

2013 Corn Grain Top 30 Harvest Report

South Dakota Southeast [SDSE] COLTON
Floyd Snoozy, Minnehaha County, SD 57018



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

PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Moody-Kranzenburg silty clay loam, mod. poor drained, conventional w/ fall till, non-irrigated
SOIL CONDITION: Mod. High P, high K, 5.9 pH, 3.4% OM
PEST MANAGEMENT: Force, Roundup, SureStart, Atrazine
FERTILITY - Applied N: 120 Fall, 50 Side
Applied N-P-K (units): 170-50-0
SEEDED - RATE - ROW: May 14 31,500 /A 30" spacing
HARVESTED - STAND: Oct 19 29,400 /A

Early-Season Test

98 - 103 Day CRM
B2013SDSE04a

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
Kruger	K4R-9901	STX,B	AC,P5V	101	252.7	20.2	4	29.0	1,104	1
LG Seeds	LG5522VT3PRIB	VT3P,B	AC,P5V	103	247.9	22.2	12	28.1	1,071	4
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	246.8	19.9	2	30.0	1,080	2
Producers	5898STXRIB	STX,B	AC,P5V	98	243.7	18.6	2	29.0	1,075	3
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	240.3	18.3	9	29.5	1,062	5
Producers	5904VT3PRIB	VT3P,B	AC,P5V	99	237.4	17.5	4	30.5	1,053	6
Titan Pro	TP 39-02 SS	STX	AC,P5V,Z	102	236.9	20.1	1	30.0	1,036	8
Kruger	K4R-9199	STX,B	AC,P5V	99	236.4	19.0	1	30.5	1,040	7
Titan Pro	TP 35-01 2P	VT2P	AC,P2,Z	101	235.9	20.0	2	30.5	1,032	9
Heine	733VT3	VT3	AC,P2	102	235.0	19.3	1	30.0	1,032	10
Producers	6108STXRIB	STX,B	AC,P5V	101	234.9	20.7	3	30.0	1,024	13
Wensman	W 7320VT3PRIB	VT3P,B	AC,P2	101	234.4	20.9	6	26.6	1,020	15
Stine	9424SS	STX	AC,P2	100	233.2	19.0	1	29.5	1,026	11
Renk	RK666SSTX	STX	AC,P2	102	233.0	19.0	5	30.5	1,025	12
NuTech	5N-9802	3000GT	MQ,C2	98	230.4	17.2	2	28.5	1,024	14
Renk	RK629VT3P	VT3P	AC,P2	102	230.3	18.8	4	28.5	1,014	17
Pfister	1821RA	STX,B	CM,C2	100	229.7	18.0	1	31.0	1,016	16
Prairie Brand	1022SX	STX	CM,C1	100	229.4	20.2	6	28.5	1,002	22
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	229.2	20.2	2	31.9	1,002	23
Curry	422-09	HXT,RR2	MQ,C2,R	102	229.0	19.6	4	29.5	1,004	20
Wensman	W 7290VT3PRIB	VT3P,B	AC,P2	99	228.7	18.2	5	31.4	1,011	18
Kruger	K4R-9702	STX,B	AC,P5V	102	228.6	19.4	2	28.5	1,004	21
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	228.0	19.7	1	29.5	999	24
Proseed	PX99C3000GT	3000GT	CM,C2	99	227.1	17.8	2	30.0	1,006	19
NuTech/G2 Gen	5H-502	HX,RR2	MQ,C2	102	226.9	19.0	2	27.6	998	25
Wensman	W 9325STXRIB	STX,B	AC,P2	102	226.5	20.0	1	30.5	991	28
Titan Pro	1M02-SS	STX	AC,P1V,Z	102	226.4	20.2	14	30.5	989	30
Pioneer	P0062AMX GC	AMX,B	CM,C2	100	225.2	17.9	7	26.6	997	26
Proseed	PX101RVT3P	VT3P	AC,P2	101	225.0	18.9	1	31.0	991	29
LG Seeds	LG2501VT3PRIB	VT3P,B	AC,P5V	100	223.0	16.9	2	29.5	993	27
Dekalb	DKC52-59 CK	VT3	AC,P2	102	213.6	17.7	2	29.5	947	46

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Test Average = **222.7** **19.2** **4** **29.4** **979**
LSD (0.10) = 21.2 1.3 8
C.V. = 7.0 4.8

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

Test Comments: *Good stalk health at harvest with some very tall corn and most varieties had tassels attached. We did have some minor stalk lodging in areas but ear shanks held well and were much tougher than any other so far this year. Reports of 270 bpa on combine yield monitors have been seen in parts of local fields. Very nice test plot yields at this site as well.*

† 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: 10/21/2013 Revised:

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

PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Moody-Kranzenburg silty clay loam, mod. poor drained, conventional w/ fall till, non-irrigated
SOIL CONDITION: Mod. High P, high K, 5.9 pH, 3.4% OM
PEST MANAGEMENT: Force, Roundup, SureStart, Atrazine
FERTILITY - Applied N: 120 Fall, 50 Side
Applied N-P-K (units): 170-50-0
SEDED - RATE - ROW: May 14 31,500 /A 30" spacing
HARVESTED - STAND: Oct 19 29,500 /A

Full-Season Test
104 - 107 Day CRM
B2013SDSE04b

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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
Heine	790VT3Pro	VT3P	AC,P2	106	273.2	21.4	1	29.5	1,186	1
Renk	RK776VT3P	VT3P	AC,P2	107	261.9	21.7	2	28.6	1,135	3
Great Lakes	5688STX	STX	AC,P5V	106	261.8	21.3	6	29.5	1,137	2
Producers	6624VT3PRIB	VT3P,B	AC,P5V	105	257.0	21.7	1	30.5	1,113	4
Wensman	W 7330VT3PRIB	VT3P,B	AC,P2	104	254.4	22.1	1	30.0	1,100	5
Producers	6884VT3PRIB	VT3P,B	AC,P5V	107	252.0	22.0	5	29.5	1,090	6
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105	249.8	22.2	1	29.0	1,079	7
Stine	9632SS	STX	CM,C2	107	247.3	22.5	12	31.0	1,066	9
Mustang	7805GENSS	STX	AC,P2	105	246.4	22.3	3	29.5	1,064	10
Kruger	K4R-9306	STX,B	AC,P5V	106	246.2	19.9	1	29.5	1,078	8
LG Seeds	LG5528VT3P	VT3P	AC,P5V	105	244.9	22.1	3	28.6	1,059	12
Great Lakes	5525VT3PRO	VT3P	AC,P5V	105	244.6	21.1	1	26.1	1,063	11
Renze	3264SST	STX	CM,C2	107	244.1	22.4	4	28.6	1,053	14
Heine	798STX	STX	AC,P2	107	243.5	21.2	1	28.6	1,058	13
Titan Pro	TP 39-05 SS	STX	AC,P2,Z	105	242.8	22.5	1	29.0	1,047	16
Dairyland	DS9306	3000GT	CM,C2	106	242.4	22.8	10	30.5	1,044	20
Producers	6734VT3Pro	VT3P	AC,P5V	107	242.2	22.4	4	28.6	1,045	19
Great Lakes	5785VT3PRIB	VT3P,B	AC,P5V	107	241.7	21.6	2	29.5	1,048	15
Renk	RK752SSTX	STX,B	AC,P5V	105	241.7	21.9	4	29.0	1,046	17
Titan Pro	2M04-2P	VT2P,B	AC,P2,Z	104	241.1	21.5	6	31.0	1,046	18
LG Seeds	LG5524VT3P	VT3P	AC,P5V	105	239.5	22.2	1	29.0	1,035	21
LG Seeds	LG5533VT3P	VT3P	AC,P5V	107	238.6	22.3	2	30.5	1,030	22
NuTech/G2 Gen	5H-806	HX,RR2	MQ,C2	106	238.4	22.3	4	29.0	1,029	23
Titan Pro	TP 37-06 SS	STX	AC,P5V,Z	106	237.1	22.0	9	29.5	1,025	25
Kruger	K4R-9304	STX,B	AC,P5V	104	236.9	21.6	7	30.0	1,027	24
Kruger	KR-7506	VT3P,B	AC,P5V	106	236.1	21.5	2	29.0	1,024	26
NuTech/G2 Gen	5H-707	HX,RR2	MQ,P1V,R	107	235.6	21.6	10	29.0	1,021	28
NuTech/G2 Gen	5H-905	HX,RR2	MQ,C2	105	234.6	20.7	1	30.0	1,022	27
Heine	747STX	STX	AC,P2	106	234.6	21.8	7	30.0	1,016	29
Wensman	W 91073STXRIB	STX,B	AC,P5V	107	231.9	21.5	7	29.0	1,006	30
Dekalb	DKC52-59 CK	VT3	AC,P2	102	218.0	17.5	3	32.9	967	36

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Test Average = **238.4** 21.7 4 **29.5** **1,033**
LSD (0.10) = 21.9 1.1 9
C.V. = 6.8 3.9

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

Test Comments: *Good stalk health at harvest with some very tall corn and most varieties had tassels attached. We did have some minor stalk lodging in areas but ear shanks held well and were much tougher than any other so far this year. Reports of 270 bpa on combine yield monitors have been seen in parts of local fields. Very nice test plot yields at this site as well.*

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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					

2013 Corn Grain - South Dakota Southeast [SDSE]



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.