

2014 Corn Grain Top 30 Harvest Report
 South Dakota Northeast [SDNE] CLEAR LAKE
 Greg Lanners, Deuel County, SD 57226



PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Vienna-Brookings silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Mod. Low P, mod. low K, 6.3 pH, 3.4% OM
 PEST MANAGEMENT: Force, Realm Q, Roundup
 FERTILITY - Applied N: 160 Spring
 Applied N-P-K (units): 160-50-40
 SEEDED - RATE - ROW: May 16 36,000 /A 30" spacing
 HARVESTED - STAND: Nov 1 35,500 /A

Early-Season Test
91 - 95 Day CRM
 B2014SDNE12a

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
Federal	4240VT2P	VT2P	AC,P2	92	196.9	18.1	9	35.3	575	4
Stine	R9209VT2Pro	VT2P,B	AC,P2	92	196.8	16.8	1	34.4	582	2
Viking	VS91-591	VT2P,B	AC,P2	91	196.2	14.3	1	37.3	589	1
Wensman	W 90941STX	STX	AC,P5V	94	193.6	14.8	1	33.4	581	3
Titan Pro	TP 48-93 2P	VT2P,B	AC,P2	93	190.5	17.5	1	36.8	560	6
Latham	LH4242VT2PRORIB	VT2P,B	AC,P5V	92	190.4	17.7	1	37.3	558	8
Viking	VS92-110	VT2P,B	AC,P2	92	189.6	16.6	1	36.3	561	5
ProSeed	1193VT3PRIB	VT3P,B	AC,P2	93	187.9	17.8	1	37.3	551	12
Latham	LH4455VT3PRORIB	VT3P,B	AC,P2	94	187.8	15.9	2	34.8	559	7
Nuseed	9304VT2P	VT2P	AC,P2	93	187.4	17.2	1	36.3	552	10
Thunder	7993VT2PRIB	VT2P,B	AC,P2	93	186.1	16.9	1	35.8	549	15
Terning Seeds	TS8199VT2P	VT2P	CM,C2	91	185.7	17.1	2	34.3	547	17
ProSeed	1393VT2PRIB	VT2P,B	AC,P2	93	185.5	15.6	1	34.3	554	9
Mustang	4695GENVT3P GC	VT3P,B	AC,P2V	95	185.5	16.4	2	36.3	550	14
REA	4B941-RIB	VT2P,B	AC,P5V	94	185.2	16.1	1	37.3	551	13
REA	4A942-RIB	STX,B	AC,P5V	94	185.1	15.8	1	35.3	552	11
Titan Pro	2M95-2P	VT2P,B	AC,P2	95	184.6	16.3	1	37.8	548	16
AgVenture/Scherr	VPmx RL4616HBW^	HX,RR2	MQ,P5	94	181.3	13.9	1	36.8	544	18
ProSeed	1292VT2PRIB	VT2P,B	AC,P2	92	179.6	13.7	1	37.8	539	19
Renk	RK522SSTX	STX,B	AC,P2	94	179.5	16.2	4	31.5	533	20
Wensman	W 90935STXRIB	STX,B	AC,P5V	93	177.7	15.4	1	36.3	531	22
Titan Pro	2M91-2P	VT2P,B	AC,P2	91	177.6	14.1	2	35.8	533	21
Viking	VS94-571	VT2P,B	AC,P2	94	177.5	16.7	2	35.3	525	25
Stine	R9313VT2Pro	VT2P,B	AC,P2	95	176.8	14.7	1	36.3	530	23
Viking	E52-95R	VT2P,B	AC,P2	95	176.4	16.1	4	36.3	524	26
Dekalb	DKC43-48RIB GC	VT3P,B	AC,P2	93	176.3	14.6	1	36.8	529	24
Federal	4540VT3P	VT3P	AC,P2	95	176.3	17.1	1	37.3	520	29
ProSeed	1191VT2PRIB	VT2P,B	AC,P2	91	174.7	13.8	1	35.3	524	27
REA	4V953-RIB	VT3P,B	AC,P5V	95	174.5	14.6	2	35.8	524	28
Federal	4440VT3PRIB	VT3P,B	AC,P2	94	174.3	16.4	9	34.3	517	30
Pioneer	P9834AMX CK	AMX,B	MQ,C2	98	163.6	15.4	2	33.9	489	42

Mark Tollefson

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Test Average = **174.5** **15.6** **2** **35.5** **520**
 LSD (0.10) = 14.5 0.6 8
 LSD (0.25) = 10.1 0.4 6
 C.V. = 6.1 3.0

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: *We harvested in a strong crosswind, around 25 mph, that caused stalk lodging while we harvested and exposed stalks to the wind. Some hybrids had goosenecked from strong winds earlier this season. Corn cobs and kernels were smaller than average based on other locations harvested this fall. A lot of area farmers are waiting for the crop to dry down as grain moistures are higher than desired.*

† 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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 Applied N-P-K (units): 160-50-40
 SEEDED - RATE - ROW: May 16 36,000 /A 30" spacing
 HARVESTED - STAND: Nov 1 35,100 /A

Full-Season Test
96 - 100 Day CRM
 B2014SDNE12b

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	181.9	19.0	2	36.3	528	1
Wensman	W 90967STXRIB	STX,B	AC,P5V	96	179.0	17.3	1	34.9	527	2
Dekalb	DKC47-35RIB GC	STX,B	AC,P5V	97	178.6	19.0	1	35.3	518	5
Channel	199-29STXRIB GC	STX,B	AC,P5V	99	178.4	17.6	1	34.9	524	3
Latham	LH4859SSRIB	STX,B	AC,P5V	98	176.5	19.0	1	35.3	512	7
REA	5A993-RIB	STX,B	AC,P5V	99	175.7	16.9	1	35.3	519	4
Wensman	W 70975VT3PRIB	VT3P,B	AC,P5V	97	173.5	17.3	1	34.3	511	8
Pioneer	P9917AMX GC	AMX,B	MQ,C2	99	173.2	16.3	1	35.8	514	6
Channel	197-68STXRIB GC	STX,B	AC,P5V	97	171.4	19.0	2	34.8	497	10
Renk	RK596SSTX	STX	AC,P2	98	169.9	18.8	1	35.8	494	12
Viking	VS96-578	VT3P,B	AC,P2	96	169.7	17.3	2	35.8	499	9
REA	5A992-RIB	STX,B	AC,P5V	99	168.9	18.0	1	34.8	494	13
Wensman	W 9288STXRIB	STX,B	AC,P5V	98	168.4	18.0	2	33.9	493	14
Curry	417-91 GC	HXT,RR2	MQ,P5V,R	97	168.3	17.2	9	36.3	496	11
Prairie Brand	4895GT3	3000GT	CM,C2	98	168.3	19.0	2	33.9	488	17
Wensman	W 90979STX	STX	AC,P5V	97	167.5	17.6	1	34.9	492	15
Federal	4640VT3P	VT3P	AC,P2	96	166.4	17.8	4	34.4	488	18
Thunder	7396VT2PRIB	VT2P,B	AC,P2	96	165.9	16.3	1	35.8	492	16
Nuseed	9904VT2P	VT2P	AC,P2	99	165.3	18.3	1	36.8	482	22
Dyna-Gro	D37SS60	STX	AC,P5V	97	165.1	17.7	1	33.9	484	19
Federal	5050SSTAX	STX	AC,P5V	100	165.1	18.0	1	35.3	483	20
Dyna-Gro	D39VP14	VT3P	AC,P5V	99	164.9	19.4	1	35.8	477	26
AgVenture/Scherr	VPmx RL5718HBW^	HX,RR2,AQ	MQ,P5	99	164.5	17.6	10	34.8	483	21
Nuseed	3014VT2P	VT2P	AC,P2	101	164.5	18.5	2	35.8	479	24
King	5800-3000GTA	3011A	CM,C2	98	164.2	19.1	5	36.8	476	27
ProSeed	1399-3000GT	3000GT	CM,C2	99	164.2	19.4	6	34.8	475	29
Renk	RK605SSTX	STX	AC,P2	100	164.0	19.1	1	37.8	475	30
REA	4A654-RIB	STX,B	AC,P5V	96	163.0	18.2	1	34.4	476	28
Dekalb	DKC49-29RIB GC	STX,B	AC,P5V	99	161.9	16.7	1	31.4	479	25
ProSeed	1396VT3PRIB	VT3P,B	AC,P2	96	161.1	15.7	1	34.4	480	23
Pioneer	P9834AMX CK	AMX,B	MQ,C2	98	145.4	16.0	1	35.3	433	46

Mark Tollefson

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Test Average = **160.1** 17.6 2 35.1 470
 LSD (0.10) = 15.9 0.8 6
 LSD (0.25) = 11.1 0.6 4
 C.V. = 7.3 3.3

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2014 Corn Grain - South Dakota Northeast [SDNE]



Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgVenture/Scherr	VPmx RL4616HBW^	HX,RR2	MQ,P5	94	Titan Pro	TP 48-93 2P	VT2P,B	AC,P2	93
AgVenture/Scherr	VPmx RL5015YHBW^	OIX	MQ,P5	94	Viking	E52-95R	VT2P,B	AC,P2	95
Dairyland	DS9093	3122	CM,C2	93	Viking	VS91-591	VT2P,B	AC,P2	91
Dairyland	DS9694RA	STX,B	CM,C2	94	Viking	VS92-110	VT2P,B	AC,P2	92
Dairyland	DS9791RA	STX,B	CM,C2	91	Viking	VS94-571	VT2P,B	AC,P2	94
Dekalb	DKC43-48RIB GC	VT3P,B	AC,P2	93	Wensman	W 80952VT2RIB	VT2P,B	AC,P5V	95
Federal	4240VT2P	VT2P	AC,P2	92	Wensman	W 90910STXRIB	STX,B	AC,P5V	91
Federal	4440VT3PRIB	VT3P,B	AC,P2	94	Wensman	W 90935STXRIB	STX,B	AC,P5V	93
Federal	4520VT3PRIB	VT3P,B	AC,P2	95	Wensman	W 90941STX	STX	AC,P5V	94
Federal	4540VT3P	VT3P	AC,P2	95					
Latham	LH4098VT3PRORIB	VT3P,B	AC,P2	90					
Latham	LH4242VT2PRORIB	VT2P,B	AC,P5V	92					
Latham	LH4455VT3PRORIB	VT3P,B	AC,P2	94					
Latham	LH4568VT3PRORIB	VT3P,B	AC,P2	95					
Mustang	4695GENVT3P GC	VT3P,B	AC,P2V	95					
Nuseed	9001VP3220	3220,B	CM,C2	90					
Nuseed	9304VT2P	VT2P	AC,P2	93					
Nuseed	9504VT3PRIB	VT3P,B	AC,P2	95					
NuTech	5V-195	3111	CM,C2	95					
NuTech/G2 Gen	5F-091^	AM,B	MQ,P5V	91					
NuTech/G2 Gen	5X-894^	HXT,RR2	MQ,P5V	94					
Pioneer	P9305AM GC	AM,B	MQ,C2	93					
Pioneer	P9834AMX CK	AMX,B	MQ,C2	98					
Prairie Brand	4284RA	STX,B	CM,C2	93					
Prairie Brand	4594GT3	3000GT	CM,C2	96					
ProSeed	1191VT2PRIB	VT2P,B	AC,P2	91					
ProSeed	1193VT3PRIB	VT3P,B	AC,P2	93					
ProSeed	1292VT2PRIB	VT2P,B	AC,P2	92					
ProSeed	1393VT2PRIB	VT2P,B	AC,P2	93					
REA	4A942-RIB	STX,B	AC,P5V	94					
REA	4B285-RIB	VT2P,B	AC,P5V	93					
REA	4B941-RIB	VT2P,B	AC,P5V	94					
REA	4V953-RIB	VT3P,B	AC,P5V	95					
Renk	RK522SSTX	STX,B	AC,P2	94					
Renk	RK557SSTX	STX,B	AC,P2	95					
Renk	RK568VT3P	VT3P,B	AC,P2	95					
Rob-See-Co	Innotech IC4286^	3220,B	CM,C2	92					
Stine	R9209VT2Pro	VT2P,B	AC,P2	92					
Stine	R9313VT2Pro	VT2P,B	AC,P2	95					
Terning Seeds	TS8199VT2P	VT2P	CM,C2	91					
Thunder	4391VT2PRIB	VT2P,B	AC,P2	91					
Thunder	7993VT2PRIB	VT2P,B	AC,P2	93					
Thunder	9595VT3PRIB	VT3P,B	AC,P2	95					
Titan Pro	2M91-2P	VT2P,B	AC,P2	91					
Titan Pro	2M95-2P	VT2P,B	AC,P2	95					

2014 Corn Grain - South Dakota Northeast [SDNE]



Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgVenture/Scherr	VPmx RL5671AM^	AM,B	MQ,P5	99	Thunder	7396VT2PRIB	VT2P,B	AC,P2	96
AgVenture/Scherr	VPmx RL5718HBW^	HX,RR2,AQ	MQ,P5	99	Titan Pro	1M96-3P	VT3P	AC,P2	96
Channel	197-68STXRIB GC	STX,B	AC,P5V	97	Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100
Channel	199-29STXRIB GC	STX,B	AC,P5V	99	Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98
Curry	417-91 GC	HXT,RR2	MQ,P5V,R	97	Viking	VS96-578	VT3P,B	AC,P2	96
Dairyland	DS9900SSX	STX	CM,C2	99	Wensman	W 70975VT3PRIB	VT3P,B	AC,P5V	97
Dekalb	DKC47-35RIB GC	STX,B	AC,P5V	97	Wensman	W 90967STXRIB	STX,B	AC,P5V	96
Dekalb	DKC48-12RIB GC	STX,B	AC,P5V	98	Wensman	W 90979STX	STX	AC,P5V	97
Dekalb	DKC49-29RIB GC	STX,B	AC,P5V	99	Wensman	W 9288STXRIB	STX,B	AC,P5V	98
Dyna-Gro	D37SS60	STX	AC,P5V	97					
Dyna-Gro	D39VP14	VT3P	AC,P5V	99					
Federal	4640VT3P	VT3P	AC,P2	96					
Federal	5050SSTAX	STX	AC,P5V	100					
King	5650-3000GT	3000GT	CM,C2	96					
King	5800-3000GTA	3011A	CM,C2	98					
Latham	LH4645VT2PRORIB	VT2P,B	AC,P5V	96					
Latham	LH4859SSRIB	STX,B	AC,P5V	98					
Latham	LH4955VT2PRORIB	VT2P,B	AC,P5V	99					
Latham	LH5096VT3PRORIB	VT3P,B	AC,P2	100					
Nuseed	3014VT2P	VT2P	AC,P2	101					
Nuseed	9904VT2P	VT2P	AC,P2	99					
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98					
NuTech/G2 Gen	5F-399^	AM,B	MQ,P5V	99					
NuTech/G2 Gen	5X-698^	HXT,RR2,AC	MQ,P5V	98					
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96					
Pioneer	P0062AMX GC	AMX,AQ,B	MQ,C2	100					
Pioneer	P9834AMX CK	AMX,B	MQ,C2	98					
Pioneer	P9917AMX GC	AMX,B	MQ,C2	99					
Prairie Brand	4895GT3	3000GT	CM,C2	98					
Prairie Brand	4995SX	STX	CM,C2	99					
ProSeed	1396VT3PRIB	VT3P,B	AC,P2	96					
ProSeed	1397SSRIB	STX,B	AC,P2	97					
ProSeed	1399-3000GT	3000GT	CM,C2	99					
ProSeed	PX496SSRIB	STX,B	AC,P2	96					
REA	4A654-RIB	STX,B	AC,P5V	96					
REA	4A972-RIB	STX,B	AC,P5V	97					
REA	5A992-RIB	STX,B	AC,P5V	99					
REA	5A993-RIB	STX,B	AC,P5V	99					
Renk	RK581SSTX	STX,B	AC,P2	100					
Renk	RK591GTCBLLRWBLA	3111A	CM,C2	99					
Renk	RK596SSTX	STX	AC,P2	98					
Renk	RK605SSTX	STX	AC,P2	100					
Rob-See-Co	Innotech IC4903^	3111A	CM,C2	99					
Stine	R9417VT3Pro	VT3P,B	AC,P2	98					
Thunder	103-97SSRIB	STX,B	AC,P2	97					

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® TRIssect® (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.