
Prairie Brand	4364AS3122	3122	CM,C2	93					
Prairie Brand	971RA	STX,B	CM,C2	96					
Prairie Brand	X13950GT3	3000GT	CM,C1	94					
Producers	5144VT3PRIB	VT3P,B	AC,P5V	91					
Producers	5634VT3Pro	VT3P	AC,P5V	96					
Producers	XP5384VT3P	VT3P	AC,P5V	93					
Proseed	1191SSRIB	STX,B	AC,P2	91					
Proseed	1295SSRIB	STX,B	AC,P2	95					
Proseed	PX96GSSRIB	STX,B	AC,P2	96					
Rea	3A921-RIB	STX,B	AC,P5V	92					
Rea	4A654-RIB	STX,B	AC,P5V	96					
Rea	4B285-RIB	VT2P,B	AC,P5V	93					
Rea	4B941-RIB	VT2P,B	AC,P2	94					
Renk	RK522SSTX	STX	AC,P2	94					
Renk	RK557SSTX	STX	AC,P2	95					
Renk	RK568VT3P	VT3P	AC,P2	95					

2013 Corn Grain - South Dakota Northeast [SDNE]



Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgVenture/Scherr	VPmx R5849AMX^ GC	AMX,B	P5	99					
AgVenture/Scherr	VPmx RL5671HBW^	HXT,RR2	P5	99					
AgVenture/Scherr	VPmx RL5718HBW^	HXT,RR2	P5	99					
Channel	197-68STXRIB GC	STX,B	AC,P5V	97					
Curry	417-91	HXT,RR2	MQ,C2,R	97					
Curry	420-45	HXT,RR2	MQ,C2,R	100					
Dairyland	DS9501SSX	STX	AVC,C2	100					
Dairyland	DS9898RA	STX,B	CM,C2	98					
Dekalb	DKC46-20RIB CK	VT3P,B	AC,P2	96					
Dekalb	DKC50-66 GC	VT3	AC,P2	100					
Gold Country	97-40RSS	STX,B	AC,P5V	97					
Golden Harvest	G01P52-3011A GC	3011A	AVC,C2	101					
Golden Harvest	G99Z33-3011A GC	3011A	AVC,C2	99					
Kruger	K4R-9199	STX,B	AC,P5V	99					
Kruger	K4R-9597	STX,B	AC,P5V	97					
Kruger	K4R-9600	STX,B	AC,P5V	100					
Kruger	KR-7400	VT3P,B	AC,P5V	100					
Mustang	4897GENSS	STX	AC,P2	97					
Mustang	5808GENSS	STX,B	AC,P2	98					
Mustang	5850GENSS	STX	AC,P2	100					
NuTech	5N-9802	3000GT	MQ,C2	98					
NuTech/G2 Gen	3F-198AM	AM-R,B	MQ,C2	98					
NuTech/G2 Gen	5H-399	HX,RR2	MQ,C2	99					
NuTech/G2 Gen	5X-698	HXT,RR2	MQ,P1V,R	98					
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100					
Producers	5898STXRIB	STX,B	AC,P5V	98					
Producers	5904VT3PRIB	VT3P,B	AC,P5V	99					
Proseed	PX101RVT3P	VT3P	AC,P2	101					
Proseed	PX97RSSRIB	STX,B	AC,P2	97					
Proseed	PX99C3000GT	3000GT	CM,C2	99					
Rea	4A971-RIB	STX,B	AC,P5V	97					
Rea	5A508-RIB	STX,B	AC,P5V	99					
Rea	5A980-RIB	STX,B	AC,P5V	98					
Rea	5A992-RIB	STX,B	AC,P5V	99					
Renk	RK581SSTX	STX	AC,P2	100					
Renk	RK598SSTX	STX,B	AC,P5V	100					
Titan Pro	1M99-3P	VT3P	AC,P5V,Z	99					
Titan Pro	2M00-SS	STX	AC,P1V	100					
Titan Pro	89A98GLV	3111	CM,C2,Z	98					
Titan Pro	TP 39-98 SS	STX	AC,P5V,Z	98					
Viking	T71-99R	GT	CM,C2	99					
Wensman	W 70975VT3PRO	VT3P	AC,P2	97					
Wensman	W 7320VT3PRIB	VT3P,B	AC,P2	101					
Wensman	W 91011STX	STX	AC,P2	101					
Wensman	W 9288STXRIB	STX,B	AC,P2	98					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. 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®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.
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)	GT/CB/LL	Agrisure® GT/CB/LL
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXRW	Herculex® rootworm, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	LL	LibertyLink®
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	None	conventional corn
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIssect® (HX,RW,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2)	STX	SmartStax® (VT3P,HXX)
B	Blended seed (i.e. refuge blend)	VT2P	Genuity® VT Double Pro®
CB/LL	Agrisure® CB/LL	VT3	YieldGard VT Triple®
CB/LL/RW	Agrisure® CB/LL/RW	VT3P	Genuity® VT Triple Pro®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	MQ	Maxim Quattro®
A	Allegiance®	None	untreated
AC	Acceleron® fungicide products	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil® (tebuconazole)
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	SStd	SureStand™
CE	Cruiser Extreme®	St	Stamina® (pyraclostrobin)
CM	CruiserMaxx® Corn	T	Trilex® (trifloxystrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc
M	Maxim XL®		

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