

2013 Corn Grain Top 30 Harvest Report
 South Dakota Southeast [SDSE] BERESFORD
 Jason & Kendall Frick, Clay County, SD 57004



PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Egan-Clarno-Chancellor silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Mod. Low P, moderate K, 6.9 pH, 3% OM
 PEST MANAGEMENT: Force, Roundup, Balance Pro
 FERTILITY - Applied N: 150 Spring
 Applied N-P-K (units): 150-0-0
 SEEDED - RATE - ROW: May 15 31,500 /A 30" spacing
 HARVESTED - STAND: Oct 18 28,800 /A

Early-Season Test
98 - 103 Day CRM
 B2013SDSE03a

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
Mustang	5850GENSS	STX	AC,P2	100	196.6	15.7	1	30.0	881	1
Great Lakes	5368VT3PRIB	VT3P,B	AC,P5V	103	193.0	15.7	1	29.5	865	3
Renk	RK666SSTX	STX	AC,P2	102	192.9	15.4	1	30.5	866	2
Prairie Brand	1022SX	STX	CM,C1	100	191.4	15.6	1	28.0	858	4
Heine	744VT3Pro	VT3P	AC,P2	103	190.3	15.8	7	29.5	853	5
Pfister	2225SS	STX	CM,C2	102	187.1	15.0	1	30.0	842	6
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	186.2	15.7	1	28.1	835	7
Titan Pro	1M02-SS	STX	AC,P1V,Z	102	185.0	15.7	3	30.0	829	8
Dairyland	DS9898RA	STX,B	CM,C2	98	184.3	14.4	1	29.5	829	9
LG Seeds	LG5522VT3PRIB	VT3P,B	AC,P5V	103	184.1	16.5	1	30.0	822	13
NuTech/G2 Gen	3D-802AMX	AMX-R,B	MQ,C2	102	183.9	16.4	1	28.6	821	14
Pioneer	36V51 GC	RR2	MQ,P1V	102	183.7	15.4	1	29.5	825	10
Wensman	W 9288STXRIB	STX,B	AC,P2	98	183.3	15.4	2	29.0	823	12
Prairie Brand	992RA	STX,B	CM,C2	99	183.0	14.6	1	27.1	824	11
Pfister	1821RA	STX,B	CM,C2	100	182.7	15.2	1	27.6	821	15
NuTech/G2 Gen	5Z-0105	OI	MQ,P1V,R	101	182.0	15.5	4	29.0	817	16
Renze	3174SST	STX	CM,C2	102	181.8	15.3	1	28.1	817	17
Titan Pro	TP 35-01 2P	VT2P	AC,P2,Z	101	180.3	16.2	1	28.5	806	18
Stine	9425SS	STX	AC,P2	102	180.3	16.2	1	28.1	806	19
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	179.9	15.8	1	29.5	806	20
Producers	6108STXRIB	STX,B	AC,P5V	101	179.5	15.3	1	29.0	806	21
Heine	737-3000GT	3000GT	CM,C2	103	179.2	17.9	1	28.5	793	22
Wensman	W 7320VT3PRIB	VT3P,B	AC,P2	101	175.4	16.3	2	25.2	784	24
Legend	LR9401GENSSRIB GC	STX,B	AC,P1	101	175.2	15.2	1	29.0	788	23
Curry	422-09	HXT,RR2	MQ,C2,R	102	174.5	16.0	1	28.5	781	27
Proseed	PX97RSSRIB	STX,B	AC,P2	97	174.1	14.8	1	28.5	783	25
Pioneer	P0062AMX GC	AMX,B	CM,C2	100	174.1	15.0	1	27.6	783	26
Kruger	K4R-9901	STX,B	AC,P5V	101	173.6	15.0	1	27.6	781	28
Kruger	K4R-9703	STX,B	AC,P5V	103	173.2	15.2	1	26.1	779	29
Prairie Brand	5584SX	STX	CM,C1	103	172.6	15.0	4	29.5	777	30
Dekalb	DKC52-59 CK	VT3	AC,P2	102	151.7	14.3	1	29.5	683	63

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Test Average = **172.9** **15.4** **1** **28.8** **776**
 LSD (0.10) = 14.9 0.7 2
 C.V. = 6.4 3.2

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

Test Comments: Many of the corn stalks had broken off above the ear at harvest. Saw some minor stalk and ear lodging. Some widely varied yields in the late season test could be attributed to the dry weather in July and variable soil type here. Grain moistures were dry in both tests making harvest go very well. Overall, grain yield was very good here. Very good weed control and no diseases of concern.

† 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: Mod. Low P, moderate K, 6.9 pH, 3% OM
 PEST MANAGEMENT: Force, Roundup, Balance Pro
 FERTILITY - Applied N: 150 Spring
 Applied N-P-K (units): 150-0-0
 SEEDED - RATE - ROW: May 15 31,500 /A 30" spacing
 HARVESTED - STAND: Oct 18 28,900 /A

Full-Season Test
104 - 107 Day CRM
 B2013SDSE03b

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
Great Lakes	5785VT3PRIB	VT3P,B	AC,P5V	107	197.8	15.4	1	29.0	888	1
Producers	6884VT3PRIB	VT3P,B	AC,P5V	107	194.4	15.4	1	28.6	873	2
NuTech/G2 Gen	5H-707	HX,RR2	MQ,P1V,R	107	189.2	16.3	1	28.6	845	3
LG Seeds	LG5528VT3P	VT3P	AC,P5V	105	181.2	17.7	1	28.6	803	4
Wensman	W 7330VT3PRIB	VT3P,B	AC,P2	104	177.1	15.2	1	29.0	796	5
Wensman	W 7459VT3PRIB	VT3P,B	AC,P2	107	176.8	16.1	1	29.0	791	6
Dairyland	DS9306	3000GT	CM,C2	106	175.1	15.6	5	28.6	785	7
Stine	9534VT3Pro	VT3P	AC,P2	106	172.7	16.4	2	29.0	771	8
NuTech/G2 Gen	5H-806	HX,RR2	MQ,C2	106	168.8	16.1	1	26.1	755	10
Titan Pro	2M04-2P	VT2P,B	AC,P2,Z	104	168.6	16.2	2	29.5	754	12
Renk	RK776VT3P	VT3P	AC,P2	107	168.3	16.5	7	30.0	751	13
LG Seeds	LG5524VT3P	VT3P	AC,P5V	105	168.2	15.2	1	27.1	756	9
Pfister	2413RA	STX,B	CM,C2	105	168.2	15.5	4	30.5	755	11
Heine	798STX	STX	AC,P2	107	168.0	17.7	2	27.6	745	14
Titan Pro	TP 37-06 SS	STX	AC,P5V,Z	106	164.1	16.3	1	28.6	733	15
LG Seeds	LG5533VT3P	VT3P	AC,P5V	107	163.0	16.4	1	30.0	728	17
Heine	810VT3Pro	VT3P	AC,P2	107	163.0	16.3	2	30.5	728	18
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105	162.4	15.3	1	29.5	730	16
Renze	3264SST	STX	CM,C2	107	160.6	15.8	1	27.6	719	19
Heine	747STX	STX	AC,P2	106	158.7	15.3	5	29.5	713	20
Mustang	7805GENSS	STX	AC,P2	105	157.8	16.6	1	29.0	704	21
Kruger	K4R-9304	STX,B	AC,P5V	104	157.7	16.5	1	29.5	704	22
Producers	6624VT3PRIB	VT3P,B	AC,P5V	105	157.6	16.8	1	28.6	702	24
Renze	2224-3000GT	3000GT	CM,C2	104	157.1	15.9	9	29.0	703	23
Titan Pro	2M07-SS	STX,B	AC,P5V,Z	107	154.3	15.4	2	30.0	693	25
Titan Pro	TP 39-05 SS	STX	AC,P2,Z	105	154.2	15.5	2	29.5	692	26
Renk	RK699SSTX	STX	AC,P2	105	152.3	16.0	1	25.7	682	28
Kruger	KR-7506	VT3P,B	AC,P5V	106	152.1	14.6	1	27.6	684	27
Stine	9632SS	STX	CM,C2	107	151.0	15.1	1	30.0	679	29
Mustang	6604GENVT3P	VT3P	AC,P2	104	150.9	15.0	14	30.5	679	30
Dekalb	DKC52-59 CK	VT3	AC,P2	102	141.5	14.1	1	28.6	637	36

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Test Average = **159.1** **15.9** **2** **28.9** **712**
 LSD (0.10) = 28.3 1.1 3
 C.V. = 13.1 5.2

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: *Many of the corn stalks had broken off above the ear at harvest. Saw some minor stalk and ear lodging. Some widely varied yields in the late season test could be attributed to the dry weather in July and variable soil type here. Grain moistures were dry in both tests making harvest go very well. Overall, grain yield was very good here. Very good weed control and no diseases of concern.*

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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.