

2013 Corn Grain Top 30 Harvest Report

South Dakota Southeast [SDSE] SALEM
Kurt Stiefvater, McCook County, SD 57058



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

PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Crossplain-Clarno clay loam, mod. well drained, minimum w/o fall till, non-irrigated
SOIL CONDITION: High P, high K, 7.2 pH, 2.7% OM
PEST MANAGEMENT: Force, Roundup, Laudis, Atrazine
FERTILITY - Applied N: 64 Spring, 42 Side
Applied N-P-K (units): 106-75-45
SEEDED - RATE - ROW: May 13 30,500 /A 30" spacing
HARVESTED - STAND: Oct 20 28,400 /A

Early-Season Test
98 - 103 Day CRM
B2013SDSE02a

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
Producers	6108STXRIB	STX,B	AC,P5V	101	220.7	15.5	1	30.5	990	1
Curry	422-09	HXT,RR2	MQ,C2,R	102	219.2	16.4	1	30.5	979	2
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	218.5	15.8	1	28.5	979	3
Mustang	5850GENSS	STX	AC,P2	100	216.3	16.4	1	25.6	966	4
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	212.1	15.4	1	28.0	952	5
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98	208.5	15.3	1	28.1	937	6
NuTech/G2 Gen	3D-802AMX	AMX-R,B	MQ,C2	102	208.4	15.7	1	28.1	934	7
Wensman	W 7290VT3PRIB	VT3P,B	AC,P2	99	205.7	15.6	1	29.5	923	8
Producers	5898STXRIB	STX,B	AC,P5V	98	205.6	15.7	1	29.5	922	9
Renk	RK666SSTX	STX	AC,P2	102	204.9	15.4	1	27.6	920	10
Renze	3174SST	STX	CM,C2	102	204.6	15.8	1	29.0	917	13
Wensman	W 9325STXRIB	STX,B	AC,P2	102	204.5	15.4	1	29.0	918	12
Kruger	K4R-9199	STX,B	AC,P5V	99	204.3	14.9	1	27.6	919	11
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	203.3	15.6	1	28.1	912	15
NuTech	5N-9802	3000GT	MQ,C2	98	203.2	14.8	1	28.5	914	14
Prairie Brand	1022SX	STX	CM,C1	100	203.1	15.8	1	29.0	910	16
Wensman	W 9288STXRIB	STX,B	AC,P2	98	202.4	15.2	1	29.5	910	17
Kruger	K4R-9703	STX,B	AC,P5V	103	201.1	15.3	1	27.1	903	18
Pfister	1780RA	STX,B	CM,C2	99	199.9	15.3	1	28.0	898	19
Dekalb	DKC49-29RIB GC	STX,B	AC,P2	99	199.9	15.4	1	29.0	898	20
Stine	9425SS	STX	AC,P2	102	199.9	15.5	1	29.0	897	21
Kruger	K4R-9702	STX,B	AC,P5V	102	199.3	16.4	2	30.5	890	22
Kruger	K4R-9901	STX,B	AC,P5V	101	197.4	15.4	1	28.5	886	23
Dairyland	DS9898RA	STX,B	CM,C2	98	196.9	15.1	1	28.6	886	24
Renze	3133SST	STX	CM,C2	99	196.6	15.3	1	29.0	883	25
Legend	LR9401GENSSRIB GC	STX,B	AC,P1	101	194.7	15.5	1	29.0	874	26
Pioneer	P0062AMX GC	AMX,B	CM,C2	100	193.6	15.0	1	27.6	871	27
Heine	733VT3	VT3	AC,P2	102	193.6	15.6	1	29.0	868	28
Pfister	1821RA	STX,B	CM,C2	100	192.9	14.7	2	28.6	868	29
Proseed	PX99C3000GT	3000GT	CM,C2	99	192.8	14.8	1	30.9	868	30
Dekalb	DKC52-59 CK	VT3	AC,P2	102	176.4	14.9	1	28.1	794	57

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Test Average = **192.3** **15.4** **1** **28.4** **863**
LSD (0.10) = 21.5 0.7 ns
C.V. = 8.3 3.3

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: *Weak ear shanks resulted in ears easily falling off the plant during harvest and most of leaves had been blown off the stalks. Both early- and full-season tests had dry corn and harvest went well. Timely rains helped produce good yields as July and August rainfall slightly exceeded the 30-year average for the area.*

† 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: 10/22/2013 Revised:

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PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Crossplain-Clarno clay loam, mod. well drained, minimum w/o fall till, non-irrigated
SOIL CONDITION: High P, high K, 7.2 pH, 2.7% OM
PEST MANAGEMENT: Force, Roundup, Laudis, Atrazine
FERTILITY - Applied N: 64 Spring, 42 Side
Applied N-P-K (units): 106-75-45
SEDED - RATE - ROW: May 13 30,500 /A 30" spacing
HARVESTED - STAND: Oct 20 28,900 /A

Full-Season Test
104 - 107 Day CRM
B2013SDSE02b

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	219.8	16.3	1	28.6	982	1
Titan Pro	TP 39-05 SS	STX	AC,P2,Z	105	219.1	16.7	1	28.1	977	2
Kruger	K4R-9306	STX,B	AC,P5V	106	214.7	18.7	1	30.5	946	3
Kruger	K4R-9205	STX,B	AC,P5V	105	209.6	17.2	1	27.6	932	5
Titan Pro	2M07-SS	STX,B	AC,P5V,Z	107	208.5	16.8	1	30.5	929	6
Pfister	2413RA	STX,B	CM,C2	105	208.1	15.7	1	29.5	933	4
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105	205.0	16.4	1	29.0	915	7
Wensman	W 91073STXRIB	STX,B	AC,P5V	107	202.6	17.6	1	30.0	899	10
Renk	RK699SSTX	STX	AC,P2	105	202.5	16.8	1	27.6	902	9
Renze	2224-3000GT	3000GT	CM,C2	104	201.9	15.0	1	28.1	909	8
Mustang	7805GENSS	STX	AC,P2	105	200.4	16.2	1	29.5	896	11
Titan Pro	TP 37-06 SS	STX	AC,P5V,Z	106	199.3	16.6	1	28.6	889	12
Kruger	K4R-9304	STX,B	AC,P5V	104	198.4	16.5	1	26.1	885	13
Heine	798STX	STX	AC,P2	107	198.2	16.7	1	29.5	883	15
Renk	RK776VT3P	VT3P	AC,P2	107	197.8	16.2	2	29.5	884	14
Dairyland	DS9604SSX	STX	CM,C2	103	197.5	16.4	1	27.1	882	16
Heine	790VT3Pro	VT3P	AC,P2	106	196.7	16.8	1	30.5	876	19
Great Lakes	5688STX	STX	AC,P5V	106	196.1	16.0	1	26.6	878	18
Dairyland	DS9306	3000GT	CM,C2	106	195.3	14.5	2	30.0	879	17
Stine	9632SS	STX	CM,C2	107	194.9	16.3	1	28.6	871	20
Wensman	W 7459VT3PRIB	VT3P,B	AC,P2	107	193.6	15.6	1	27.6	868	21
NuTech/G2 Gen	5H-707	HX,RR2	MQ,P1V,R	107	193.6	16.6	1	29.0	863	24
NuTech/G2 Gen	5H-905	HX,RR2	MQ,C2	105	193.1	15.2	1	27.1	868	22
Wensman	W 7330VT3PRIB	VT3P,B	AC,P2	104	192.1	14.9	1	31.0	864	23
Heine	747STX	STX	AC,P2	106	190.4	15.9	1	29.5	853	25
Stine	9534VT3Pro	VT3P	AC,P2	106	190.3	16.6	1	28.6	849	27
Renk	RK752SSTX	STX,B	AC,P5V	105	189.7	16.5	1	29.5	847	30
LG Seeds	LG5528VT3P	VT3P	AC,P5V	105	189.6	15.1	1	30.0	853	26
Producers	6734VT3Pro	VT3P	AC,P5V	107	189.6	16.2	2	29.5	848	29
LG Seeds	LG5533VT3P	VT3P	AC,P5V	107	189.0	15.3	1	27.1	849	28
Dekalb	DKC52-59 CK	VT3	AC,P2	102	176.3	15.1	1	29.0	793	42

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Test Average = **195.0** **16.1** **1** **28.9** **872**
LSD (0.10) = 19.5 1.1 ns
C.V. = 7.4 4.9

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: *Weak ear shanks resulted in ears easily falling off the plant during harvest and most of leaves had been blown off the stalks. Both early- and full-season tests had dry corn and harvest went well. Timely rains helped produce good yields as July and August rainfall slightly exceeded the 30-year average for the area.*

† 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	6604GENVT3P	VT3P	AC,P2	104					
Mustang	7805GENSS	STX	AC,P2	105					
NuTech/G2 Ger	5H-707	HX,RR2	MQ,P1V,R	107					
NuTech/G2 Ger	5H-805	HX,RR2	MQ,P1V,R	105					
NuTech/G2 Ger	5H-806	HX,RR2	MQ,C2	106					
NuTech/G2 Ger	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.