

2013 Corn Grain Top 30 Harvest Report

South Dakota Northeast [SDNE] CAVOUR
Greg Bich, Beadle County, SD 57324



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

PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Houdek-Prosper loam, mod. well drained, strip-till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 5.3 pH, 2.5% OM
PEST MANAGEMENT: Force, Roundup PowerMax, Harness Xtra
FERTILITY - Applied N: 92 Fall, 50 Spring
Applied N-P-K (units): 142-50-0
SEEDING - RATE - ROW: May 25 30,500 /A 30" spacing
HARVESTED - STAND: Oct 21 27,700 /A

Early-Season Test

91 - 96 Day CRM
B2013SDNE10a

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
NuTech	5B-290	GT/CB/LL	MQ,C2	91	207.3	15.3	2	27.1	931	1
Wensman	W 7268VT3PRIB	VT3P,B	AC,P2	96	184.9	16.9	1	27.1	823	2
AgVenture/Scherr	VPmx RL4616HBW^ G HXT,RR2	CE,C1		94	183.0	15.9	1	28.6	819	3
NuTech/G2 Gen	5X-894	HXT,RR2	MQ,P1V,R	94	181.1	15.9	2	28.6	811	4
Wensman	W 90967STX	STX	AC,P2	96	177.4	15.5	1	27.1	796	5
Viking	E52-95R	VT2P,B	AC,P2	95	176.8	16.6	1	30.5	789	7
Viking	E22-92R	VT2P,B	AC,P2	92	176.5	15.8	1	26.6	791	6
Titan Pro	93A94	3000GT	CM,C2,Z	94	175.2	14.9	1	28.1	788	8
Stine	R9311VT3Pro	VT3P,B	AC,P2	93	174.8	16.0	1	28.1	782	9
Rea	4B941-RIB	VT2P,B	AC,P2	94	174.8	16.2	1	28.5	781	10
Proseed	1191SSRIB	STX,B	AC,P2	91	173.9	15.5	1	26.6	780	11
Pioneer	P9917AMX GC	AMX,B	CM,C2	99	173.3	17.3	1	29.5	770	16
Channel	196-77STXRIB GC	STX,B	AC,P5V	96	173.2	16.2	1	27.1	774	13
Kruger	K4R-9194	STX,B	AC,P5V	94	172.6	15.5	1	27.1	775	12
Kruger	K4R-9091	STX,B	AC,P5V	91	172.4	16.0	1	29.5	771	15
Proseed	PX96GSSRIB	STX,B	AC,P2	96	172.2	15.7	1	25.6	772	14
Mustang	4695GENVT3P	VT3P	AC,P2	95	172.2	16.6	1	28.1	768	18
Renk	RK522SSTX	STX	AC,P2	94	171.2	15.1	1	30.0	770	17
Producers	5634VT3Pro	VT3P	AC,P5V	96	170.0	16.4	1	25.6	759	22
AgVenture/Scherr	VPmx RL4492HBW^	HXT,RR2	P5	92	169.7	15.2	1	25.7	763	19
NuTech/G2 Gen	5X-193	HXT,RR2	MQ,C2	93	169.4	15.7	1	26.6	759	23
Wensman	W 90935VT3PRO	VT3P	AC,P2	93	169.3	15.1	1	26.6	761	20
Rea	4B285-RIB	VT2P,B	AC,P5V	93	168.9	15.4	2	29.0	758	24
AgVenture/Scherr	VPmx RL4406YHB^	OI	P5	94	168.8	14.5	3	28.1	760	21
Federal	4440	VT3P	AC,P5V	94	168.2	15.7	1	29.5	754	25
Seeds 2000	9504VT3P	VT3P	AC,P2	94	167.1	15.3	1	27.6	751	26
Kruger	KR-4195	VT2P,B	AC,P5V	95	167.0	15.8	1	27.6	748	27
Dairyland	DS9093	3122	CM,C2	93	167.0	16.5	1	26.6	745	29
Producers	XP5384VT3P	VT3P	AC,P5V	93	165.7	14.7	1	27.1	746	28
Producers	5144VT3PRIB	VT3P,B	AC,P5V	91	165.4	15.2	1	28.0	743	30
Dekalb	DKC46-20RIB CK	VT3P,B	AC,P2	96	156.4	15.3	2	27.6	703	48

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Test Average = **164.9** **15.8** **1** **27.7** **739**
LSD (0.10) = 18.5 1.1 1
C.V. = 8.3 5.1

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

Test Comments: We had a hail storm in June and we lost some population and yield potential. At harvest, the ear shanks were weak and had drooped within 6 inches of the ground, at times making harvest a challenge. We saw some ears that had fallen off the plant but most held onto the stalk just at a lower than desirable height. Not much stalk lodging was observed.

† 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

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SOIL CONDITION: Moderate P, moderate K, 5.3 pH, 2.5% OM
PEST MANAGEMENT: Force, Roundup PowerMax, Harness Xtra
FERTILITY - Applied N: 92 Fall, 50 Spring
Applied N-P-K (units): 142-50-0
SEEDED - RATE - ROW: May 25 30,500 /A 30" spacing
HARVESTED - STAND: Oct 21 28,300 /A

Full-Season Test
97 - 100 Day CRM
B2013SDNE10b

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
Proseed	PX99C3000GT	3000GT	CM,C2	99	182.5	16.8	1	27.1	813	1
Wensman	W 7320VT3PRIB	VT3P,B	AC,P2	101	178.1	17.4	1	27.6	791	2
AgVenture/Scherr	VPmx RL5718HBW^	HXT,RR2	P5	99	177.1	16.6	2	29.0	790	3
Viking	T71-99R	GT	CM,C2	99	176.8	16.9	1	27.6	787	4
Channel	197-68STXRIB GC	STX,B	AC,P5V	97	174.6	16.7	1	30.5	778	5
AgVenture/Scherr	VPmx R5849AMX^ GC	AMX,B	P5	99	171.5	16.5	2	27.1	765	6
Wensman	W 91011STX	STX	AC,P2	101	171.2	16.9	1	25.7	762	7
Rea	5A980-RIB	STX,B	AC,P5V	98	169.4	11.0	1	29.5	762	8
Rea	5A508-RIB	STX,B	AC,P5V	99	169.1	16.5	2	25.7	755	9
Wensman	W 9288STXRIB	STX,B	AC,P2	98	168.3	17.3	1	28.6	748	11
NuTech/G2 Gen	3F-198AM	AM-R,B	MQ,C2	98	167.8	15.5	1	28.1	753	10
NuTech	5N-9802	3000GT	MQ,C2	98	166.6	15.4	1	27.1	748	12
Kruger	K4R-9199	STX,B	AC,P5V	99	166.5	15.5	1	26.6	747	13
Curry	417-91	HXT,RR2	MQ,C2,R	97	166.4	15.5	2	29.5	747	14
Golden Harvest	G99Z33-3011A GC	3011A	AVC,C2	99	166.4	15.7	1	27.1	746	15
NuTech/G2 Gen	5X-698	HXT,RR2	MQ,P1V,R	98	162.3	16.9	1	27.1	723	17
Producers	5898STXRIB	STX,B	AC,P5V	98	162.1	16.5	1	27.6	723	18
Renk	RK581SSTX	STX	AC,P2	100	161.4	17.4	1	28.6	717	19
Golden Harvest	G01P52-3011A GC	3011A	AVC,C2	101	161.3	17.5	1	28.6	716	20
NuTech/G2 Gen	5H-399	HX,RR2	MQ,C2	99	159.0	16.5	2	27.1	710	22
Gold Country	97-40RSS	STX,B	AC,P5V	97	158.4	15.5	1	27.1	711	21
Curry	420-45	HXT,RR2	MQ,C2,R	100	156.5	16.0	1	30.0	700	25
Proseed	PX101RVT3P	VT3P	AC,P2	101	156.5	16.6	1	29.0	698	27
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100	156.4	15.0	1	31.0	704	23
Mustang	5850GENSS	STX	AC,P2	100	156.3	17.0	1	28.1	696	28
Dekalb	DKC50-66 GC	VT3	AC,P2	100	156.1	14.9	1	26.1	702	24
Titan Pro	1M99-3P	VT3P	AC,P5V,Z	99	155.6	15.4	1	27.6	699	26
Kruger	KR-7400	VT3P,B	AC,P5V	100	154.4	15.2	1	28.1	694	29
Kruger	K4R-9600	STX,B	AC,P5V	100	154.4	15.9	1	26.6	691	31
Rea	5A992-RIB	STX,B	AC,P5V	99	154.1	14.3	2	30.0	693	30
Dekalb	DKC46-20RIB CK	VT3P,B	AC,P2	96	164.9	15.5	1	28.6	740	16

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Test Average = **158.6** **15.9** **1** **28.3** **709**
LSD (0.10) = 17.6 2.0 1
C.V. = 8.2 9.1

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: *We had a hail storm in June and we lost some population and yield potential. At harvest, the ear shanks were weak and had drooped within 6 inches of the ground, at times making harvest a challenge. We saw some ears that had fallen off the plant but most held onto the stalk just at a lower than desirable height. Not much stalk lodging was observed.*

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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.