

2014 Corn Grain Top 30 Performance Summary for South Dakota Northeast [ SDNE ]



Early-Season Test

91 - 95 Day CRM

B2014SDNEa

Top 30 of 54

For Gross Income (Sorted by Yield), (18) Replication Average

Company/Brand	Product/Brand†	Technol.†	Seed Trmt.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income		Bath	Clear Lake			Watertown	
								\$/A	Rank		Cavour	Howard	Webster		
Federal	4240VT2P	VT2P	AC,P2	92	<b>198.9</b>	15.3	2	595	1	212.9	189.2	<b>196.9</b>	<b>206.1</b>	214.2	174.2
Viking	VS92-110	VT2P,B	AC,P2	92	<b>198.6</b>	15.1	1	595	2	206.3	187.6	<b>189.6</b>	199.3	214.4	194.2
Mustang	4695GENVT3P GC	VT3P,B	AC,P2V	95	<b>198.0</b>	15.1	2	594	3	216.0	185.4	185.5	196.9	210.2	193.8
Stine	R9313VT2Pro	VT2P,B	AC,P2	95	<b>197.1</b>	14.2	1	591	4	200.5	194.8	176.8	203.7	216.7	190.3
Nuseed	9304VT2P	VT2P	AC,P2	93	<b>196.9</b>	15.6	1	588	8	203.1	185.4	187.4	199.3	200.1	<b>206.3</b>
ProSeed	1191VT2PRIB	VT2P,B	AC,P2	91	<b>196.8</b>	13.8	1	590	5	<b>220.3</b>	182.6	174.7	189.8	211.2	<b>201.9</b>
Wensman	W 90941STX	STX	AC,P5V	94	<b>196.8</b>	14.3	1	590	6	204.9	<b>197.1</b>	<b>193.6</b>	195.5	200.2	189.2
REA	4B941-RIB	VT2P,B	AC,P5V	94	196.3	15.1	1	588	9	220.0	188.6	185.2	196.9	215.0	171.8
Viking	VS91-591	VT2P,B	AC,P2	91	196.2	13.9	1	589	7	212.7	186.2	<b>196.2</b>	188.1	217.1	176.9
Titan Pro	2M95-2P	VT2P,B	AC,P2	95	196.2	15.4	1	587	10	208.6	193.6	184.6	<b>206.9</b>	200.7	182.9
Latham	LH4242VT2PRORIB	VT2P,B	AC,P5V	92	196.2	15.4	1	587	11	211.0	193.4	<b>190.4</b>	<b>209.6</b>	183.7	188.8
Federal	4540VT3P	VT3P	AC,P2	95	195.6	15.5	1	584	13	210.3	181.8	176.3	<b>208.8</b>	<b>218.7</b>	177.4
REA	4V953-RIB	VT3P,B	AC,P5V	95	195.1	14.0	1	585	12	210.3	195.3	174.5	198.5	201.4	190.5
Thunder	7993VT2PRIB	VT2P,B	AC,P2	93	194.9	15.2	1	584	14	209.8	181.7	186.1	191.4	207.7	192.7
Renk	RK568VT3P	VT3P,B	AC,P2	95	193.9	15.2	1	581	15	<b>224.8</b>	184.8	162.6	200.2	198.2	192.8
Viking	E52-95R	VT2P,B	AC,P2	95	193.9	15.4	2	580	16	200.2	188.0	176.4	195.2	216.5	187.3
Federal	4440VT3PRIB	VT3P,B	AC,P2	94	193.6	15.2	2	580	17	213.8	178.9	174.3	198.5	211.7	184.1
Wensman	W 80952VT2RIB	VT2P,B	AC,P5V	95	193.3	15.0	1	580	18	212.3	181.2	161.5	200.0	210.9	193.9
Stine	R9209VT2Pro	VT2P,B	AC,P2	92	192.5	15.2	1	577	19	189.9	180.3	<b>196.8</b>	196.8	202.8	188.4
Latham	LH4455VT3PRORIB	VT3P,B	AC,P2	94	192.1	15.0	2	576	20	205.0	181.7	187.8	202.0	202.5	173.6
Titan Pro	TP 48-93 2P	VT2P,B	AC,P2	93	191.5	15.2	1	574	21	208.2	162.0	<b>190.5</b>	186.5	217.0	184.8
Terning Seeds	TS8199VT2P	VT2P	CM,C2	91	191.2	15.4	1	572	23	219.4	169.5	185.7	190.2	202.3	179.9
AgVenture/Scherr	VPmx RL4616HBW^	HX,RR2	MQ,P5	94	190.9	14.0	1	573	22	201.1	175.5	181.3	201.4	197.3	189.0
Latham	LH4098VT3PRORIB	VT3P,B	AC,P2	90	190.3	13.5	1	571	24	<b>232.3</b>	170.1	167.7	179.9	190.1	<b>201.7</b>
REA	4B285-RIB	VT2P,B	AC,P5V	93	189.7	14.2	1	569	25	201.7	183.4	170.0	186.3	204.9	192.0
Dekalb	DKC43-48RIB GC	VT3P,B	AC,P2	93	188.2	13.9	1	565	26	212.9	177.3	176.3	184.4	196.4	181.6
REA	4A942-RIB	STX,B	AC,P5V	94	187.6	14.5	1	563	27	204.7	171.0	185.1	188.8	193.5	182.4
Latham	LH4568VT3PRORIB	VT3P,B	AC,P2	95	187.6	15.0	1	563	28	201.9	160.4	173.2	190.8	211.6	187.8
Titan Pro	2M91-2P	VT2P,B	AC,P2	91	187.3	13.8	1	562	29	210.8	158.5	177.6	182.6	207.6	186.4
Renk	RK522SSTX	STX,B	AC,P2	94	186.8	14.9	2	560	30	188.7	182.6	179.5	181.3	201.2	187.2
Pioneer	P9834AMX CK	AMX,B	MQ,C2	98	182.2	14.5	2	547	37	195.8	164.3	163.6	189.2	208.3	171.9

Test Average =	<b>187.2</b>	<b>14.7</b>	<b>1</b>	<b>561</b>		<b>202.4</b>	<b>176.3</b>	<b>174.5</b>	<b>188.9</b>	<b>201.2</b>	<b>179.9</b>
LSD (0.10) =	9.4	0.5	ns			17.8	20.5	14.5	16.5	17.4	19.8
LSD (0.25) =	6.6	0.4	ns			12.4	14.3	10.1	11.5	12.1	13.8

Mark Tollefson

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

Yield & Income Factors Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.00 - Local GMO \$3.00 - Non-GMO

† See last page for additional information. Dark shaded 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 test grain moisture limit. **ns** = not significantly different; ‡ = 2 reps.

Report date: 11/7/2014 Revised: Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com).

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2014 Corn Grain Top 30 Performance Summary for South Dakota Northeast [ SDNE ]



Full-Season Test

96 - 100 Day CRM

B2014SDNEb

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For Gross Income (Sorted by Yield), (18) Replication Average

Company/Brand	Product/Brand†	Technol.†	Seed Trmt.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income		Bath	Clear Lake			Watertown		
								\$/A	Rank		Cavour	Howard	Webster			
Pioneer	P9917AMX GC	AMX,B	MQ,C2	99	<b>192.9</b>	15.6	1	576	1	199.4	180.4	173.2	204.8	197.8	<b>202.0</b>	
Dyna-Gro	D37SS60	STX	AC,P5V	97	<b>192.5</b>	15.6	1	575	2	198.3	181.5	165.1	207.6	<b>213.2</b>	189.5	
Latham	LH4859SSRIB	STX,B	AC,P5V	98	<b>191.0</b>	16.1	1	568	3	202.2	166.2	<b>176.5</b>	209.8	201.8	189.7	
Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100	<b>190.9</b>	16.2	1	567	4	196.7	168.7	<b>181.9</b>	200.8	205.8	191.7	
Viking	VS96-578	VT3P,B	AC,P2	96	189.5	15.3	1	567	5	196.4	177.3	169.7	205.6	199.7	188.1	
REA	5A992-RIB	STX,B	AC,P5V	99	189.4	15.6	1	565	6	203.3	176.0	168.9	198.9	201.4	187.9	
King	5800-3000GTA	3011A	CM,C2	98	188.3	16.3	2	559	7	189.6	<b>200.2</b>	164.2	189.0	187.2	199.7	
Dekalb	DKC47-35RIB GC	STX,B	AC,P5V	97	188.3	16.7	1	557	9	194.7	165.0	<b>178.6</b>	203.4	200.2	187.6	
Prairie Brand	4895GT3	3000GT	CM,C2	98	187.8	16.2	1	558	8	194.1	178.6	168.3	198.8	204.4	182.6	
ProSeed	1399-3000GT	3000GT	CM,C2	99	187.4	16.2	2	557	10	<b>212.0</b>	188.8	164.2	174.3	<b>206.9</b>	178.3	
Dyna-Gro	D39VP14	VT3P	AC,P5V	99	186.9	16.6	1	553	13	204.8	172.7	164.9	197.4	194.8	186.8	
AgVenture/Scherr	VPmx RL5718HBW^	HX,RR2,AQ	MQ,P5	99	186.7	16.6	3	553	14	178.6	182.3	164.5	<b>211.5</b>	194.2	189.0	
Renk	RK596SSTX	STX	AC,P2	98	185.6	15.9	1	553	15	191.6	162.1	169.9	195.4	202.9	191.5	
Thunder	7396VT2PRIB	VT2P,B	AC,P2	96	185.5	14.4	1	557	11	191.0	176.7	165.9	194.4	192.7	192.1	
REA	4A972-RIB	STX,B	AC,P5V	97	185.4	15.1	1	556	12	201.8	178.4	156.1	202.3	187.5	186.0	
Federal	4640VT3P	VT3P	AC,P2	96	185.3	15.8	2	552	16	197.2	165.4	166.4	193.7	<b>211.8</b>	177.1	
Renk	RK605SSTX	STX	AC,P2	100	184.8	16.0	1	550	18	204.8	174.0	164.0	206.1	192.0	167.6	
Curry	417-91 GC	HXT,RR2	MQ,P5V,R	97	184.8	15.9	2	550	19	194.0	169.2	168.3	191.5	197.4	188.1	
Wensman	W 90967STXRIB	STX,B	AC,P5V	96	184.4	15.5	1	551	17	189.7	160.6	<b>179.0</b>	204.7	198.6	173.7	
REA	5A993-RIB	STX,B	AC,P5V	99	184.2	16.0	1	548	21	186.5	173.5	175.7	188.3	179.1	<b>202.0</b>	
Nuseed	3014VT2P	VT2P	AC,P2	101	183.9	16.7	2	544	27	188.5	175.7	164.5	204.0	188.6	182.1	
Dekalb	DKC48-12RIB GC	STX,B	AC,P5V	98	183.5	15.1	1	550	20	192.0	178.8	153.5	196.4	193.1	186.9	
Federal	5050SSTAX	STX	AC,P5V	100	183.5	15.6	1	548	22	197.8	176.1	165.1	192.8	195.3	173.9	
Wensman	W 70975VT3PRIB	VT3P,B	AC,P5V	97	183.2	15.4	1	548	23	196.7	171.3	173.5	186.1	192.3	179.2	
Titan Pro	1M96-3P	VT3P	AC,P2	96	182.5	16.0	1	543	29	195.9	142.7	160.2	197.1	203.2	195.7	
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98	182.0	13.8	1	546	24	198.9	169.1	137.6	193.5	205.5	187.2	
Channel	199-29STXRIB GC	STX,B	AC,P5V	99	182.0	15.0	1	546	25	187.1	160.0	<b>178.4</b>	201.8	190.1	174.3	
Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98	181.7	15.0	1	545	26	192.7	163.7	149.7	210.6	176.1	197.1	
Wensman	W 90979STX	STX	AC,P5V	97	181.6	15.7	1	542	30	195.2	167.4	167.5	206.6	172.8	180.2	
Latham	LH4645VT2PRORIB	VT2P,B	AC,P5V	96	181.2	14.7	1	544	28	191.5	175.6	160.6	184.8	197.9	176.8	
Pioneer	P9834AMX CK	AMX,B	MQ,C2	98	174.9	14.6	1	525	46	187.4	175.4	145.4	208.8	177.9	154.4	
					Test Average =	<b>181.5</b>	<b>15.6</b>	<b>1</b>	<b>541</b>		<b>192.0</b>	<b>169.7</b>	<b>160.1</b>	<b>194.7</b>	<b>191.5</b>	<b>180.7</b>
					LSD (0.10) =	9.1	0.6	1			13.8	20.7	15.9	16.5	15.3	20.9
					LSD (0.25) =	6.4	0.4	1			9.6	14.4	11.1	11.5	10.7	14.5

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Yield & Income Factors      Base Moisture = 15.0%      Shrink = 1.3      Drying = \$0.025      Prices = \$3.00 - Local GMO      \$3.00 - Non-GMO

† See last page for additional information. 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 test grain moisture limit. **ns** = not significantly different; ‡ = 2 reps.

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## 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 Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMMaxx® 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®, VPMMaxx® 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 F.I.R.S.T. when space permits.

### Corn Technologies\*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXRW	Herculex® rootworm, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	LL	LibertyLink®
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	None	conventional corn
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIsect® (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)
B	Blended seed (i.e. refuge blend)	VT2P	Genuity® VT Double Pro®
CB/LL	Agrisure® CB/LL	VT3	YieldGard VT Triple®
CB/LL/RW	Agrisure® CB/LL/RW	VT3P	Genuity® VT Triple Pro®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer

\* The refuge component genetics may vary in a refuge blend seed product.

### Corn Seed Treatments\*\*

?	information not provided	D	Dynasty® (azoxystrobin)	SStd	SureStand™
A	Allegiance®	Es	Escalate®	St	Stamina® (pyraclostrobin)
AC	Acceleron® fungicide products	M	Maxim XL®	T	Trilex® (trifloxystrobin)
AVC	Avicta® Complete Corn	MQ	Maxim Quattro®	V	Votivo®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	None	untreated	Z	zinc
CE	Cruiser Xtreme®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively		
CM	CruiserMaxx® Corn	R	Raxil® (tebuconazole)		

\*\* Seed treatments may include unspecified plant health promoting components.