

2014 Corn Grain Top 30 Harvest Report

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



PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Moody clay loam, well drained, conventional w/ fall till, non-irrigated
SOIL CONDITION: High P, high K, 5 pH, 3.3% OM
PEST MANAGEMENT: Force, SureStart, atrazine, Roundup UltraMax
FERTILITY - Applied N: 46 Fall, 110 Spring, 40 Sidedress
Applied N-P-K (units): 196-117-0
SEEDED - RATE - ROW: May 3 36,000 /A 30" spacing
HARVESTED - STAND: Oct 24 35,400 /A

Early-Season Test
98 - 102 Day CRM
B2014SDSE01a

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
Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100	227.6	19.8	1	36.3	655	1
Dyna-Gro	D41SS71	STX	AC,P5V	101	226.5	20.3	1	33.4	649	2
REA	5A992-RIB	STX,B	AC,P5V	99	223.0	19.7	1	36.3	643	3
LG Seeds	LG5502STX	STX	AC,P5V	102	222.4	20.3	1	36.3	638	4
REA	5A029-RIB	STX,B	AC,P5V	102	221.4	19.8	3	33.9	638	5
Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102	219.1	21.8	1	36.3	620	7
Latham	LH5215VT2PRORIB	VT2P,B	AC,P2	102	217.6	24.3	1	34.8	602	22
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	217.0	20.8	1	33.9	620	8
Wensman	W 9288STXRIB	STX,B	AC,P5V	98	216.0	20.9	2	36.3	616	15
Heine	735STX	STX	AC,P2	102	215.3	18.8	1	35.8	625	6
Renk	RK629VT3P	VT3P,B	AC,P2	101	215.0	20.1	2	33.4	618	11
Latham	LH4859SSRIB	STX,B	AC,P5V	98	214.9	19.6	1	34.3	620	9
REA	5A993-RIB	STX,B	AC,P5V	99	214.0	20.3	1	36.3	614	17
ProSeed	1396VT3PRIB	VT3P,B	AC,P2	96	213.3	19.7	1	36.3	615	16
Renk	RK605SSTX	STX	AC,P2	100	213.0	19.2	1	35.8	617	13
Latham	LH5145VT2PRODGRIB	VT2P,DG,B	AC,P5V	101	212.7	18.5	1	36.3	619	10
REA	5A022-RIB	STX,B	AC,P5V	102	212.1	18.4	1	35.8	618	12
Federal	5050SSTAX	STX	AC,P5V	100	212.1	18.6	1	36.3	617	14
Wensman	W 7320VT3PRIB	VT3P,B	AC,P5V	101	211.2	22.1	1	35.3	596	25
AgVenture	VPmx RL6283HBAW^	OT	MQ,P1	102	210.5	20.6	1	34.8	602	23
ProSeed	1399-3000GT	3000GT	CM,C2	99	210.4	20.0	1	36.3	605	19
Wensman	W 91011STXRIB	STX,B	AC,P5V	101	210.0	19.8	1	35.8	605	20
Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98	209.7	19.2	1	36.3	607	18
Pfister	1740SS	STX	AC,P5	98	209.5	20.5	2	36.3	600	24
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	209.0	21.8	2	33.8	591	27
Latham	LH4955VT2PRORIB	VT2P,B	AC,P5V	99	208.7	19.3	1	36.3	604	21
Wensman	W 9325STXRIB	STX,B	AC,P5V	102	208.5	22.3	2	33.9	587	28
Dekalb	DKC51-19RIB GC	VT3P,DG,B	AC,P2	101	203.8	20.1	1	34.8	585	29
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	203.0	20.1	2	35.3	583	30
ProSeed	1397SSRIB	STX,B	AC,P2	97	201.6	19.4	1	36.3	583	31
Dekalb	DKC53-56RIB CK	STX,B	AC,P5V	103	210.0	21.4	1	36.3	596	26

Mark Tollefson

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

Test Average = **205.0** **20.6** **1** **35.4** **586**
LSD (0.10) = 16.0 0.9 2
LSD (0.25) = 11.1 0.7 1
C.V. = 5.8 3.4

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 site got off to a good start. Total June rainfall was at least 7", about 2.5" above normal, while July and August rain was below average. This corn crop stood very well at harvest. Ears were well pollinated and developed a complete set of deep kernels filled to the tip. Floyd's corn crop produced good yields overall, but the loss of some plants from June ponding hurt his field average.*

† 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, SureStart, atrazine, Roundup UltraMax
FERTILITY - Applied N: 46 Fall, 110 Spring, 40 Sidedress
Applied N-P-K (units): 196-117-0
SEEDED - RATE - ROW: May 3 36,000 /A 30" spacing
HARVESTED - STAND: Oct 24 35,500 /A

Full-Season Test
103 - 107 Day CRM
B2014SDSE01b

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
Titan Pro	TP 37-06 SS	STX,B	AC,P5V	106	233.1	23.8	1	34.8	648	3
Heine	744VT3PRORIB	VT3P,B	AC,P2	104	231.1	19.2	2	35.8	669	1
Channel	203-88STXRIB	STX,B	AC,P5V	103	226.8	19.7	1	34.8	654	2
LG Seeds	LG5523STX	STX	AC,P5V	105	223.3	21.6	1	35.8	633	6
Channel	205-19STXRIB	STX,B	AC,P5V	105	222.5	20.2	1	36.3	639	4
Wensman	W 91073STXRIB	STX,B	AC,P5V	107	222.4	22.5	1	35.8	626	8
REA	6A062-RIB	STX,B	AC,P5V	106	222.1	20.2	2	32.9	637	5
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106	221.6	20.9	1	35.8	632	7
AgVenture	VPmx RL7171HBAW^	OT	MQ,P5	106	217.7	23.0	5	34.8	610	12
NuTech/G2 Gen	5Z-707^	OI,AQ	MQ,P1V,R	107	217.0	21.2	1	33.4	617	10
REA	6A071-RIB	STX,B	AC,P5V	107	217.0	25.3	1	36.3	595	18
REA	6A032-RIB	STX,B	AC,P5V	103	215.9	22.2	1	36.3	609	13
Pfister	2399GT3000	3000GT	CM,C2	104	215.6	20.5	1	35.8	617	11
Renk	RK712SSTX	STX	AC,P2	106	214.0	23.3	1	36.3	598	17
Renk	RK699SSTX	STX,B	AC,P2	105	213.8	24.3	1	34.3	592	20
Wensman	W 91051STX	STX	AC,P5V	105	213.7	21.3	1	36.3	607	15
AgVenture	VPmx RL7497AMXT^	AMXT	MQ,P5V	107	213.7	22.0	1	36.3	604	16
NuTech/G2 Gen	5H-806^	HX,RR2	CM,C2	106	213.2	20.9	1	35.8	608	14
Latham	LH5744-3000GT	3000GT	AVC,C2	107	212.6	24.4	1	34.8	588	22
NuTech/G2 Gen	5F-805^	AM,B	MQ,P5V	105	209.2	22.1	1	31.9	590	21
Latham	LH5659SSRIB	STX,B	AC,P5V	106	208.2	23.1	2	35.8	582	27
Prairie Brand	5815SX	STX	CM,C2	107	207.6	24.3	1	36.3	575	30
Dairyland	DS6805	STX	CM,C2	105	207.5	22.7	3	36.3	583	26
Prairie Brand	1041RA	STX,B	CM,C2	104	206.7	22.0	1	36.3	584	25
Curry	627-44	HX,RR2,AQ	MQ,P5V,R	107	205.7	21.3	2	36.3	585	24
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	205.7	22.7	1	36.3	578	29
Federal	5530VT3P	VT3P	AC,P2	105	205.4	19.3	1	36.3	594	19
King	6707GT	GT	CM,C2	103	204.4	20.3	2	36.3	586	23
AgVenture	VPmx RL6816YBW^	OI	MQ,P5	105	204.0	22.3	17	35.8	575	31
Curry	626-69 GC	HX,RR2	MQ,P5V,R	106	202.6	20.6	1	36.3	579	28
Dekalb	DKC53-56RIB CK	STX,B	AC,P5V	103	217.0	21.2	1	36.3	617	9

Mark Tollefson

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Test Average = **207.7** **22.7** **2** **35.5** **583**
LSD (0.10) = 17.4 1.0 6
LSD (0.25) = 12.1 0.7 4
C.V. = 6.2 3.2

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 site got off to a good start. Total June rainfall was at least 7", about 2.5" above normal, while July and August rain was below average. This corn crop stood very well at harvest. Ears were well pollinated and developed a complete set of deep kernels filled to the tip. Floyd's corn crop produced good yields overall, but the loss of some plants from June ponding hurt his field average.*

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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 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					

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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® TRIsect® (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.