

2015 Corn Grain Top 30 Harvest Report

South Dakota Northeast [SDNE] CAVOUR
Greg Bich, Beadle County, SD 57324



Test by: MNS Seed Testing, LLC, New Richland, MN

PREV. CROP/HERB: Soybean / Roundup PowerMax, Select Max, Valor
SOIL DESCRIPTION: Houdek-Prosper loam, mod. well drained, minimum w/ fall till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 5.3 pH, 2.5% OM
PEST MANAGEMENT: Force, Roundup PowerMax, Harness Xtra
FERTILITY - Applied N: 92 Fall, 50 Spring
Applied N-P-K (units): 142-50-0
SEEDING - RATE - ROW: May 15 30,500 /A 30" spacing
HARVESTED - STAND: Nov 4 29,300 /A

Early-Season Test

91 - 95 Day CRM
B2015SDNE10a

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
Mustang	4294GENVT2P	VT2P	94	209.7	15.3	1	28.6	731	2
Gold Country	94-19RSS	STX,B	94	209.1	14.6	2	30.0	732	1
Mustang	3292GENVT2P	VT2P,B	92	208.7	14.7	1	28.1	730	3
Renk	RK544SSTX	STX,B	95	207.7	14.5	2	29.0	727	4
Heine	630VT2PRO	VT2P	96	206.5	14.9	1	31.0	723	5
Channel	193-34VT2PRIB GC	VT2P,B	93	206.5	14.7	2	27.6	723	6
Heine	627VT3PRO	VT3P	95	205.7	14.9	1	30.5	720	7
Latham	LH4455VT3ProRIB	VT3P,B	94	205.5	14.9	1	28.1	719	8
Viking	D34-95RL	STX,B	95	204.5	14.8	1	30.5	716	9
Dyna-Gro	D37VC60RIB	VT2P,B	95	204.2	14.8	1	28.1	715	10
Croplan	3499VT2PRIB GC	VT2P,B	94	203.5	14.8	1	28.6	712	12
Renk	RK568VT3P	VT3P,B	95	202.0	14.8	1	29.5	707	13
Titan Pro	2M95-2P	VT2P,B	95	201.3	14.9	1	30.5	705	14
Heine	626STX	STX	94	200.5	15.0	1	28.1	702	15
Heine	610VT2PRO	VT2P	91	200.2	14.2	1	29.5	701	16
Thunder	7993VT2PRIB	VT2P,B	93	199.8	14.5	1	31.5	699	17
Latham	LH4098VT3ProRIB	VT3P,B	90	199.7	13.9	1	28.1	699	18
Channel	194-14STXRIB GC	STX,B	94	199.7	14.6	1	28.1	699	19
Channel	191-85VT2PRIB GC	VT2P,B	91	199.0	14.4	1	28.1	697	20
Titan Pro	TP 48-93 2P	VT2P,B	93	199.0	14.7	1	29.0	697	21
REA	4B931-RIB	VT2P,B	93	198.4	14.5	1	29.0	694	22
Mustang	3894GENSS	STX	94	197.5	14.3	1	28.1	691	23
REA	3A922-RIB	STX,B	92	196.6	14.7	1	29.0	688	24
Titan Pro	TP 58-95 SS	STX	95	196.1	15.0	2	31.5	686	25
REA	4B953-RIB	VT2P,B	95	195.9	14.6	1	30.5	686	26
Nuseed	9202VT2PRIB	VT2P,B	92	195.3	14.1	1	31.0	684	27
Stine	R9313VT2Pro	VT2P,B	95	194.5	14.6	1	29.5	681	28
Latham	LH4147VT2ProRIB	VT2P,B	91	194.3	14.5	1	30.5	680	29
Dairyland	DS9593	3000GT	93	193.8	13.9	2	27.6	678	30
Federal	4540VT2P	VT2P	95	193.3	14.7	1	29.0	677	31
Dekalb	DKC48-12RIB CK	STX,B	98	203.9	14.8	1	29.5	714	11

Averages = **194.1** **14.6** **1** **29.3** **679**

LSD (0.10) = 15.5 0.3 1

LSD (0.25) = 10.8 0.2 1

C.V. = 5.9 1.3

Mark Tollefson

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

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

Test Comments: *This area is having a record corn harvest as yields are approaching the 200 bushels per acre level. Unlike past years, this area caught some August rains that really helped boost yields. The test results were strong and show yields close to that 200 bushel mark.*

Surprised to see a lot of corn remaining to harvest in this area as of November 4th.

† 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, 5.3 pH, 2.5% OM
PEST MANAGEMENT: Force, Roundup PowerMax, Harness Xtra
FERTILITY - Applied N: 92 Fall, 50 Spring
Applied N-P-K (units): 142-50-0
SEEDED - RATE - ROW: May 15 30,500 /A 30" spacing
HARVESTED - STAND: Nov 4 29,800 /A

Full-Season Test
96 - 100 Day CRM
B2015SDNE10b

Top 30 of 48

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
Pfister	60B1	HXT,RR2	100	222.6	16.1	1	28.6	768	1
Latham	LH4729SS	STX	97	218.3	14.8	1	30.0	764	2
Integra	9482VT3PRIB	VT3P,B	98	211.3	16.0	1	29.0	730	4
ProSeed	PX598SSRIB	STX,B	98	210.6	15.3	1	30.5	734	3
Heine	712VT2PRO	VT2P	100	208.8	15.4	1	28.1	727	6
King Seed	5800-3011A	3011,A	98	208.2	14.9	2	27.1	729	5
Federal	4760SSTAX	STX	97	207.1	14.8	1	30.5	725	7
Prairie Brand	4895GT3	3000GT	98	204.5	15.2	1	30.5	714	8
Dairyland	DS9198	STX	98	204.1	14.6	1	29.5	714	9
Mustang	4298GENSS	STX	98	204.1	14.8	1	29.0	714	10
Titan Pro	TP 39-00 SS	STX,B	100	203.5	15.3	1	30.5	710	11
REA	5A992-RIB	STX,B	99	202.9	15.1	1	30.0	709	12
Heine	639STX	STX	99	202.2	15.3	1	28.6	705	13
Integra	4652GSSRIB	STX,B	96	201.3	15.6	1	28.6	699	15
NuTech/G2 Gen	5F-196^	AM,B	96	200.7	15.0	1	27.6	702	14
Federal	5140VT2PRIB	VT2P,B	101	200.4	15.5	2	29.5	697	16
Heine	639VT2PRORIB	VT2P,B	99	199.4	15.6	1	28.6	693	18
Dairyland	DS9599	3000GT	99	199.2	15.4	1	31.9	694	17
Federal	5050VT2PRIB	VT2P,B	100	198.6	15.7	1	29.0	689	21
Latham	LH4955VT2ProRIB	VT2P,B	99	198.5	15.2	1	31.0	693	19
Proseed	1399-3000GT	3000GT	99	197.0	15.0	1	27.1	690	20
Pfister	57A1	HXT,RR2	97	196.7	15.0	1	29.5	688	22
Heine	723VT2PRO	VT2P	100	196.7	15.9	1	30.5	680	24
Prairie Brand	4776SX	STX	97	194.2	14.7	1	30.5	680	25
Pfister	1740RA	STX,B	98	192.5	15.6	1	28.1	669	27
Thunder	7396VT2PRIB	VT2P,B	96	192.2	14.8	1	30.0	673	26
Stine	R9424SS	STX,B	100	192.0	15.4	1	31.0	669	28
Prairie Brand	4995RA	STX,B	99	191.1	15.1	1	29.5	668	30
Titan Pro	1M96-3P	VT3P,B	96	191.0	14.9	1	31.9	669	29
REA	4A972-RIB	STX,B	97	189.8	14.6	1	33.4	664	31
Dekalb	DKC48-12RIB CK	STX,B	98	195.8	15.0	1	30.0	685	23

Averages = **195.0** **15.2** **1** **29.8** **680**

LSD (0.10) = 18.2 0.4 ns

LSD (0.25) = 12.6 0.2 ns

C.V. = 6.9 1.7

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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					

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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.