

2014 Corn Grain Top 30 Harvest Report

South Dakota Northeast [SDNE] WEBSTER
Fred Zenk, Day County, SD 57274



PREV. CROP/HERB: Alfalfa / Roundup
SOIL DESCRIPTION: Poinsett-Rusklyn-Waubay silty clay loam, well drained, no-till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 6.7 pH, 5% OM
PEST MANAGEMENT: Force, Roundup
FERTILITY - Applied N: 148 Spring
Applied N-P-K (units): 148-18-10
SEEDED - RATE - ROW: May 20 35,000 /A 30" spacing
HARVESTED - STAND: Nov 2 34,300 /A

Early-Season Test
91 - 95 Day CRM
B2014SDNE09a

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
Nuseed	9304VT2P	VT2P	AC,P2	93	206.3	15.9	1	34.8	614	1
ProSeed	1191VT2PRIB	VT2P,B	AC,P2	91	201.9	13.9	1	34.8	606	2
Latham	LH4098VT3PRORIB	VT3P,B	AC,P2	90	201.7	13.6	1	33.9	605	3
Viking	VS92-110	VT2P,B	AC,P2	92	194.2	14.8	1	35.3	583	4
Wensman	W 80952VT2RIB	VT2P,B	AC,P5V	95	193.9	15.4	1	34.3	580	6
Mustang	4695GENVT3P GC	VT3P,B	AC,P2V	95	193.8	14.3	1	33.4	581	5
Renk	RK568VT3P	VT3P,B	AC,P2	95	192.8	15.6	1	35.3	576	7
Thunder	7993VT2PRIB	VT2P,B	AC,P2	93	192.7	15.4	1	34.3	576	8
REA	4B285-RIB	VT2P,B	AC,P5V	93	192.0	14.9	1	33.9	576	9
Pioneer	P9305AM GC	AM,B	MQ,C2	93	191.9	14.3	1	34.8	576	10
REA	4V953-RIB	VT3P,B	AC,P5V	95	190.5	13.9	1	34.8	572	11
Stine	R9313VT2Pro	VT2P,B	AC,P2	95	190.3	13.9	1	34.8	571	12
Wensman	W 90941STX	STX	AC,P5V	94	189.2	14.3	1	35.3	568	13
AgVenture/Scherr	VPmx RL4616HBW^	HX,RR2	MQ,P5	94	189.0	13.4	1	35.8	567	14
Latham	LH4242VT2PRORIB	VT2P,B	AC,P5V	92	188.8	14.5	1	36.3	566	15
Stine	R9209VT2Pro	VT2P,B	AC,P2	92	188.4	15.4	1	34.8	563	16
Latham	LH4568VT3PRORIB	VT3P,B	AC,P2	95	187.8	14.4	1	32.9	563	17
Viking	E52-95R	VT2P,B	AC,P2	95	187.3	15.4	1	35.3	560	19
Renk	RK522SSTX	STX,B	AC,P2	94	187.2	15.1	1	33.9	561	18
Titan Pro	2M91-2P	VT2P,B	AC,P2	91	186.4	14.0	1	33.4	559	20
Titan Pro	TP 48-93 2P	VT2P,B	AC,P2	93	184.8	14.0	1	33.9	554	21
ProSeed	1292VT2PRIB	VT2P,B	AC,P2	92	184.6	13.7	1	34.4	554	22
Federal	4440VT3PRIB	VT3P,B	AC,P2	94	184.1	15.0	1	34.8	552	23
NuTech/G2 Gen	5F-091^	AM,B	MQ,P5V	91	183.8	13.3	1	34.3	551	24
Titan Pro	2M95-2P	VT2P,B	AC,P2	95	182.9	15.7	1	35.3	545	26
REA	4A942-RIB	STX,B	AC,P5V	94	182.4	13.9	1	34.8	547	25
Dekalb	DKC43-48RIB GC	VT3P,B	AC,P2	93	181.6	13.7	1	33.9	545	27
Nuseed	9504VT3PRIB	VT3P,B	AC,P2	95	181.3	14.6	1	33.9	544	28
Terning Seeds	TS8199VT2P	VT2P	CM,C2	91	179.9	14.7	1	33.4	540	29
Thunder	4391VT2PRIB	VT2P,B	AC,P2	91	179.2	13.9	1	33.4	538	30
Pioneer	P9834AMX CK	AMX,B	MQ,C2	98	171.9	14.9	1	33.4	516	39

Mark Tollefson

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

Test Average = **179.9** **14.5** **1** **34.3** **539**

LSD (0.10) = 19.8 1.3 ns

LSD (0.25) = 13.8 0.9 ns

C.V. = 8.1 6.7

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: *At harvest, all upper portion of all corn stalks were broken off just above the ear. The field was weed-free at harvest. I was pleasantly surprised by the overall average yields in these test. Overall rainfall was good at this site. May and June rainfall totals were 3.7" and 6.1", respectively, 2.9" over the 30-year average for that interval. July rainfall was 1.9" below average but Aug returned to average.*

† 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 2014

Report date: 11/4/2014 Revised:

2014 Corn Grain Top 30 Harvest Report

South Dakota Northeast [SDNE] WEBSTER
Fred Zenk, Day County, SD 57274



PREV. CROP/HERB: Alfalfa / Roundup
SOIL DESCRIPTION: Poinsett-Rusklyn-Waubay silty clay loam, well drained, no-till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 6.7 pH, 5% OM
PEST MANAGEMENT: Force, Roundup
FERTILITY - Applied N: 148 Spring
Applied N-P-K (units): 148-18-10
SEEDED - RATE - ROW: May 20 35,000 /A 30" spacing
HARVESTED - STAND: Nov 2 34,300 /A

Full-Season Test
96 - 100 Day CRM
B2014SDNE09b

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
REA	5A993-RIB	STX,B	AC,P5V	99	202.0	16.1	1	35.3	600	1
Pioneer	P9917AMX GC	AMX,B	MQ,C2	99	202.0	16.9	1	36.3	596	2
King	5800-3000GTA	3011A	CM,C2	98	199.7	16.1	1	33.9	594	3
Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98	197.1	15.7	1	33.8	588	4
Nuseed	9904VT2P	VT2P	AC,P2	99	196.2	17.1	1	37.3	578	6
Titan Pro	1M96-3P	VT3P	AC,P2	96	195.7	16.1	1	37.3	582	5
Thunder	7396VT2PRIB	VT2P,B	AC,P2	96	192.1	14.4	1	35.8	576	7
Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100	191.7	17.1	1	34.9	565	11
Renk	RK596SSTX	STX	AC,P2	98	191.5	16.1	1	35.3	569	8
ProSeed	1397SSRIB	STX,B	AC,P2	97	191.0	16.6	1	34.8	565	12
Thunder	103-97SSRIB	STX,B	AC,P2	97	190.8	15.8	1	33.9	569	9
Latham	LH4859SSRIB	STX,B	AC,P5V	98	189.7	16.4	1	32.4	562	14
Dyna-Gro	D37SS60	STX	AC,P5V	97	189.5	15.4	1	36.3	567	10
AgVenture/Scherr	VPmx RL5718HBW^	HX,RR2,AQ	MQ,P5	99	189.0	18.0	1	36.3	553	21
Viking	VS96-578	VT3P,B	AC,P2	96	188.1	14.3	1	34.8	564	13
Curry	417-91 GC	HXT,RR2	MQ,P5V,R	97	188.1	15.8	1	33.9	561	16
REA	5A992-RIB	STX,B	AC,P5V	99	187.9	15.9	1	35.3	559	17
Dekalb	DKC47-35RIB GC	STX,B	AC,P5V	97	187.6	16.3	1	33.9	557	18
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98	187.2	14.2	1	31.9	562	15
Dekalb	DKC48-12RIB GC	STX,B	AC,P5V	98	186.9	15.9	1	34.8	556	19
Dyna-Gro	D39VP14	VT3P	AC,P5V	99	186.8	16.5	1	35.8	553	22
REA	4A972-RIB	STX,B	AC,P5V	97	186.0	15.7	1	35.3	555	20
Dairyland	DS9900SSX	STX	CM,C2	99	185.7	15.9	1	35.8	553	23
ProSeed	PX496SSRIB	STX,B	AC,P2	96	183.6	15.3	1	33.4	549	24
Prairie Brand	4895GT3	3000GT	CM,C2	98	182.6	16.5	1	34.4	541	26
King	5650-3000GT	3000GT	CM,C2	96	182.5	14.8	1	34.8	548	25
Renk	RK581SSTX	STX,B	AC,P2	100	180.6	17.2	1	34.4	532	30
Rob-See-Co	Innotech IC4903^	3111A	CM,C2	99	180.4	16.9	1	30.5	533	29
Wensman	W 90979STX	STX	AC,P5V	97	180.2	16.0	1	35.8	536	28
Wensman	W 70975VT3PRIB	VT3P,B	AC,P5V	97	179.2	14.9	1	32.9	538	27
Pioneer	P9834AMX CK	AMX,B	MQ,C2	98	154.4	14.4	1	34.3	463	53

Mark Tollefson

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

Test Average = **180.7** **16.0** **1** **34.3** **537**

LSD (0.10) = 20.9 1.3 ns

LSD (0.25) = 14.5 0.9 ns

C.V. = 8.5 6.0

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: *At harvest, all upper portion of all corn stalks were broken off just above the ear. The field was weed-free at harvest. I was pleasantly surprised by the overall average yields in these test. Overall rainfall was good at this site. May and June rainfall totals were 3.7" and 6.1", respectively, 2.9" over the 30-year average for that interval. July rainfall was 1.9" below average but Aug returned to average.*

† 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 2014

Report date: 11/4/2014 Revised:

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.