

2015 Corn Grain Top 30 Harvest Report

South Dakota Southeast [SDSE] FLANDREAU
Stuart Benson, Moody County, SD 57028



PREV. CROP/HERB: Soybean / Roundup, Flexstar, Warrior, Domark
SOIL DESCRIPTION: Moody clay loam, mod. well drained, conventional w/ fall till, non-irrigated
SOIL CONDITION: Moderate P, mod. high K, 5.5 pH, 3.2% OM
PEST MANAGEMENT: Force, Roundup, Harness Xtra
FERTILITY - Applied N: 140 Fall
Applied N-P-K (units): 140-70-70
SEEDED - RATE - ROW: Apr 29 32,000 /A 30" spacing
HARVESTED - STAND: Oct 21 30,500 /A

Early-Season Test
98 - 102 Day CRM
B2015SDSE04a

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
Pioneer	P0157AMX	AMX,AQ,B	101	240.5	15.6	5	30.5	835	1
Prairie Brand	5026SX	STX	100	228.9	14.3	3	29.5	801	2
Heine	735STX	STX	102	228.8	15.3	3	31.0	798	3
Dairyland	DS9701	STX	101	224.3	14.7	6	29.5	785	4
Channel	197-68STXRIB GC	STX,B	97	224.0	15.0	4	32.4	784	5
Titan Pro	TP 58-01 2P	VT2P	101	220.9	14.5	6	29.5	773	6
Renk	RK680SSTX	STX	101	220.7	14.7	31	29.5	772	7
Pfister	60B1	HXT,RR2	100	220.6	14.6	9	30.0	772	8
Mustang	4298GENSS	STX	98	219.5	13.6	7	28.6	768	9
Heine	639STX	STX	99	216.0	13.8	9	31.9	756	10
Curry	722-49AM	AM,B	102	215.9	14.8	26	31.9	756	11
LG Seeds	LG5502STXRIB	STX,B	102	214.6	15.5	5	30.0	746	16
Curry	XC-1501CYXR	OIXT	101	213.9	14.6	19	30.5	749	12
Great Lakes	4879STXRIB	STX,B	98	213.6	14.3	7	31.5	748	13
ProSeed	PX598SSRIB	STX,B	98	213.5	13.8	5	31.5	747	14
Dekalb	DKC48-12RIB GC	STX,B	98	213.4	14.1	2	31.5	747	15
Heine	734STX	STX	102	212.5	15.0	19	31.5	744	17
Latham	LH5215VT2ProRIB	VT2P,B	102	212.5	14.9	30	33.4	744	18
Pfister	1740RA	STX,B	98	212.5	15.1	2	28.6	743	19
Pioneer	P9834AMX GC	AMX,B	98	212.4	14.7	4	31.9	743	20
LG Seeds	LG5499STXRIB	STX,B	100	212.0	15.2	10	31.0	740	21
REA	5A981-RIB	STX,B	98	210.0	15.1	18	28.1	734	22
Titan Pro	TP 39-98 SS	STX,B	98	209.7	14.8	1	29.5	734	23
Pioneer	P0193AMX GC	AMX,B	101	209.6	14.4	10	30.0	734	24
Mustang	6802GENSS	STX	102	207.1	14.9	23	33.9	725	26
Renk	RK666SSTX	STX,B	102	205.7	14.6	7	30.0	720	27
NuTech/G2 Gen	5H-502^	HX,RR2	102	205.7	15.8	3	31.0	713	28
Great Lakes	5283STXRIB	STX,B	102	203.2	15.4	14	31.0	708	29
NuTech/G2 Gen	5Z-0107^	OI	101	200.3	14.8	7	29.5	701	30
Latham	LH4859SSRIB	STX,B	98	200.0	13.7	6	29.5	700	31
Dekalb	DKC52-84RIB CK	STX,B	102	208.1	14.0	5	29.5	728	25
Averages =				203.1	14.7	16	30.5	710	
LSD (0.10) =				25.5	0.6	20			
LSD (0.25) =				17.8	0.4	14			
C.V. =				9.3	2.9				

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

Test Comments: *We had a significant wind storm in mid August that caused a lot of stalk lodging. The damage was so severe in some plots that stalks were flat on the ground. Most of the plots had some kind lodging which really slowed harvest. The early-season test seemed to have more severe lodging issues than products in the full-season test. Severely lodged products delivered less grain to the tank at this site.*

† 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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SOIL CONDITION: Moderate P, mod. high K, 5.5 pH, 3.2% OM
PEST MANAGEMENT: Force, Roundup, Harness Xtra
FERTILITY - Applied N: 140 Fall
Applied N-P-K (units): 140-70-70
SEEDING - RATE - ROW: Apr 29 32,000 /A 30" spacing
HARVESTED - STAND: Oct 21 29,600 /A

Full-Season Test
103 - 107 Day CRM
B2015SDSE04b

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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
Titan Pro	TP 53-03 2P	VT2P	103	228.1	16.1	4	31.0	787	1
Renk	RK752SSTX	STX,B	108	223.7	17.6	6	30.5	757	4
Curry	727-33AM	AM,AQ,B	107	223.4	16.4	9	28.6	768	2
Great Lakes	5470STXRIB	STX,B	104	221.7	16.2	2	29.5	764	3
Pfister	X12546S2R4	STX,B	107	220.5	19.2	5	29.5	730	11
NuTech	5N-607	3000GT	107	219.8	19.5	10	29.5	725	13
REA	6A050-RIB	STX,B	105	219.3	16.5	11	30.5	753	5
Titan Pro	TP 56-06 3110	3110	106	218.4	17.8	2	29.0	737	8
Prairie Brand	5385SX	STX	103	215.8	18.0	3	30.0	726	12
Pfister	2385	HXT,RR2	104	215.3	16.9	13	31.9	735	9
LG Seeds	LG5523STXRIB	STX,B	105	215.2	16.6	4	30.0	738	7
Latham	LH5259SSRIB	STX,B	102	214.7	15.4	8	31.0	748	6
Pioneer	P0591AMX GC	AMX,B	105	214.3	17.8	4	30.0	723	14
Heine	775STX	STX	107	211.9	15.8	17	31.0	734	10
Pioneer	P0448AM1 GC	AM1,B	104	211.9	17.2	11	29.0	721	16
Latham	LH5509SSRIB	STX,B	105	210.5	18.3	8	29.0	705	22
REA	6A062-RIB	STX,B	106	209.6	17.2	7	31.5	713	20
Dairyland	DS9203	STX	103	209.2	16.8	6	30.5	715	19
Mustang	7805GENSS	STX,B	105	209.0	17.2	11	27.6	711	21
Dairyland	DS9307RA	STX,B	107	208.5	18.1	11	31.0	701	24
Great Lakes	5755STXRIB	STX,B	107	208.3	17.6	11	30.0	705	23
NuTech/G2 Gen	5Z-504^	OI	104	207.6	15.5	3	31.9	722	15
Heine	753STXRIB	STX,B	105	207.6	17.7	10	27.6	701	25
Titan Pro	2M04-2P	VT2P,B	104	207.1	15.9	32	29.0	716	18
NuTech/G2 Gen	5X-806^	HXT,RR2	106	206.9	17.7	16	30.0	699	27
Titan Pro	TP 39-05 SS	STX,B	105	206.8	17.5	15	27.6	701	26
NuTech/G2 Gen	5X-905^	HXT,RR2	105	204.3	17.0	11	32.4	697	28
Latham	LH5659SSRIB	STX,B	106	203.1	17.3	11	28.6	690	29
Prairie Brand	5785SX	STX	107	202.7	17.4	7	25.7	688	30
Viking	D52-05RL	STX,B	105	200.8	17.0	25	28.6	685	31
Dekalb	DKC52-84RIB CK	STX,B	102	205.8	14.4	26	28.6	720	17
Averages =				205.8	17.3	13	29.6	699	
LSD (0.10) =				17.2	0.8	15			
LSD (0.25) =				12.0	0.5	11			
C.V. =				6.1	3.3				

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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
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					

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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.