

2014 Corn Grain Top 30 Harvest Report

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



PREV. CROP/HERB: Soybean / Roundup, Authority Assist
SOIL DESCRIPTION: Crossplain-Clarno loam, mod. well drained, conventional w/ fall till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 6.7 pH, 4.5% OM
PEST MANAGEMENT: Force, SureStart, Laudis
FERTILITY - Applied N: 64 Fall, 42 Planter, 106 Sidedress
Applied N-P-K (units): 212-75-45
SEEDED - RATE - ROW: May 6 35,000 /A 30" spacing
HARVESTED - STAND: Oct 24 35,000 /A

Early-Season Test
98 - 102 Day CRM
B2014SDSE06a

Top 30 of 54
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
AgVenture	VPmx RL6283HBAW^	OT	MQ,P1	102	234.6	17.2	1	31.5	691	1
LG Seeds	LG5502STX	STX	AC,P5V	102	233.8	17.9	1	34.3	684	3
REA	5A029-RIB	STX,B	AC,P5V	102	231.7	16.8	1	36.3	685	2
Federal	5050SSTAX	STX	AC,P5V	100	226.9	16.6	1	36.3	672	4
Renk	RK633SSTX	STX,B	AC,P2	101	226.1	17.1	1	34.8	666	5
REA	5A992-RIB	STX,B	AC,P5V	99	225.2	17.2	1	35.3	663	7
Latham	LH4859SSRIB	STX,B	AC,P5V	98	224.4	16.5	1	35.8	665	6
Wensman	W 7320VT3PRIB	VT3P,B	AC,P5V	101	224.1	18.6	1	35.8	652	9
Renk	RK666SSTX	STX,B	AC,P2	102	221.0	17.9	1	35.3	647	11
Heine	735STX	STX	AC,P2	102	220.9	16.6	1	36.3	654	8
Federal	5240SSTAX	STX	AC,P5V	102	220.7	18.7	1	35.3	642	13
Dyna-Gro	D41SS71	STX	AC,P5V	101	220.5	17.1	1	32.9	650	10
ProSeed	13101SSRIB	STX,B	AC,P2	101	217.4	17.1	1	34.3	641	14
Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100	216.9	16.2	1	36.3	644	12
Wensman	W 9288STXRIB	STX,B	AC,P5V	98	216.9	16.9	1	35.3	640	17
Renk	RK605SSTX	STX	AC,P2	100	216.1	16.4	1	36.3	641	15
ProSeed	1399-3000GT	3000GT	CM,C2	99	216.0	16.3	1	33.9	641	16
Wensman	W 91011STXRIB	STX,B	AC,P5V	101	214.6	17.3	1	34.8	631	20
REA	5A993-RIB	STX,B	AC,P5V	99	214.4	17.5	1	34.8	630	21
ProSeed	1396VT3PRIB	VT3P,B	AC,P2	96	214.0	16.0	1	36.3	637	18
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	214.0	19.8	1	34.8	616	25
Dekalb	DKC51-19RIB GC	VT3P,DG,B	AC,P2	101	213.9	15.8	1	34.8	637	19
Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98	210.5	17.5	1	34.8	618	24
Pfister	1740SS	STX	AC,P5	98	210.3	19.4	1	35.8	608	31
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	209.9	18.3	1	34.8	612	27
Latham	LH5145VT2PRODGRI	VT2P,DG,B	AC,P5V	101	208.9	15.9	1	35.8	622	23
Latham	LH4955VT2PRORIB	VT2P,B	AC,P5V	99	207.4	16.4	1	34.8	615	26
ProSeed	1397SSRIB	STX,B	AC,P2	97	206.8	16.9	1	33.9	611	28
Dairyland	DS9900SSX	STX	CM,C2	99	206.4	16.9	1	34.8	609	30
Pfister	1821RA	STX,B	CM,C2	100	206.1	16.6	1	36.3	610	29
Dekalb	DKC53-56RIB CK	STX,B	AC,P5V	103	213.4	17.9	1	35.3	625	22

Mark Tollefson

mark.tollefson@firstseedtests.com, (507) 456-2357

Test Average = **210.2** 17.4 1 35.0 618
LSD (0.10) = 17.1 1.3 ns
LSD (0.25) = 12.0 0.9 ns
C.V. = 6.0 5.5

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$3.00}{\$3.00}$ Local GMO non-GMO

Test Comments: This location had a nice stand of corn with no stalk lodging or ear issues. Thanks to the mild weather all season, the corn crop was not severely stressed all growing season. Rainfall was limited in July with only 1.03 inches recorded. August rainfall of 4 inches was 0.85 inches above average. These timely rains and moderate temperatures were major contributors to some nice yields this year.

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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Report date: 10/26/2014 Revised:

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

PREV. CROP/HERB: Soybean / Roundup, Authority Assist
 SOIL DESCRIPTION: Crossplain-Clarno loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.7 pH, 4.5% OM
 PEST MANAGEMENT: Force, SureStart, Laudis
 FERTILITY - Applied N: 64 Fall, 42 Planter, 106 Sidedress
 Applied N-P-K (units): 212-75-45
 SEEDED - RATE - ROW: May 6 35,000 /A 30" spacing
 HARVESTED - STAND: Oct 24 34,500 /A

Full-Season Test

103 - 107 Day CRM

B2014SDSE06b

Top 30 of 54

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
Curry	627-44	HX,RR2,AQ	MQ,P5V,R	107	239.7	18.4	1	32.9	699	1
REA	6A032-RIB	STX,B	AC,P5V	103	236.6	19.5	1	35.8	683	3
Heine	744VT3PRORIB	VT3P,B	AC,P2	104	232.0	16.6	1	34.8	687	2
Latham	LH5715VT2PRORIB	VT2P,B	AC,P2	107	226.4	22.0	1	35.8	640	12
Prairie Brand	5815SX	STX	CM,C2	107	225.5	21.6	1	35.8	639	13
NuTech/G2 Gen	5H-806^	HX,RR2	CM,C2	106	223.9	19.0	1	33.9	649	9
Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105	223.2	20.5	1	32.4	639	14
Channel	203-88STXRIB	STX,B	AC,P5V	103	222.9	17.2	1	33.4	656	5
REA	6A062-RIB	STX,B	AC,P5V	106	222.5	18.1	1	35.3	650	8
NuTech/G2 Gen	5Z-707^	OI,AQ	MQ,P1V,R	107	222.4	16.8	1	34.3	657	4
Curry	726-56AM	AM,B	MQ,P5V,R	106	221.7	19.7	1	33.4	639	15
Latham	LH5744-3000GT	3000GT	AVC,C2	107	221.7	21.3	2	34.8	630	18
Latham	LH5659SSRIB	STX,B	AC,P5V	106	221.6	21.4	1	33.9	629	19
Curry	626-69 GC	HX,RR2	MQ,P5V,R	106	219.3	17.7	1	33.4	643	10
Titan Pro	2M04-2P	VT2P,B	AC,P2	104	218.5	21.4	1	35.8	621	23
Federal	5530VT3P	VT3P	AC,P2	105	217.6	15.4	2	33.9	651	7
Pfister	2399GT3000	3000GT	CM,C2	104	217.5	17.2	2	34.8	641	11
Heine	790STX	STX	AC,P5V	107	217.0	23.1	1	33.4	607	27
King	6707GT	GT	CM,C2	103	216.6	17.4	1	36.3	637	16
Dairyland	DS6805	STX	CM,C2	105	215.7	18.7	3	36.3	627	20
Renze	3255RA	STX,B	AC,P5	107	215.4	20.2	1	31.9	618	24
REA	6A071-RIB	STX,B	AC,P5V	107	214.8	22.0	1	34.8	607	28
Prairie Brand	1041RA	STX,B	CM,C2	104	214.7	18.4	1	34.8	626	21
Channel	205-19STXRIB	STX,B	AC,P5V	105	214.5	16.7	1	33.9	634	17
NuTech/G2 Gen	5F-805^	AM,B	MQ,P5V	105	214.4	19.0	1	33.9	622	22
LG Seeds	LG5523STX	STX	AC,P5V	105	213.8	19.3	1	34.8	618	25
Pfister	2447SS	STX	AC,P5	106	210.3	19.2	1	35.3	609	26
Prairie Brand	5785SX	STX	CM,C2	107	208.2	18.6	1	33.9	606	29
Wensman	W 7330VT3PRIB	VT3P,B	AC,P5V	104	207.4	18.5	1	35.3	604	31
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106	206.8	17.9	1	35.3	605	30
Dekalb	DKC53-56RIB CK	STX,B	AC,P5V	103	224.9	18.5	1	34.8	655	6

Test Average = **212.3** 19.6 1 34.5 612

LSD (0.10) = 18.5 1.6 1

LSD (0.25) = 12.9 1.1 1

C.V. = 6.4 6.0

Mark Tollefson

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2014 Corn Grain - South Dakota Southeast [SDSE]



Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgVenture	VPmx RL6283HBAW ^A	OT	MQ,P1	102	Rob-See-Co	Innotech IC5112 ^A	3011A	CM,C2	101
Dairyland	DS9900SSX	STX	CM,C2	99	Titan Pro	TP 31-01 3011A	3011A	AVC,C2	101
Dekalb	DKC51-19RIB GC	VT3P,DG,B	AC,P2	101	Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100
Dekalb	DKC53-56RIB CK	STX,B	AC,P5V	103	Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102
Dyna-Gro	CX14203	STX	AC,P5V	103	Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98
Dyna-Gro	D41SS71	STX	AC,P5V	101	Wensman	W 7320VT3PRIB	VT3P,B	AC,P5V	101
Federal	5050SSTAX	STX	AC,P5V	100	Wensman	W 91011STXRIB	STX,B	AC,P5V	101
Federal	5140SSTAXRIB	STX,B	AC,P5V	101	Wensman	W 9288STXRIB	STX,B	AC,P5V	98
Federal	5240SSTAX	STX	AC,P5V	102	Wensman	W 9325STXRIB	STX,B	AC,P5V	102
Great Lakes	4879STXRIB	STX,B	AC,P5V	98					
Great Lakes	5283STXRIB	STX,B	AC,P5V	102					
Heine	735STX	STX	AC,P2	102					
Latham	LH4859SSRIB	STX,B	AC,P5V	98					
Latham	LH4955VT2PRORIB	VT2P,B	AC,P5V	99					
Latham	LH5145VT2PRODGRIB	VT2P,DG,B	AC,P5V	101					
Latham	LH5215VT2PRORIB	VT2P,B	AC,P2	102					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
LG Seeds	LG5502STX	STX	AC,P5V	102					
NuTech/G2 Gen	5F-200 ^A	AM,AQ,B	MQ,P5V	100					
NuTech/G2 Gen	5H-502 ^A	HX,RR2	MQ,P5V	102					
NuTech/G2 Gen	5X-698 ^A	HXT,RR2,AC	MQ,P5V	98					
NuTech/G2 Gen	5Z-002 ^A	OI	MQ,P1V,R	102					
Pfister	1740SS	STX	AC,P5	98					
Pfister	1780RA	STX,B	CM,C2	98					
Pfister	1785GT3000	3000GT	CM,C2	100					
Pfister	1821RA	STX,B	CM,C2	100					
Prairie Brand	4895GT3	3000GT	CM,C2	98					
Prairie Brand	4995SX	STX	CM,C2	99					
Prairie Brand	5065GT3	3000GT	CM,C2	100					
Prairie Brand	992RA	STX,B	CM,C2	100					
ProSeed	13101SSRIB	STX,B	AC,P2	101					
ProSeed	1396VT3PRIB	VT3P,B	AC,P2	96					
ProSeed	1397SSRIB	STX,B	AC,P2	97					
ProSeed	1399-3000GT	3000GT	CM,C2	99					
REA	5A022-RIB	STX,B	AC,P5V	102					
REA	5A029-RIB	STX,B	AC,P5V	102					
REA	5A992-RIB	STX,B	AC,P5V	99					
REA	5A993-RIB	STX,B	AC,P5V	99					
Renk	RK605SSTX	STX	AC,P2	100					
Renk	RK629VT3P	VT3P,B	AC,P2	101					
Renk	RK633SSTX	STX,B	AC,P2	101					
Renk	RK666SSTX	STX,B	AC,P2	102					
Renze	3145SST	STX	CM,C2	100					
Renze	3174RA	STX,B	CM,C2	102					
Rob-See-Co	Innotech IC4903 ^A	3111A	CM,C2	99					

2014 Corn Grain - South Dakota Southeast [SDSE]



Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgVenture	VPmx RL6816YBW [^]	OI	MQ,P5	105	Rob-See-Co	Innotech IC5736 [^]	3111A	AVC,C5	107
AgVenture	VPmx RL7171HBAW [^]	OT	MQ,P5	106	Titan Pro	2M04-2P	VT2P,B	AC,P2	104
AgVenture	VPmx RL7497AMXT [^]	AMXT	MQ,P5V	107	Titan Pro	2M07-SS	STX,B	AC,P5V	107
Channel	203-88STXRIB	STX,B	AC,P5V	103	Titan Pro	TP 37-06 SS	STX,B	AC,P5V	106
Channel	205-19STXRIB	STX,B	AC,P5V	105	Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105
Channel	206-55STXRIB	STX,B	AC,P5V	106	Wensman	W 7330VT3PRIB	VT3P,B	AC,P5V	104
Curry	626-69 GC	HX,RR2	MQ,P5V,R	106	Wensman	W 7459VT3PRIB	VT3P,B	AC,P5V	107
Curry	627-44	HX,RR2,AQ	MQ,P5V,R	107	Wensman	W 91051STX	STX	AC,P5V	105
Curry	726-56AM	AM,B	MQ,P5V,R	106	Wensman	W 91073STXRIB	STX,B	AC,P5V	107
Dairyland	DS6805	STX	CM,C2	105					
Dairyland	DS6905	STX	CM,C2	105					
Dairyland	DS9305RA	STX,B	CM,C2	105					
Dekalb	DKC53-56RIB CK	STX,B	AC,P5V	103					
Federal	5530VT3P	VT3P	AC,P2	105					
Great Lakes	5688STXRIB	STX,B	AC,P5V	106					
Great Lakes	5755STXRIB	STX,B	AC,P5V	107					
Heine	744VT3PRORIB	VT3P,B	AC,P2	104					
Heine	790STX	STX	AC,P5V	107					
Heine	798STXRIB	STX,B	AC,P5V	108					
King	6707GT	GT	CM,C2	103					
Latham	LH5509SSRIB	STX,B	AC,P5V	105					
Latham	LH5659SSRIB	STX,B	AC,P5V	106					
Latham	LH5715VT2PRORIB	VT2P,B	AC,P2	107					
Latham	LH5744-3000GT	3000GT	AVC,C2	107					
LG Seeds	LG5523STX	STX	AC,P5V	105					
NuTech/G2 Gen	5F-805 [^]	AM,B	MQ,P5V	105					
NuTech/G2 Gen	5H-806 [^]	HX,RR2	CM,C2	106					
NuTech/G2 Gen	5X-806 [^]	HXT,RR2	MQ,P5V	106					
NuTech/G2 Gen	5Z-707 [^]	OI,AQ	MQ,P1V,R	107					
Pfister	2313RA	STX,B	CM,C2	104					
Pfister	2399GT3000	3000GT	CM,C2	104					
Pfister	2447SS	STX	AC,P5	106					
Pfister	2545SS	STX	AC,P5	107					
Prairie Brand	1041RA	STX,B	CM,C2	104					
Prairie Brand	5495SX	STX	CM,C2	104					
Prairie Brand	5785SX	STX	CM,C2	107					
Prairie Brand	5815SX	STX	CM,C2	107					
REA	6A032-RIB	STX,B	AC,P5V	103					
REA	6A062-RIB	STX,B	AC,P5V	106					
REA	6A071-RIB	STX,B	AC,P5V	107					
Renk	RK699SSTX	STX,B	AC,P2	105					
Renk	RK712SSTX	STX	AC,P2	106					
Renk	RK752SSTX	STX,B	AC,P2	105					
Renk	RK776SSTX	STX,B	AC,P2	107					
Renze	3255RA	STX,B	AC,P5	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 FIRST when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	DG	Genuity® DroughtGard®
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	GT	Agrisure® GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXRW	Herculex® Rootworm, contains LL
5122	Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
5222	Agrisure® Duracade® 5122 (Vip,CB,HX,RW,RW2,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
A	Agrisure® Artesian®	LL	LibertyLink®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	None	conventional corn
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OL	Optimum® Leptra® (Vip,YGCB,HX,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)
AQ	Optimum® AQUAmax®	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT3	YieldGard VT Triple®
CB/LL	Agrisure® CB/LL	VT3P	Genuity® VT Triple PRO®
CB/LL/RW	Agrisure® CB/LL/RW	YGCB	YieldGard® Corn Borer

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	M	Maxim XL®
At	Actellic®	MQ	Maxim Quattro®
AVC	Avicta® Complete Corn	None	untreated
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme®	R	Raxil® (tebuconazole)
CM	CruiserMaxx® Corn	St	Stamina® (pyraclostrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc

** Seed treatments may include unspecified plant health promoting components.