

# 2015 Corn Grain Top 30 Harvest Report

South Dakota Northeast [ SDNE ] HOWARD  
John Feller, Miner County, SD 57349



PREV. CROP/HERB: Oat  
SOIL DESCRIPTION: Clarno-Bonilla loam, well drained, no-till, non-irrigated  
SOIL CONDITION: Moderate P, moderate K, 6.7 pH, 3% OM  
PEST MANAGEMENT: Force, Roundup, Harness  
FERTILITY - Applied N: 170 Spring  
Applied N-P-K (units): 170-50-30  
SEEDING - RATE - ROW: May 9 32,000 /A 30" spacing  
HARVESTED - STAND: Nov 4 30,000 /A

## Early-Season Test

**91 - 95 Day CRM**  
B2015SDNE09a

## Top 30 of 60

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
Channel	191-85VT2PRIB GC	VT2P,B	91	<b>180.4</b>	14.7	1	30.0	631	1
ProSeed	1392VT2PRIB	VT2P,B	92	<b>178.4</b>	14.9	1	32.4	624	2
Renk	RK568VT3P	VT3P,B	95	176.9	15.5	1	28.6	615	4
Nuseed	9202VT2PRIB	VT2P,B	92	175.9	14.7	2	30.0	616	3
REA	4B931-RIB	VT2P,B	93	175.1	14.8	1	28.6	613	5
Renk	RK544SSTX	STX,B	95	174.9	15.2	1	29.5	611	6
Dyna-Gro	D37VC60RIB	VT2P,B	95	174.7	15.2	1	31.0	610	7
Federal	4540VT2P	VT2P	95	173.7	14.8	1	30.5	608	8
Prairie Brand	4284SX	STX	92	170.7	14.6	1	31.0	597	9
Channel	192-08VT2PRIB GC	VT2P,B	92	169.5	14.9	4	32.9	593	10
Stine	R9209VT2Pro	VT2P,B	93	166.8	15.0	9	29.0	584	11
Thunder	7993VT2PRIB	VT2P,B	93	166.7	15.1	1	30.5	583	12
Croplan	3499VT2PRIB GC	VT2P,B	94	166.4	15.3	1	28.1	580	13
ProSeed	1191VT2PRIB	VT2P,B	91	164.5	14.6	1	25.7	576	14
Latham	LH4455VT3ProRIB	VT3P,B	94	164.4	15.1	1	31.5	575	15
Channel	193-34VT2PRIB GC	VT2P,B	93	163.5	14.8	1	31.9	572	16
Latham	LH4242VT2ProRIB	VT2P,B	92	161.7	14.9	1	29.5	566	17
Titan Pro	TP 58-95 SS	STX	95	161.6	15.4	1	30.5	563	18
Viking	D42-94RL	STX	94	160.2	15.1	1	30.5	560	19
Latham	LH4098VT3ProRIB	VT3P,B	90	159.9	14.5	1	30.5	560	20
Heine	627VT3PRO	VT3P	95	159.5	15.2	1	27.6	557	21
Mustang	3894GENSS	STX	94	159.0	14.8	1	30.5	557	22
Titan Pro	2M91-2P	VT2P,B	91	157.7	14.4	1	30.5	552	23
Thunder	101-95SSRIB	STX,B	95	157.6	15.3	1	29.0	549	25
Pfister	53A1RA	STX,B	93	157.5	14.7	1	30.0	551	24
ProSeed	1393VT2PRIB	VT2P,B	93	156.4	15.0	1	25.7	547	26
Viking	D34-95RL	STX,B	95	156.4	14.8	2	31.0	547	27
Prairie Brand	x1533AG-3220	3220	93	156.1	15.2	2	29.5	545	29
Heine	626STX	STX	94	156.0	15.0	1	28.6	546	28
Channel	194-14STXRIB GC	STX,B	94	155.2	14.7	1	25.2	543	30
Dekalb	DKC48-12RIB CK	STX,B	98	154.3	14.8	1	31.5	540	32

Averages = **155.5** **14.9** **2** **30.0** **544**

LSD (0.10) = 21.5 0.3 3

LSD (0.25) = 15.0 0.2 2

C.V. = 10.2 1.6

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:** *At harvest, we could see some damage from greensnap in this plot. There was some grass pressure that emerged after the preemergence application (nothing applied postemergence) that may have caused some variable plot results. The early season test would be impacted the most. Corn was around 6 feet tall and there was a lot of twisted up plant foliage that appeared to be caused by wind.*

† 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, moderate K, 6.7 pH, 3% OM  
PEST MANAGEMENT: Force, Roundup, Harness  
FERTILITY - Applied N: 170 Spring  
Applied N-P-K (units): 170-50-30  
SEEDING - RATE - ROW: May 9 32,000 /A 30" spacing  
HARVESTED - STAND: Nov 4 30,800 /A

**Full-Season Test**  
**96 - 100 Day CRM**  
B2015SDNE09b

## Top 30 of 48

For Gross Income (Sorted by Yield)

Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
ProSeed	PX598SSRIB	STX,B	98	<b>197.1</b>	15.7	1	31.2	684	1
Thunder	4600CONV	None	100	193.6	16.5	1	32.7	665	2
Dekalb	DKC49-29RIB	STX,B	99	188.6	15.8	1	29.8	653	6
Latham	LH4859SSRIB	STX,B	98	188.3	15.7	3	25.4	653	7
REA	4A972-RIB	STX,B	97	188.1	15.1	1	30.5	658	3
NuTech/G2 Gen	5F-196^	AM,B	96	188.1	15.1	5	31.2	658	4
NuTech/G2 Gen	5F-198^	AM,B	98	187.5	14.3	1	31.2	656	5
Pioneer	P9834AMX	AMX,B	98	185.3	15.4	1	31.2	645	8
Titan Pro	1M96-3P	VT3P,B	96	185.0	15.9	1	28.3	640	9
Titan Pro	TP 39-00 SS	STX,B	100	184.4	16.2	3	31.2	635	12
Pfister	60B1	HXT,RR2	100	183.5	15.6	1	30.5	637	10
Integra	4652GSSRIB	STX,B	96	183.4	15.9	1	31.2	634	13
Thunder	7396VT2PRIB	VT2P,B	96	182.6	15.3	1	30.5	637	11
Integra	9482VT3PRIB	VT3P,B	98	182.5	15.9	3	27.6	631	14
REA	5A992-RIB	STX,B	99	181.2	15.7	1	33.4	628	15
Heine	712VT2PRO	VT2P	100	180.9	15.9	1	32.7	626	16
Dairyland	DS9599	3000GT	99	180.7	16.1	7	31.2	624	17
Renk	RK612SSTX	STX	100	179.5	15.9	3	31.9	621	19
Croplan	3899VT2PRIB GC	VT2P,B	96	179.2	15.7	5	34.1	622	18
Federal	5140VT2PRIB	VT2P,B	101	178.7	16.1	1	31.9	617	20
Heine	639STX	STX	99	178.6	16.1	1	29.0	616	21
Latham	LH4955VT2ProRIB	VT2P,B	99	178.5	16.2	3	32.7	615	22
Renk	RK596SSTX	STX,B	98	177.4	15.8	1	31.2	615	23
Heine	639VT2PRORIB	VT2P,B	99	176.8	15.8	3	31.2	612	26
Stine	R9424SS	STX,B	100	176.1	15.3	3	31.9	614	25
Mustang	4298GENSS	STX	98	175.8	14.6	3	31.2	615	24
Pfister	56A1G3	3000GT	96	172.9	15.3	3	31.2	603	27
Prairie Brand	4995RA	STX,B	99	172.1	15.9	3	31.2	595	28
Titan Pro	TP 39-98 SS	STX,B	98	170.6	16.0	1	33.4	589	30
Federal	4640VT3PRIB	VT3P,B	96	170.2	15.7	1	33.4	590	29
Dekalb	DKC48-12RIB CK	STX,B	98	146.7	15.7	3	29.8	509	45

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Averages = **171.8** **15.7** **2** **30.8** **596**  
LSD (0.10) = 23.8 0.6 3  
LSD (0.25) = 16.5 0.4 2  
C.V. = 8.2 2.2

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

**Test Comments:** *At harvest, we could see some damage from greensnap in this plot. There was some grass pressure that emerged after the preemergence application (nothing applied postemergence) that may have caused some variable plot results. The early season test would have impacted the most. Corn was around 6 feet tall and there was a lot of twisted up plant foliage that appeared to be caused by wind.*

† 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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Report Date: 11/09/2015 Revised:

2015 Corn Grain - South Dakota Northeast [ SDNE ]



**Early-Season Test Products (60 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Channel	191-85VT2PRIB GC	VT2P,B	AC,P5V	91	Renk	RK415VT2P	VT2P,B	AC,P2	92
Channel	192-08VT2PRIB GC	VT2P,B	AC,P5V	92	Renk	RK522SSTX	STX,B	AC,P5V	94
Channel	193-34VT2PRIB GC	VT2P,B	AC,P5V	93	Renk	RK544SSTX	STX,B	AC,P5V	95
Channel	194-14STXRIB GC	STX,B	AC,P5V	94	Renk	RK568VT3P	VT3P,B	AC,P2	95
Croplan	3499VT2PRIB GC	VT2P,B	AC,P2	94	Stine	R9209VT2Pro	VT2P,B	AC,P2	93
Dairyland	DS9593	3000GT	CM,C2	93	Stine	R9313VT2Pro	VT2P,B	AC,P2	95
Dairyland	DS9693	STX	CM,C5,Vi,In	93	Thunder	101-95SSRIB	STX,B	AC,C2	95
Dairyland	DS9791RA	STX,B	CM,C5,Vi,In	91	Thunder	7993VT2PRIB	VT2P,B	AC,C2	93
Dekalb	DKC44-13RIB GC	STX,B	AC,P5V	94	Titan Pro	2M91-2P	VT2P,B	AC,P2	91
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98	Titan Pro	2M95-2P	VT2P,B	AC,P2	95
Dyna-Gro	D32VC56	VT2P	AC,P5V	92	Titan Pro	TP 48-93 2P	VT2P,B	AC,P2	93
Dyna-Gro	D37VC60RIB	VT2P,B	AC,P2	95	Titan Pro	TP 58-95 SS	STX	AC,P5V	95
Federal	4160VT2P	VT2P	AC,P5	91	Viking	C44-95R	VT3P,B	AC,P2	95
Federal	4240VT2P	VT2P	AC,P2	92	Viking	D34-95RL	STX,B	AC,P2	95
Federal	4440VT3P	VT3P	AC,P2	94	Viking	D42-94RL	STX	AC,P5V	94
Federal	4540VT2P	VT2P	AC,P2	95					
Gold Country	94-19RSS	STX,B	AC,P5V	94					
Heine	610VT2PRO	VT2P	AC,P2	91					
Heine	626STX	STX	AC,P5V	94					
Heine	627VT3PRO	VT3P	AC,P2	95					
Heine	630VT2PRO	VT2P	AC,P2	96					
King Seed	4505GT	GT	CM,C2	93					
Latham	LH4098VT3ProRIB	VT3P,B	AC,P2	90					
Latham	LH4147VT2ProRIB	VT2P,B	AC,P5V	91					
Latham	LH4242VT2ProRIB	VT2P,B	AC,P2	92					
Latham	LH4455VT3ProRIB	VT3P,B	AC,P2	94					
Mustang	3292GENVT2P	VT2P,B	AC,P2V	92					
Mustang	3894GENSS	STX	AC,P5V	94					
Mustang	4291GENVT2P	VT2P	AC,P2	91					
Mustang	4294GENVT2P	VT2P	AC,P2	94					
Nuseed	9001VP3220EZR	3220,B	CM,C2	90					
Nuseed	9202VT2PRIB	VT2P,B	AC,P2	92					
Nuseed	9304SSRIB	STX,B	AC,P2	93					
NuTech/G2 Gen	5X-894^	HXT,RR2	MQ,P5V	94					
NuTech/G2 Gen	5Y-9103^	OIX	MQ,P1V	91					
Pfister	53A1RA	STX,B	CM,C5,Vi,In	93					
Prairie Brand	4284SX	STX	CM,C5,Vi,In	92					
Prairie Brand	x1533AG-3220	3220	CM,C2,Vi	93					
ProSeed	1191VT2PRIB	VT2P,B	AC,P2	91					
ProSeed	1392VT2PRIB	VT2P,B	AC,P2	92					
ProSeed	1393VT2PRIB	VT2P,B	AC,P2	93					
ProSeed	1492SSRIB	STX,B	AC,P5	92					
REA	3A922-RIB	STX,B	AC,P5V	92					
REA	4B931-RIB	VT2P,B	AC,P5V	93					
REA	4B953-RIB	VT2P,B	AC,P5V	95					

2015 Corn Grain - South Dakota Northeast [ SDNE ]



**Full-Season Test Products (48 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Croplan	3899VT2PRIB GC	VT2P,B	AC,P2	96	Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100
Dairyland	DS9198	STX	CM,C5,Vi,In	98	Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98
Dairyland	DS9599	3000GT	CM,C5,Vi,In	99	Viking	D37-98RL	STX,B	AC,P5V	98
Dekalb	DKC48-12RIB CK	STX,B	AC,P5V	98					
Dekalb	DKC49-29RIB	STX,B	AC,P5V	99					
Dyna-Gro	D40SS27RIB	STX,B	AC,P5V	100					
Federal	4640VT3PRIB	VT3P,B	AC,P2	96					
Federal	4760SSTAX	STX	AC,P2	97					
Federal	5050VT2PRIB	VT2P,B	AC,P2	100					
Federal	5140VT2PRIB	VT2P,B	AC,P2	101					
Heine	639STX	STX	AC,P5V	99					
Heine	639VT2PRORIB	VT2P,B	AC,P2	99					
Heine	712VT2PRO	VT2P	AC,P2	100					
Heine	723VT2PRO	VT2P	AC,P2	100					
Integra	4652GSSRIB	STX,B	AC,P5V	96					
Integra	9482VT3PRIB	VT3P,B	AC,P2	98					
King Seed	5800-3011A	3011,A	CM,C2	98					
Latham	LH4729SS	STX	AC,P5V	97					
Latham	LH4836-3122EZR	3122,B	CM,C2	98					
Latham	LH4859SSRIB	STX,B	AC,P5V	98					
Latham	LH4955VT2ProRIB	VT2P,B	AC,P2	99					
Mustang	4298GENSS	STX	AC,P5V	98					
NuTech/G2 Gen	5F-196^	AM,B	MQ,P5V	96					
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98					
Pfister	1740RA	STX,B	CM,C5,Vi,In	98					
Pfister	56A1G3	3000GT	CM,C5,Vi,In	96					
Pfister	57A1	HXT,RR2	AC,P5V	97					
Pfister	60B1	HXT,RR2	AC,P5V	100					
Pioneer	P9834AMX	AMX,B	MQ,C2	98					
Prairie Brand	4776SX	STX	AC,P5V	97					
Prairie Brand	4895GT3	3000GT	CM,C5,Vi,In	98					
Prairie Brand	4995RA	STX,B	CM,C5,Vi,In	99					
Proseed	1399-3000GT	3000GT	CM,C2	99					
ProSeed	1496SSRIB	STX,B	AC,P5	96					
ProSeed	PX598SSRIB	STX,B	AC,P5	98					
REA	4A962-RIB	STX,B	AC,P5V	96					
REA	4A972-RIB	STX,B	AC,P5V	97					
REA	5A992-RIB	STX,B	AC,P5V	99					
Renk	RK596SSTX	STX,B	AC,P5V	98					
Renk	RK612SSTX	STX	AC,P5V	100					
Stine	R9424SS	STX,B	AC,P2	100					
Thunder	101-97SSRIB	STX,B	AC,C2	97					
Thunder	4600CONV	None	AC,C2	100					
Thunder	7396VT2PRIB	VT2P,B	AC,C2	96					
Titan Pro	1M96-3P	VT3P,B	AC,P2	96					

## 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.