

# 2013 Corn Grain Top 30 Harvest Report

South Dakota Southeast [ SDSE ] ETHAN  
Lewis Bainbridge, Davison County, SD 57334



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

PREV. CROP/HERB: Soybean / Roundup  
SOIL DESCRIPTION: Houdek-Stickney loam, well drained, no-till, non-irrigated  
SOIL CONDITION: Mod. High P, high K, 5.6 pH, 2.5% OM  
PEST MANAGEMENT: Force, Balance Flex, Roundup, Atrazine  
FERTILITY - Applied N: 125 Spring  
Applied N-P-K (units): 125-52-0  
SEEDED - RATE - ROW: May 25 28,500 /A 30" spacing  
HARVESTED - STAND: Oct 24 27,800 /A

## Early-Season Test

98 - 103 Day CRM  
B2013SDSE06a

## 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
Proseed	PX99C3000GT	3000GT	CM,C2	99	<b>207.3</b>	15.9	1	28.0	928	1
Wensman	W 7320VT3PRIB	VT3P,B	AC,P2	101	200.2	16.1	1	27.1	895	2
LG Seeds	LG2501VT3PRIB	VT3P,B	AC,P5V	100	198.2	15.5	1	29.0	889	3
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	197.8	16.3	1	29.0	884	5
Producers	5904VT3PRIB	VT3P,B	AC,P5V	99	197.7	15.3	1	28.5	888	4
Pioneer	P0062AMX GC	AMX,B	CM,C2	100	196.3	15.0	1	26.6	883	6
Dekalb	DKC49-29RIB GC	STX,B	AC,P2	99	196.1	15.7	1	28.0	879	7
Renk	RK598SSTX	STX,B	AC,P5V	100	195.8	15.5	1	28.1	879	8
Titan Pro	1M02-SS	STX	AC,P1V,Z	102	195.3	16.7	1	28.1	871	11
Renk	RK633SSTX	STX	AC,P2	101	195.1	15.7	1	27.6	875	9
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	194.1	16.5	1	27.1	866	12
Heine	737-3000GT	3000GT	CM,C2	103	193.9	17.3	1	27.1	861	14
NuTech	5N-9802	3000GT	MQ,C2	98	192.1	15.5	1	24.7	862	13
Renk	RK629VT3P	VT3P	AC,P2	102	190.8	16.0	1	27.6	854	15
Pfister	1780RA	STX,B	CM,C2	99	189.7	15.9	1	28.1	849	16
Renk	RK666SSTX	STX	AC,P2	102	189.4	16.0	1	28.5	848	17
Heine	733VT3	VT3	AC,P2	102	189.3	15.8	1	28.0	848	18
Prairie Brand	5584SX	STX	CM,C1	103	189.2	16.1	1	29.0	846	19
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	189.2	16.5	1	28.1	844	22
Heine	735STX	STX	AC,P2	103	189.1	16.1	1	26.6	846	20
Mustang	6803GENSS	STX	AC,P2	103	188.8	15.8	1	28.5	846	21
Titan Pro	TP 35-01 2P	VT2P	AC,P2,Z	101	188.4	16.3	1	27.6	842	23
Titan Pro	TP 39-02 SS	STX	AC,P5V,Z	102	188.2	16.6	1	26.6	839	25
Curry	422-09	HXT,RR2	MQ,C2,R	102	188.1	16.9	1	28.5	838	26
NuTech/G2 Gen	5Z-0105	OI	MQ,P1V,R	101	187.2	15.5	2	29.0	840	24
NuTech/G2 Gen	3D-802AMX	AMX-R,B	MQ,C2	102	186.9	15.6	2	26.6	838	27
Prairie Brand	1022SX	STX	CM,C1	100	185.8	16.0	1	28.1	831	28
Proseed	PX101RVT3P	VT3P	AC,P2	101	184.7	15.3	1	27.1	830	29
Legend	LR9397VT2PRIB GC	VT2P,B	CM,C2	97	183.5	14.9	1	28.5	826	30
Wensman	W 7290VT3PRIB	VT3P,B	AC,P2	99	183.5	15.1	1	28.1	825	31
Dekalb	DKC52-59 CK	VT3	AC,P2	102	194.0	15.3	1	29.0	872	10

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Test Average = **184.0** **15.9** **1** **27.8** **824**  
LSD (0.10) = 18.1 0.9 ns  
C.V. = 7.3 4.4

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

**Test Comments:** With July rainfall 1.5 inches above the 30-year average and near normal August rainfall, this location was able to produce good yields this year. These tests had uniform stands and looked excellent from one end to the other. The crop and grain was dry and helped to make for excellent harvest conditions.

† 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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Report date: 10/27/2013 Revised:

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SOIL CONDITION: Mod. High P, high K, 5.6 pH, 2.5% OM  
PEST MANAGEMENT: Force, Balance Flex, Roundup, Atrazine  
FERTILITY - Applied N: 125 Spring  
Applied N-P-K (units): 125-52-0  
SEEDED - RATE - ROW: May 25 28,500 /A 30" spacing  
HARVESTED - STAND: Oct 24 27,800 /A

**Full-Season Test**  
**104 - 107 Day CRM**  
B2013SDSE06b

**Top 30 of 42**  
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
Kruger	KR-7506	VT3P,B	AC,P5V	106	219.6	18.5	1	27.6	969	2
NuTech/G2 Gen	5H-905	HX,RR2	MQ,C2	105	218.9	16.5	1	29.5	977	1
Kruger	K4R-9306	STX,B	AC,P5V	106	216.7	20.1	1	27.6	948	5
Heine	790VT3Pro	VT3P	AC,P2	106	213.2	17.0	3	28.1	949	4
NuTech/G2 Gen	5H-806	HX,RR2	MQ,C2	106	212.9	17.4	1	26.1	945	6
Wensman	W 91073STXRIB	STX,B	AC,P5V	107	212.4	19.2	6	27.6	933	7
Heine	810VT3Pro	VT3P	AC,P2	107	211.6	19.0	5	28.6	931	9
Dairyland	DS9306	3000GT	CM,C2	106	211.4	15.3	1	29.0	950	3
Mustang	7805GENSS	STX	AC,P2	105	210.8	18.2	1	29.5	932	8
Heine	798STX	STX	AC,P2	107	210.4	19.5	1	28.1	923	11
Renk	RK699SSTX	STX	AC,P2	105	209.1	18.0	1	25.7	925	10
Titan Pro	2M04-2P	VT2P,B	AC,P2,Z	104	209.1	18.8	1	30.0	921	12
Titan Pro	2M07-SS	STX,B	AC,P5V,Z	107	207.4	17.8	1	28.1	919	13
Stine	9632SS	STX	CM,C2	107	206.9	17.3	4	29.0	919	14
Kruger	K4R-9304	STX,B	AC,P5V	104	206.3	18.3	1	28.6	911	15
NuTech/G2 Gen	5H-707	HX,RR2	MQ,P1V,R	107	205.7	18.5	1	26.6	908	16
Renk	RK752SSTX	STX,B	AC,P5V	105	204.8	20.4	1	29.0	894	20
Renze	2224-3000GT	3000GT	CM,C2	104	203.5	16.6	2	29.0	908	17
Titan Pro	TP 39-05 SS	STX	AC,P2,Z	105	203.3	17.4	1	25.7	903	18
Heine	747STX	STX	AC,P2	106	203.2	19.2	1	27.6	893	21
Wensman	W 7330VT3PRIB	VT3P,B	AC,P2	104	200.7	15.8	1	28.6	899	19
Curry	625-54 GC	HX,RR2	MQ,C2,R	105	198.9	16.2	2	28.6	889	22
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105	197.6	17.3	2	27.6	878	24
LG Seeds	LG5524VT3P	VT3P	AC,P5V	105	196.5	16.8	1	27.1	875	25
Great Lakes	5688STX	STX	AC,P5V	106	195.9	17.0	1	28.1	872	27
Producers	6734VT3Pro	VT3P	AC,P5V	107	194.9	15.6	1	27.1	874	26
Kruger	K4R-9205	STX,B	AC,P5V	105	194.6	16.7	2	28.1	867	28
Renze	3264SST	STX	CM,C2	107	194.1	16.8	1	26.6	865	29
Great Lakes	5785VT3PRIB	VT3P,B	AC,P5V	107	192.3	17.5	1	28.6	853	31
Pfister	2413RA	STX,B	CM,C2	105	191.6	16.4	2	27.1	855	30
Dekalb	DKC52-59 CK	VT3	AC,P2	102	196.8	15.7	1	29.0	882	23

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Test Average = **199.3**    **17.4**    **2**    **27.8**    **885**  
LSD (0.10) = 21.0    1.5    ns  
C.V. = 7.7    6.5

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:** *With July rainfall 1.5 inches above the 30-year average and near normal August rainfall, this location was able to produce good yields this year. These tests had uniform stands and looked excellent from one end to the other. The crop and grain was dry and helped to make for excellent harvest conditions.*

† 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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**Early-Season Test Products (63 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Curry	422-09	HXT,RR2	MQ,C2,R	102	Proseed	PX97RSSRIB	STX,B	AC,P2	97
Dairyland	DS9501SSX	STX	AVC,C2	100	Proseed	PX99C3000GT	3000GT	CM,C2	99
Dairyland	DS9898RA	STX,B	CM,C2	98	Renk	RK598SSTX	STX,B	AC,P5V	100
Dekalb	DKC49-29RIB GC	STX,B	AC,P2	99	Renk	RK629VT3P	VT3P	AC,P2	102
Dekalb	DKC52-59 CK	VT3	AC,P2	102	Renk	RK633SSTX	STX	AC,P2	101
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	Renk	RK666SSTX	STX	AC,P2	102
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	Renze	3133SST	STX	CM,C2	99
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	Renze	3174SST	STX	CM,C2	102
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	Stine	9424SS	STX	AC,P2	100
Great Lakes	5368VT3PRIB	VT3P,B	AC,P5V	103	Stine	9425SS	STX	AC,P2	102
Heine	733VT3	VT3	AC,P2	102	Titan Pro	1M02-SS	STX	AC,P1V,Z	102
Heine	735STX	STX	AC,P2	103	Titan Pro	1M99-3P	VT3P	AC,P5V,Z	99
Heine	737-3000GT	3000GT	CM,C2	103	Titan Pro	TP 35-01 2P	VT2P	AC,P2,Z	101
Heine	744VT3Pro	VT3P	AC,P2	103	Titan Pro	TP 39-02 SS	STX	AC,P5V,Z	102
Kruger	K4R-9199	STX,B	AC,P5V	99	Wensman	W 7290VT3PRIB	VT3P,B	AC,P2	99
Kruger	K4R-9702	STX,B	AC,P5V	102	Wensman	W 7320VT3PRIB	VT3P,B	AC,P2	101
Kruger	K4R-9703	STX,B	AC,P5V	103	Wensman	W 9288STXRIB	STX,B	AC,P2	98
Kruger	K4R-9901	STX,B	AC,P5V	101	Wensman	W 9325STXRIB	STX,B	AC,P2	102
Legend	LR9397VT2PRIB GC	VT2P,B	CM,C2	97					
Legend	LR9401GENSSRIB GC	STX,B	AC,P1	101					
LG Seeds	LG2501VT3PRIB	VT3P,B	AC,P5V	100					
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
LG Seeds	LG5522VT3PRIB	VT3P,B	AC,P5V	103					
Mustang	5850GENSS	STX	AC,P2	100					
Mustang	6801GENSS	STX,B	AC,P2	101					
Mustang	6803GENSS	STX	AC,P2	103					
NuTech	5N-9802	3000GT	MQ,C2	98					
NuTech/G2 Gen	3D-802AMX	AMX-R,B	MQ,C2	102					
NuTech/G2 Gen	5H-202	HX,RR2	MQ,C2	102					
NuTech/G2 Gen	5H-502	HX,RR2	MQ,C2	102					
NuTech/G2 Gen	5Z-0105	OI	MQ,P1V,R	101					
Pfister	1780RA	STX,B	CM,C2	99					
Pfister	1821RA	STX,B	CM,C2	100					
Pfister	2225SS	STX	CM,C2	102					
Pioneer	36V51 GC	RR2	MQ,P1V	102					
Pioneer	P0062AMX GC	AMX,B	CM,C2	100					
Prairie Brand	1022SX	STX	CM,C1	100					
Prairie Brand	5584SX	STX	CM,C1	103					
Prairie Brand	981VT3	VT3	CM,C2	98					
Prairie Brand	992RA	STX,B	CM,C2	99					
Producers	5898STXRIB	STX,B	AC,P5V	98					
Producers	5904VT3PRIB	VT3P,B	AC,P5V	99					
Producers	6108STXRIB	STX,B	AC,P5V	101					
Proseed	PX101RVT3P	VT3P	AC,P2	101					

**Full-Season Test Products (42 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Curry	625-54 GC	HX,RR2	MQ,C2,R	105					
Dairyland	DS9306	3000GT	CM,C2	106					
Dairyland	DS9604SSX	STX	CM,C2	103					
Dekalb	DKC52-59 CK	VT3	AC,P2	102					
Great Lakes	5525VT3PRO	VT3P	AC,P5V	105					
Great Lakes	5688STX	STX	AC,P5V	106					
Great Lakes	5785VT3PRIB	VT3P,B	AC,P5V	107					
Heine	747STX	STX	AC,P2	106					
Heine	790VT3Pro	VT3P	AC,P2	106					
Heine	798STX	STX	AC,P2	107					
Heine	810VT3Pro	VT3P	AC,P2	107					
Kruger	K4R-9205	STX,B	AC,P5V	105					
Kruger	K4R-9304	STX,B	AC,P5V	104					
Kruger	K4R-9306	STX,B	AC,P5V	106					
Kruger	KR-7506	VT3P,B	AC,P5V	106					
LG Seeds	LG5524VT3P	VT3P	AC,P5V	105					
LG Seeds	LG5528VT3P	VT3P	AC,P5V	105					
LG Seeds	LG5533VT3P	VT3P	AC,P5V	107					
Mustang	6604GENT3P	VT3P	AC,P2	104					
Mustang	7805GENSS	STX	AC,P2	105					
NuTech/G2 Gen	5H-707	HX,RR2	MQ,P1V,R	107					
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105					
NuTech/G2 Gen	5H-806	HX,RR2	MQ,C2	106					
NuTech/G2 Gen	5H-905	HX,RR2	MQ,C2	105					
Pfister	2413RA	STX,B	CM,C2	105					
Producers	6624VT3PRIB	VT3P,B	AC,P5V	105					
Producers	6734VT3Pro	VT3P	AC,P5V	107					
Producers	6884VT3PRIB	VT3P,B	AC,P5V	107					
Renk	RK699SSTX	STX	AC,P2	105					
Renk	RK752SSTX	STX,B	AC,P5V	105					
Renk	RK776VT3P	VT3P	AC,P2	107					
Renze	2224-3000GT	3000GT	CM,C2	104					
Renze	3264SST	STX	CM,C2	107					
Stine	9534VT3Pro	VT3P	AC,P2	106					
Stine	9632SS	STX	CM,C2	107					
Titan Pro	2M04-2P	VT2P,B	AC,P2,Z	104					
Titan Pro	2M07-SS	STX,B	AC,P5V,Z	107					
Titan Pro	TP 37-06 SS	STX	AC,P5V,Z	106					
Titan Pro	TP 39-05 SS	STX	AC,P2,Z	105					
Wensman	W 7330VT3PRIB	VT3P,B	AC,P2	104					
Wensman	W 7459VT3PRIB	VT3P,B	AC,P2	107					
Wensman	W 91073STXRIB	STX,B	AC,P5V	107					

## 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.