

2015 Corn Grain Top 30 Harvest Report

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



PREV. CROP/HERB: Soybean / Authority, FirstRate, Flexstar
SOIL DESCRIPTION: Crossplain-Clarno clay loam, mod. well drained, no-till, non-irrigated
SOIL CONDITION: High P, high K, 7.2 pH, 2.7% OM
PEST MANAGEMENT: Force, SureStart, Laudis, Roundup
FERTILITY - Applied N: 40 Spring, 100 Foliar
Applied N-P-K (units): 140-50-50
SEEDING - RATE - ROW: Apr 29 30,500 /A 30" spacing
HARVESTED - STAND: Oct 14 28,800 /A

Early-Season Test
98 - 102 Day CRM
B2015SDSE03a

Top 30 of 54

For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Great Lakes	4879STXRIB	STX,B	98	198.0	14.8	1	28.1	693	1
Dairyland	DS9198	STX	98	195.8	13.5	1	29.5	685	2
Renk	RK666SSTX	STX,B	102	195.1	14.8	1	29.0	683	3
Mustang	6802GENSS	STX	102	194.4	14.5	4	30.5	680	4
Pfister	1740RA	STX,B	98	192.3	14.7	2	28.1	673	6
Dekalb	DKC48-12RIB GC	STX,B	98	191.9	14.2	1	27.1	672	7
Titan Pro	TP 58-01 2P	VT2P	101	191.9	15.5	1	29.0	667	8
Pioneer	P0157AMX	AMX,AQ,B	101	191.0	15.9	2	29.0	661	13
Renk	RK633SSTX	STX,B	101	190.4	15.2	2	26.6	665	10
Prairie Brand	5236SX	STX	102	190.3	15.3	6	29.5	663	12
Titan Pro	TP 39-00 SS	STX,B	100	190.2	14.2	1	31.0	666	9
Curry	XC-1501CYXR	OIXT	101	189.7	15.3	2	28.6	661	14
ProSeed	PX599SSRIB	STX,B	99	189.6	14.8	2	27.1	664	11
Latham	LH5175VT2Pro	VT2P	101	186.2	14.3	2	30.0	652	15
Channel	197-68STXRIB GC	STX,B	97	186.0	15.1	1	27.6	650	16
Latham	LH4859SSRIB	STX,B	98	185.5	14.2	1	28.1	649	17
NuTech	5N-0108	3011,A	101	185.5	15.7	1	28.6	643	23
Great Lakes	5283STXRIB	STX,B	102	185.1	15.3	2	30.0	645	18
LG Seeds	LG5499STXRIB	STX,B	100	185.0	15.3	1	29.0	645	19
REA	5A992-RIB	STX,B	99	184.3	14.1	2	27.6	645	20
Dairyland	DS9599	3000GT	99	184.3	14.7	9	29.0	645	21
REA	5A981-RIB	STX,B	98	184.3	15.0	9	29.0	645	22
Curry	722-49AM	AM,B	102	183.6	15.8	1	30.0	636	25
Heine	734STX	STX	102	183.0	15.8	1	29.5	634	26
Dyna-Gro	D41SS71RIB	STX,B	101	182.3	14.8	1	27.6	638	24
Prairie Brand	4895GT3	3000GT	98	181.9	15.6	11	28.1	632	29
Renk	RK612SSTX	STX	100	181.2	14.4	2	29.5	634	27
REA	5A029-RIB	STX,B	102	180.9	14.8	3	30.0	633	28
ProSeed	PX598SSRIB	STX,B	98	180.2	15.1	1	27.6	630	30
Dairyland	DS9701	STX	101	180.1	14.2	2	30.5	630	31
Dekalb	DKC52-84RIB CK	STX,B	102	193.4	14.5	2	26.6	677	5

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

Averages = **180.6** **15.0** **3** **28.8** **630**
LSD (0.10) = 20.0 0.6 ns
LSD (0.25) = 14.0 0.4 ns
C.V. = 8.2 3.0

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.045 Prices: GMO = \$3.50; non-GMO = \$3.50

Test Comments: *Timely planting in a very firm seed bed in April. Corn was still standing well at harvest, despite some strong winds October 12th with gusts up to 50 mph recorded in the area. Any lodging that was recorded was in the stalk and didn't notice any problem with ears on the ground. Kurt has recorded corn yields around 190 bu/acre in some fields.*

† 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

Additional reports available at www.firstseedtests.com
Report Date: 10/14/2015 Revised:

AgSCI Copyright 2015

2015 Corn Grain Top 30 Harvest Report

South Dakota Southeast [SDSE] SALEM

Kurt Stiefvater, McCook County, SD 57058



PREV. CROP/HERB: Soybean / Authority, FirstRate, Flexstar
 SOIL DESCRIPTION: Crossplain-Clarno clay loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITION: High P, high K, 7.2 pH, 2.7% OM
 PEST MANAGEMENT: Force, SureStart, Laudis, Roundup
 FERTILITY - Applied N: 40 Spring, 100 Foliar
 Applied N-P-K (units): 140-50-50
 SEEDING - RATE - ROW: Apr 29 30,500 /A 30" spacing
 HARVESTED - STAND: Oct 14 29,200 /A

Full-Season Test
103 - 107 Day CRM
 B2015SDSE03b

Top 30 of 45

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	5N-607	3000GT	107	208.6	18.4	2	26.6	698	1
Titan Pro	TP 39-05 SS	STX,B	105	205.7	18.7	2	31.5	686	3
Viking	D52-05RL	STX,B	105	198.9	17.7	1	28.1	672	4
Dairyland	DS9905SSX	STX	105	196.7	17.1	2	32.4	670	5
NuTech/G2 Gen	5Z-504^	OI	104	193.0	17.9	1	29.5	650	8
Curry	727-33AM	AM,AQ,B	107	191.9	17.8	2	29.0	647	9
Titan Pro	TP 53-03 2P	VT2P	103	191.6	16.2	2	30.5	660	7
Titan Pro	2M04-2P	VT2P,B	104	191.2	15.9	1	29.0	661	6
Curry	XC-1506	OI	106	190.6	19.2	1	28.6	631	13
Renk	RK712SSTX	STX,B	106	189.3	18.0	3	29.0	637	11
REA	6A050-RIB	STX,B	105	187.6	17.2	2	31.0	638	10
Titan Pro	TP 56-06 3110	3110	106	186.9	18.6	2	30.5	624	17
LG Seeds	LG5523STXRIB	STX,B	105	186.2	17.8	2	29.5	628	15
Latham	LH5715VT2ProRIB	VT2P,B	107	185.4	18.7	2	31.0	618	18
Latham	LH5509SSRIB	STX,B	105	184.4	19.8	2	31.5	606	22
REA	6A032-RIB	STX,B	103	183.7	16.1	2	28.6	634	12
Channel	203-88STXRIB	STX,B	103	182.5	16.1	3	29.5	630	14
Renk	RK752SSTX	STX,B	108	182.1	18.5	2	28.1	609	20
Pfister	X12546S2R4	STX,B	107	180.6	17.4	2	30.5	613	19
Heine	744VT3PRORIB	VT3P,B	104	180.4	15.4	6	25.2	628	16
Latham	LH5659SSRIB	STX,B	106	179.1	18.5	2	29.0	599	25
Mustang	7805GENSS	STX,B	105	178.5	18.9	2	30.0	593	27
Heine	753STXRIB	STX,B	105	178.0	19.4	1	26.1	588	28
Latham	LH5259SSRIB	STX,B	102	177.9	16.8	2	29.0	608	21
Great Lakes	5470STXRIB	STX,B	104	177.3	17.1	1	29.5	604	23
NuTech/G2 Gen	5X-905^	HXT,RR2	105	177.3	17.2	3	28.1	603	24
Great Lakes	5755STXRIB	STX,B	107	177.3	18.2	2	31.0	595	26
Pioneer	P0448AM1 GC	AM1,B	104	173.4	17.7	2	28.6	586	29
REA	6A062-RIB	STX,B	106	172.3	17.2	1	29.0	586	30
Prairie Brand	5646SX	STX	106	171.6	17.2	2	27.6	584	31
Dekalb	DKC52-84RIB CK	STX,B	102	199.6	15.4	1	30.0	695	2

Mark Tollefson

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

Averages = **179.2** **17.9** **2** **29.2** **604**
 LSD (0.10) = 22.3 1.3 ns
 LSD (0.25) = 15.5 0.9 ns
 C.V. = 9.2 5.5

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.045 Prices: GMO = \$3.50; non-GMO = \$3.50

Test Comments: *Timely planting in a very firm seed bed in April. Corn was still standing well at harvest, despite some strong winds October 12th with gusts up to 50 mph recorded in the area. Any lodging that was recorded was in the stalk and didn't notice any problem with ears on the ground. Kurt has recorded corn yields around 190 bu/acre in some fields.*

† 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

Additional reports available at www.firstseedtests.com

AgSCI Copyright 2015

Report Date: 10/14/2015 Revised:

2015 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
Channel	197-68STXRIB GC	STX,B	AC,P5V	97	Renk	RK666SSTX	STX,B	AC,P5V	102
Curry	722-49AM	AM,B	MQ,P5V,R	102	Renk	RK680SSTX	STX	AC,P5V	101
Curry	XC-1501CYXR	OIXT	MQ,P1V,R	101	Thunder	4600CONV	None	AC,C2	100
Dairyland	DS9198	STX	CM,C5,Vi,In	98	Titan Pro	TP 31-01 3011A	3011A	AVC,C5	101
Dairyland	DS9599	3000GT	CM,C5,Vi,In	99	Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100
Dairyland	DS9701	STX	CM,C5,Vi,In	101	Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98
Dekalb	DKC48-12RIB GC	STX,B	AC,P5V	98	Titan Pro	TP 58-01 2P	VT2P	AC,P2	101
Dekalb	DKC52-84RIB CK	STX,B	AC,P5V	102	Viking	D37-98RL	STX,B	AC,P5V	98
Dyna-Gro	D41SS71RIB	STX,B	AC,P5V	101	Viking	T51-01R	GT,A	CM,C2	101
Great Lakes	4879STXRIB	STX,B	AC,P5V	98					
Great Lakes	5283STXRIB	STX,B	AC,P5V	102					
Heine	639STX	STX	AC,P5V	99					
Heine	734STX	STX	AC,P5V	102					
Heine	735STX	STX	AC,P5V	102					
Heine	736GTCELL	GT/CB/LL	CM,C2	102					
Latham	LH4836-3122EZR	3122,B	CM,C2	98					
Latham	LH4859SSRIB	STX,B	AC,P5V	98					
Latham	LH5175VT2Pro	VT2P	AC,P5	101					
Latham	LH5215VT2ProRIB	VT2P,B	AC,P2	102					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
LG Seeds	LG5502STXRIB	STX,B	AC,P5V	102					
Mustang	4298GENSS	STX	AC,P5V	98					
Mustang	6802GENSS	STX	M,D,P2	102					
NuTech	5N-0108	3011,A	CM,C2	101					
NuTech/G2 Gen	5F-002^	AM,B	MQ,P5V	102					
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102					
NuTech/G2 Gen	5K-0208^	OIXT	MQ,P1V,R	102					
NuTech/G2 Gen	5Z-0107^	OI	MQ,P1V,R	101					
Pfister	1740RA	STX,B	CM,C5,Vi,In	98					
Pfister	60B1	HXT,RR2	AC,P5V	100					
Pioneer	P0157AMX	AMX,AQ,B	MQ,C2	101					
Pioneer	P0193AMX GC	AMX,B	MQ,C2	101					
Pioneer	P9834AMX GC	AMX,B	MQ,C2	98					
Prairie Brand	4895GT3	3000GT	CM,C5,Vi,In	98					
Prairie Brand	5026SX	STX	AC,P5V	100					
Prairie Brand	5236SX	STX	CM,C5,Vi,In	102					
ProSeed	13101SSRIB	STX,B	AC,P5	101					
ProSeed	1399-3000GT	3000GT	CM,C2	99					
ProSeed	PX598SSRIB	STX,B	AC,P5	98					
ProSeed	PX599SSRIB	STX,B	AC,P5	99					
REA	5A029-RIB	STX,B	AC,P5V	102					
REA	5A981-RIB	STX,B	AC,P5V	98					
REA	5A992-RIB	STX,B	AC,P5V	99					
Renk	RK612SSTX	STX	AC,P5V	100					
Renk	RK633SSTX	STX,B	AC,P5V	101					

2015 Corn Grain - South Dakota Southeast [SDSE]



Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Channel	203-88STXRIB	STX,B	AC,P5V	103					
Curry	727-33AM	AM,AQ,B	MQ,P5V,R	107					
Curry	XC-1506	OI	MQ,P1V,R	106					
Dairyland	DS9203	STX	CM,C5,Vi,In	103					
Dairyland	DS9307RA	STX,B	CM,C5,Vi,In	107					
Dairyland	DS9905SSX	STX	CM,C5,Vi,In	105					
Dekalb	DKC52-84RIB CK	STX,B	AC,P5V	102					
Dyna-Gro	D46SS62	STX	AC,P5V	106					
Great Lakes	5470STXRIB	STX,B	AC,P5V	104					
Great Lakes	5755STXRIB	STX,B	AC,P5V	107					
Heine	744VT3PRORIB	VT3P,B	AC,P2	104					
Heine	753STXRIB	STX,B	AC,P5V	105					
Heine	775STX	STX	AC,P5V	107					
Heine	790STXRIB	STX,B	AC,P5V	107					
Latham	LH5259SSRIB	STX,B	AC,P5V	102					
Latham	LH5509SSRIB	STX,B	AC,P5V	105					
Latham	LH5659SSRIB	STX,B	AC,P5V	106					
Latham	LH5715VT2ProRIB	VT2P,B	AC,P2	107					
LG Seeds	LG5523STXRIB	STX,B	AC,P5V	105					
Mustang	7805GENSS	STX,B	AC,P5V	105					
NuTech	5N-607	3000GT	MQ,P5V	107					
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106					
NuTech/G2 Gen	5X-905^	HXT,RR2	MQ,P5V	105					
NuTech/G2 Gen	5Z-504^	OI	MQ,P1V	104					
NuTech/G2 Gen	5Z-906^	OI	MQ,P1V	106					
Pfister	2385	HXT,RR2	CM,C5,Vi,In	104					
Pfister	2447RA	STX,B	CM,C5,Vi,In	106					
Pfister	65B1	STX	CM,C5,Vi,In	105					
Pfister	X12546S2R4	STX,B	CM,C5,Vi,In	107					
Pioneer	P0448AM1 GC	AM1,B	MQ,C2	104					
Pioneer	P0591AMX GC	AMX,B	MQ,C2	105					
Prairie Brand	5385SX	STX	CM,C5,Vi,In	103					
Prairie Brand	5646SX	STX	CM,C5,Vi,In	106					
Prairie Brand	5785SX	STX	CM,C5,Vi,In	107					
REA	6A032-RIB	STX,B	AC,P5V	103					
REA	6A050-RIB	STX,B	AC,P5V	105					
REA	6A062-RIB	STX,B	AC,P5V	106					
Renk	RK712SSTX	STX,B	AC,P5V	106					
Renk	RK752SSTX	STX,B	AC,P5V	108					
Renk	RK776SSTX	STX,B	AC,P5V	107					
Titan Pro	2M04-2P	VT2P,B	AC,P2	104					
Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105					
Titan Pro	TP 53-03 2P	VT2P	AC,P2	103					
Titan Pro	TP 56-06 3110	3110	AVC,C5	106					
Viking	D52-05RL	STX,B	AC,P5V	105					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. Innotech™ brand seed is distributed by Rob-See-Co, LLC. 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®, Power Plus®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.
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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3010,A	Agrisure® Artesian® 3010 (CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3110,A	Agrisure® Viptera® 3110 w/ Artesian®	LL	LibertyLink®
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	None	conventional corn
3111,A	Agrisure® Viptera® 3111 w/ Artesian®	None,A	conventional corn w/ Artesian®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI,AQ	Optimum® Intrasect® w/ AQUAMax
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM,AQ	Optimum® AcreMax® w/ AQUAMax	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OT	Optimum® TRIsect® CHR (HX,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX,AQ	Optimum® AcreMax® Xtra w/ AQUAMax	STX	SmartStax® (VT3P,HXT,RR2,LL)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX,DG	Genuity® DroughtGard® w/ SmartStax®
AMXT,AQ	Optimum® AcreMax® Xtreme w/ AQUAMax	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT2P,DG	Genuity® DroughtGard® w/ VT Double PRO®
GT	Agrisure® GT	VT3P	Genuity® VT Triple PRO®
GT,A	Agrisure® GT w/ Artesian	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

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

Corn Seed Treatments**

?	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	Lu	Lumivia™
At	Actellic®	M	Maxim XL®
AVC	Avicta® Complete Corn	MQ	Maxim Quattro®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	None	untreated
CE	Cruiser Extreme®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CM	CruiserMaxx® Corn	R	Raxil® (tebuconazole)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Vi	Vibrance®

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