

2014 Corn Grain Top 30 Harvest Report
 South Dakota Southeast [SDSE] CHANCELLOR
 Brock & Craig Hoogstraat, Turner County, SD 57039



PREV. CROP/HERB: Soybean / Select, Roundup
 SOIL DESCRIPTION: Chancellor-Wentworth silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 5.4 pH, 3.4% OM
 PEST MANAGEMENT: Force, Roundup
 FERTILITY - Applied N: 120 Spring
 Applied N-P-K (units): 120-60-20
 SEEDED - RATE - ROW: May 3 35,000 /A 30" spacing
 HARVESTED - STAND: Oct 21 34,200 /A

Early-Season Test
98 - 102 Day CRM
 B2014SDSE05a

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
REA	5A022-RIB	STX,B	AC,P5V	102	251.9	18.4	1	32.9	734	2
Heine	735STX	STX	AC,P2	102	248.7	16.4	1	34.4	737	1
REA	5A992-RIB	STX,B	AC,P5V	99	246.6	16.4	1	33.9	731	3
Renk	RK605SSTX	STX	AC,P2	100	245.5	16.3	1	37.8	729	4
Latham	LH5145VT2PRDGRIB	VT2P,DG,B	AC,P5V	101	243.9	17.5	2	33.4	716	5
Wensman	W 9325STXRIB	STX,B	AC,P5V	102	241.9	17.8	1	33.9	709	7
Dyna-Gro	CX14203	STX	AC,P5V	103	241.2	19.3	1	35.3	698	11
LG Seeds	LG5502STX	STX	AC,P5V	102	240.2	19.2	1	35.3	695	14
Latham	LH4859SSRIB	STX,B	AC,P5V	98	239.5	15.5	1	32.4	716	6
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	239.5	17.8	1	35.3	702	9
Federal	5050SSTAX	STX	AC,P5V	100	237.9	16.2	1	37.3	707	8
Renk	RK666SSTX	STX,B	AC,P2	102	236.8	17.6	1	32.9	695	15
REA	5A029-RIB	STX,B	AC,P5V	102	236.0	16.6	1	33.4	699	10
Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98	235.3	16.7	2	31.4	696	13
Latham	LH4955VT2PRORIB	VT2P,B	AC,P5V	99	235.0	16.3	1	34.8	697	12
Dairyland	DS9900SSX	STX	CM,C2	99	234.7	20.3	3	34.8	673	26
Latham	LH5215VT2PRORIB	VT2P,B	AC,P2	102	234.1	19.4	1	31.9	677	22
Dyna-Gro	D41SS71	STX	AC,P5V	101	232.9	17.4	2	35.8	685	17
Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102	232.3	17.1	2	35.3	685	18
REA	5A993-RIB	STX,B	AC,P5V	99	232.2	17.9	2	37.3	680	20
Wensman	W 7320VT3PRIB	VT3P,B	AC,P5V	101	231.8	18.4	1	34.8	676	25
Prairie Brand	4995SX	STX	CM,C2	99	231.6	20.0	1	34.9	666	30
ProSeed	1399-3000GT	3000GT	CM,C2	99	231.5	15.8	1	31.9	690	16
Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100	230.0	15.9	1	33.9	685	19
Wensman	W 91011STXRIB	STX,B	AC,P5V	101	229.7	17.1	1	33.9	677	23
Federal	5240SSTAX	STX	AC,P5V	102	229.6	17.0	1	33.4	677	24
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	228.7	17.5	1	35.8	672	27
ProSeed	1397SSRIB	STX,B	AC,P2	97	226.1	17.3	1	32.9	665	31
ProSeed	13101SSRIB	STX,B	AC,P2	101	225.7	16.5	1	33.8	669	28
Dekalb	DKC51-19RIB GC	VT3P,DG,B	AC,P2	101	224.4	16.1	1	32.9	667	29
Dekalb	DKC53-56RIB CK	STX,B	AC,P5V	103	230.9	17.2	1	36.3	680	21

Test Average = **226.2** 17.6 1 34.2 664
 LSD (0.10) = 19.4 0.8 ns
 LSD (0.25) = 13.5 0.5 1
 C.V. = 6.3 3.2

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

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: *The soil moisture content across the area was quite low prior to planting this year. The 8.1 inches of rainfall received in June was soaked up by the soil profile really well, critical to support great corn yields. The test was weed-free with little to no disease either. We had very tall corn that stood really well for harvest. It was a little surprising to see fairly low grain moistures in all hybrids and maturities.*

† 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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 FERTILITY - Applied N: 120 Spring
 Applied N-P-K (units): 120-60-20
 SEEDED - RATE - ROW: May 3 35,000 /A 30" spacing
 HARVESTED - STAND: Oct 21 34,600 /A

Full-Season Test
103 - 107 Day CRM
 B2014SDSE05b

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	248.4	19.0	1	33.4	720	1
Latham	LH5715VT2PRORIB	VT2P,B	AC,P2	107	242.7	20.9	1	35.4	692	2
Great Lakes	5688STXRIB	STX,B	AC,P5V	106	238.6	21.1	1	36.8	679	5
Latham	LH5659SSRIB	STX,B	AC,P5V	106	238.5	21.3	1	36.8	678	6
Prairie Brand	5815SX	STX	CM,C2	107	237.0	21.7	1	37.8	671	8
Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105	235.1	21.7	1	36.3	666	11
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	235.0	20.9	1	36.3	670	9
LG Seeds	LG5523STX	STX	AC,P5V	105	234.4	19.4	1	34.4	677	7
Wensman	W 7330VT3PRIB	VT3P,B	AC,P5V	104	233.0	18.1	2	34.9	681	4
REA	6A071-RIB	STX,B	AC,P5V	107	232.8	20.2	1	32.9	668	10
Federal	5530VT3P	VT3P	AC,P2	105	232.0	15.8	3	36.3	691	3
Pfister	2545SS	STX	AC,P5	107	231.5	20.7	1	35.3	662	13
Wensman	W 91051STX	STX	AC,P5V	105	231.1	20.5	1	36.3	662	14
Heine	790STX	STX	AC,P5V	107	229.3	21.7	1	34.8	649	22
Renk	RK699SSTX	STX,B	AC,P2	105	228.5	20.5	2	33.4	654	17
Latham	LH5744-3000GT	3000GT	AVC,C2	107	228.1	20.6	2	34.8	652	18
Channel	205-19STXRIB	STX,B	AC,P5V	105	227.8	18.6	1	32.4	663	12
Curry	726-56AM	AM,B	MQ,P5V,R	106	227.5	21.1	1	35.8	648	25
Dairyland	DS6805	STX	CM,C2	105	225.5	19.7	1	35.3	650	20
REA	6A062-RIB	STX,B	AC,P5V	106	225.0	19.6	1	35.8	649	23
NuTech/G2 Gen	5F-805^	AM,B	MQ,P5V	105	224.9	19.5	1	33.9	649	24
Pfister	2447SS	STX	AC,P5	106	224.3	20.0	1	32.9	645	27
Titan Pro	2M04-2P	VT2P,B	AC,P2	104	224.2	18.9	1	33.8	651	19
Titan Pro	TP 37-06 SS	STX,B	AC,P5V	106	224.2	20.9	1	37.3	640	29
REA	6A032-RIB	STX,B	AC,P5V	103	223.9	18.8	1	36.3	650	21
NuTech/G2 Gen	5Z-707^	OI,AQ	MQ,P1V,R	107	223.2	18.8	1	31.4	648	26
Wensman	W 7459VT3PRIB	VT3P,B	AC,P5V	107	222.6	20.0	1	30.5	640	30
Pfister	2399GT3000	3000GT	CM,C2	104	222.2	17.0	1	31.0	655	15
Channel	203-88STXRIB	STX,B	AC,P5V	103	219.4	18.9	1	36.3	637	31
King	6707GT	GT	CM,C2	103	218.2	17.2	5	30.0	643	28
Dekalb	DKC53-56RIB CK	STX,B	AC,P5V	103	221.2	16.6	1	35.3	655	16

Test Average = **221.9** 19.9 1 34.6 638

LSD (0.10) = 18.4 1.2 2

LSD (0.25) = 12.9 0.8 1

C.V. = 6.1 4.4

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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	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.