

2014 Corn Grain Top 30 Harvest Report

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



PREV. CROP/HERB: Soybean / Roundup, Extreme
SOIL DESCRIPTION: Houdek-Stickney loam, mod. well drained, no-till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 6.7 pH, 3% OM
PEST MANAGEMENT: Force, Harness Xtra, Roundup PowerMax
FERTILITY - Applied N: 125 Spring
Applied N-P-K (units): 125-52-0
SEEDED - RATE - ROW: May 7 29,000 /A 30" spacing
HARVESTED - STAND: Nov 6 28,200 /A

Early-Season Test
98 - 102 Day CRM
B2014SDSE03a

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
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	220.6	16.1	1	30.0	16	9
Wensman	W 91011STXRIB	STX,B	AC,P5V	101	206.2	16.2	1	29.0	14	19
Titan Pro	TP 31-01 3011A	3011A	AVC,C2	101	205.8	15.6	1	30.0	17	5
AgVenture	VPmx RL6283HBAW^	OT	MQ,P1	102	197.4	15.9	2	26.1	15	13
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	196.7	15.6	1	28.1	17	6
Dyna-Gro	CX14203	STX	AC,P5V	103	194.9	16.3	1	28.5	13	28
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	193.9	16.2	1	27.1	14	20
Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100	193.6	15.3	1	29.0	18	1
Dekalb	DKC51-19RIB GC	VT3P,DG,B	AC,P2	101	193.5	15.5	1	27.6	17	7
Prairie Brand	4895GT3	3000GT	CM,C2	98	193.0	15.7	1	29.0	16	10
Dyna-Gro	D41SS71	STX	AC,P5V	101	193.0	16.0	1	29.5	14	21
REA	5A029-RIB	STX,B	AC,P5V	102	192.9	16.3	1	29.0	13	29
REA	5A022-RIB	STX,B	AC,P5V	102	192.8	16.3	1	28.5	13	30
REA	5A992-RIB	STX,B	AC,P5V	99	191.6	15.9	1	28.5	15	15
Heine	735STX	STX	AC,P2	102	189.8	16.1	1	26.1	14	22
Federal	5240SSTAX	STX	AC,P5V	102	189.3	16.0	1	28.1	14	23
Rob-See-Co	Innotech IC5112^	3011A	CM,C2	101	187.7	16.0	1	29.5	14	24
Pfister	1785GT3000	3000GT	CM,C2	100	187.6	15.1	1	28.5	18	2
Dairyland	DS9900SSX	STX	CM,C2	99	187.4	15.5	1	27.1	16	11
Renk	RK605SSTX	STX	AC,P2	100	187.3	16.3	1	30.5	13	31
Renk	RK629VT3P	VT3P,B	AC,P2	101	187.1	15.9	1	26.1	15	16
REA	5A993-RIB	STX,B	AC,P5V	99	185.8	15.6	1	30.5	16	12
ProSeed	1396VT3PRIB	VT3P,B	AC,P2	96	185.6	15.9	1	28.5	14	25
Federal	5050SSTAX	STX	AC,P5V	100	185.4	15.9	1	29.0	14	26
Pfister	1740SS	STX	AC,P5	98	184.9	15.8	1	28.0	15	17
Latham	LH4955VT2PRORIB	VT2P,B	AC,P5V	99	184.7	15.8	1	27.6	15	18
Renze	3145SST	STX	CM,C2	100	183.8	14.7	1	28.1	18	3
ProSeed	1397SSRIB	STX,B	AC,P2	97	182.2	15.9	1	27.6	14	27
Prairie Brand	4995SX	STX	CM,C2	99	180.3	14.6	1	28.5	18	4
Latham	LH4859SSRIB	STX,B	AC,P5V	98	173.5	14.8	1	26.1	17	8
Dekalb	DKC53-56RIB CK	STX,B	AC,P5V	103	193.3	15.9	1	28.5	15	14

Test Average = **189.0** 16.1 1 28.2 14

LSD (0.10) = 13.7 1.1 ns

LSD (0.25) = 9.5 0.8 ns

C.V. = 5.3 4.9

Mark Tollefson

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

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$0.10 Local GMO / \$0.10 non-GMO

Test Comments: We had a good start to the growing season when we planted on May 7. The tests had some nice yields and the Bainbridge's have been pleased with corn yields so far this year. July rainfall amounted to 2.5 inches, which is only 0.1 inch below the 30-year average. The June and August rainfalls amounts ran slightly above average and helped contribute to some nice crops in this area in 2014.

† 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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PEST MANAGEMENT: Force, Harness Xtra, Roundup PowerMax
FERTILITY - Applied N: 125 Spring
Applied N-P-K (units): 125-52-0
SEEDED - RATE - ROW: May 7 29,000 /A 30" spacing
HARVESTED - STAND: Nov 6 28,200 /A

Full-Season Test
103 - 107 Day CRM
B2014SDSE03b

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
Latham	LH5715VT2PRORIB	VT2P,B	AC,P2	107	211.8	16.5	1	29.0	627	1
Curry	627-44	HX,RR2,AQ	MQ,P5V,R	107	208.7	16.3	1	27.6	619	2
Pfister	2399GT3000	3000GT	CM,C2	104	208.0	15.9	1	28.5	619	3
Federal	5530VT3P	VT3P	AC,P2	105	207.9	16.2	1	29.5	617	4
Heine	744VT3PRORIB	VT3P,B	AC,P2	104	206.9	15.9	1	27.6	616	5
Renk	RK752SSTX	STX,B	AC,P2	105	204.9	16.6	1	25.2	607	7
King	6707GT	GT	CM,C2	103	204.4	15.9	1	28.1	609	6
Wensman	W 7330VT3PRIB	VT3P,B	AC,P5V	104	203.9	16.0	1	29.5	607	8
Pfister	2545SS	STX	AC,P5	107	203.8	16.4	1	29.0	604	9
Rob-See-Co	Innotech IC5736^	3111A	AVC,C5	107	203.5	17.7	1	26.1	597	12
NuTech/G2 Gen	5Z-707^	OI,AQ	MQ,P1V,R	107	201.8	16.1	1	29.0	600	10
Titan Pro	2M04-2P	VT2P,B	AC,P2	104	201.7	16.5	1	27.1	598	11
Titan Pro	2M07-SS	STX,B	AC,P5V	107	199.4	16.5	1	28.6	591	14
AgVenture	VPmx RL7171HBAW^	OT	MQ,P5	106	199.1	16.4	1	27.6	590	15
Great Lakes	5688STXRIB	STX,B	AC,P5V	106	199.0	16.6	1	28.1	589	17
Pfister	2447SS	STX	AC,P5	106	198.9	15.8	1	28.1	593	13
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106	198.5	16.2	1	27.6	590	16
Dairyland	DS6805	STX	CM,C2	105	198.5	16.3	1	28.1	589	18
REA	6A071-RIB	STX,B	AC,P5V	107	197.3	17.0	1	29.0	582	22
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	197.1	16.3	1	29.0	585	20
Channel	205-19STXRIB	STX,B	AC,P5V	105	196.8	15.9	1	27.1	586	19
Latham	LH5659SSRIB	STX,B	AC,P5V	106	196.8	16.5	1	29.0	583	21
REA	6A032-RIB	STX,B	AC,P5V	103	196.3	16.5	1	26.6	582	23
Latham	LH5744-3000GT	3000GT	AVC,C2	107	196.1	17.2	1	26.6	578	28
Latham	LH5509SSRIB	STX,B	AC,P5V	105	195.9	16.5	1	28.6	580	24
Wensman	W 7459VT3PRIB	VT3P,B	AC,P5V	107	195.8	16.6	1	29.0	580	25
Wensman	W 91073STXRIB	STX,B	AC,P5V	107	195.8	16.8	1	27.1	579	27
Heine	798STXRIB	STX,B	AC,P5V	108	195.7	16.5	1	28.1	580	26
Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105	194.4	16.8	1	28.1	574	30
Prairie Brand	1041RA	STX,B	CM,C2	104	194.2	16.5	1	29.5	575	29
Dekalb	DKC53-56RIB CK	STX,B	AC,P5V	103	189.5	16.3	1	28.1	562	35

Test Average = **193.5** **16.5** **1** **28.2** **573**

LSD (0.10) = 15.1 0.5 ns

LSD (0.25) = 10.5 0.3 ns

C.V. = 5.8 2.1

Mark Tollefson

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Test Comments: We had a good start to the growing season when we planted on May 7. The tests had some nice yields and the Bainbridge's have been pleased with corn yields so far this year. July rainfall amounted to 2.5 inches, which is only 0.1 inch below the 30-year average. The June and August rainfalls amounts ran slightly above average and helped contribute to some nice crops in this area in 2014.

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Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgVenture	VPmx RL6283HBAWA	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					

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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	Acceleron® 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.