

2014 Corn Grain Top 30 Performance Summary for South Dakota Southeast [ SDSE ]



Early-Season Test

98 - 102 Day CRM

B2014SDSEa

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		Beresford		Colton		Flandreau	
								\$/A	Rank	Chancellor	Ethan	Salem			
REA	5A992-RIB	STX,B	AC,P5V	99	215.6	16.1	1	641	1	213.0	246.6	223.0	191.6	194.2	225.2
REA	5A029-RIB	STX,B	AC,P5V	102	214.2	16.2	2	636	2	219.3	236.0	221.4	192.9	183.6	231.7
LG Seeds	LG5502STX	STX	AC,P5V	102	212.0	17.2	1	624	3	207.4	240.2	222.4	190.5	177.4	233.8
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	211.1	17.3	1	621	4	217.4	239.5	204.5	220.6	174.8	209.9
Wensman	W 7320VT3PRIB	VT3P,B	AC,P5V	101	209.9	18.0	1	614	8	208.0	231.8	211.2	193.9	190.2	224.1
Federal	5050SSTAX	STX	AC,P5V	100	208.0	15.8	1	620	5	194.8	237.9	212.1	185.4	190.8	226.9
Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100	207.9	16.0	1	619	6	197.1	230.0	227.6	193.6	182.4	216.9
Heine	735STX	STX	AC,P2	102	207.5	15.9	1	618	7	187.2	248.7	215.3	189.8	182.9	220.9
Dyna-Gro	D41SS71	STX	AC,P5V	101	207.5	16.6	1	614	9	207.6	232.9	226.5	193.0	164.4	220.5
Latham	LH4859SSRIB	STX,B	AC,P5V	98	205.5	15.8	1	612	10	188.8	239.5	214.9	173.5	191.9	224.4
AgVenture	VPmx RL6283HBAW^	OT	MQ,P1	102	205.3	17.1	1	605	15	201.9	213.9	210.5	197.4	173.5	234.6
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	205.3	17.6	1	603	16	211.2	225.7	209.0	196.6	175.3	214.0
Dyna-Gro	CX14203	STX	AC,P5V	103	204.9	18.2	1	598	19	211.7	241.2	202.3	194.9	172.6	206.5
Renk	RK605SSTX	STX	AC,P2	100	204.6	16.0	1	609	11	184.0	245.5	213.0	187.3	181.7	216.1
REA	5A022-RIB	STX,B	AC,P5V	102	204.2	15.9	1	608	13	220.9	251.9	212.1	192.8	151.6	195.7
ProSeed	1399-3000GT	3000GT	CM,C2	99	204.2	16.1	1	607	14	188.8	231.5	210.4	188.5	190.1	216.0
Latham	LH5145VT2PRODGRIB	VT2P,DG,B	AC,P5V	101	203.9	15.6	2	609	12	200.8	243.9	212.7	185.8	171.0	208.9
Latham	LH5215VT2PRORIB	VT2P,B	AC,P2	102	203.5	19.1	1	590	28	180.1	234.1	217.6	202.6	181.0	205.6
Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102	203.4	17.2	1	599	17	203.9	232.3	219.1	185.5	173.1	206.4
Renk	RK633SSTX	STX,B	AC,P2	101	202.0	16.7	1	597	23	186.2	212.5	202.9	194.6	189.8	226.1
Wensman	W 91011STXRIB	STX,B	AC,P5V	101	201.9	16.4	1	599	18	188.2	229.7	210.0	206.2	162.9	214.6
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	201.7	16.4	1	598	20	184.6	228.7	217.0	193.9	185.6	200.6
Renk	RK666SSTX	STX,B	AC,P2	102	201.7	17.3	1	594	26	180.9	236.8	203.1	189.4	179.0	221.0
REA	5A993-RIB	STX,B	AC,P5V	99	201.4	16.7	1	596	25	197.4	232.2	214.0	185.8	164.5	214.4
Latham	LH4955VT2PRORIB	VT2P,B	AC,P5V	99	200.8	15.9	1	598	21	194.4	235.0	208.7	184.7	174.7	207.4
Federal	5140SSTAXRIB	STX,B	AC,P5V	101	200.8	16.6	1	594	27	207.2	223.0	203.1	183.4	185.4	202.8
Dekalb	DKC51-19RIB GC	VT3P,DG,B	AC,P2	101	200.1	15.7	1	597	24	190.1	224.4	203.8	193.5	174.9	213.9
ProSeed	13101SSRIB	STX,B	AC,P2	101	199.4	16.7	1	590	29	186.4	225.7	200.9	185.4	180.8	217.4
Pfister	1740SS	STX	AC,P5	98	199.4	17.1	1	588	31	197.1	230.7	209.5	184.9	163.7	210.3
Prairie Brand	4895GT3	3000GT	CM,C2	98	198.8	16.3	1	590	30	191.5	218.2	191.0	193.0	196.3	202.7
Dekalb	DKC53-56RIB CK	STX,B	AC,P5V	103	202.1	16.8	1	597	22	192.7	230.9	210.0	193.3	172.3	213.4

Test Average =	199.3	16.7	1	589	189.7	226.2	205.0	189.0	175.5	210.2
LSD (0.10) =	9.8	0.8	1		26.6	19.4	16.0	13.7	15.0	17.1
LSD (0.25) =	6.9	0.6	0		18.5	13.5	11.1	9.5	10.5	12.0

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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 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 Southeast [ SDSE ]



Full-Season Test

103 - 107 Day CRM

B2014SDSEB

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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		Beresford		Colton		Flandreau	
								\$/A	Rank	Chancellor	Ethan	Salem			
Curry	627-44	HX,RR2,AQ	MQ,P5V,R	107	<b>220.2</b>	18.2	1	643	1	222.1	<b>248.4</b>	205.7	<b>208.7</b>	196.5	<b>239.7</b>
Latham	LH5715VT2PRORIB	VT2P,B	AC,P2	107	<b>215.8</b>	20.4	1	618	7	219.5	<b>242.7</b>	202.8	<b>211.8</b>	191.8	226.4
Prairie Brand	5815SX	STX	CM,C2	107	<b>215.6</b>	20.2	1	619	6	<b>235.5</b>	237.0	207.6	193.6	194.5	225.5
Heine	744VT3PRORIB	VT3P,B	AC,P2	104	211.9	15.8	2	631	2	193.8	212.4	<b>231.1</b>	206.9	194.9	<b>232.0</b>
Channel	205-19STXRIB	STX,B	AC,P5V	105	211.8	17.1	1	624	4	207.2	227.8	222.5	196.8	<b>202.0</b>	214.5
Titan Pro	2M04-2P	VT2P,B	AC,P2	104	211.5	19.2	1	612	11	214.1	224.2	201.8	201.7	<b>208.7</b>	218.5
REA	6A032-RIB	STX,B	AC,P5V	103	211.3	18.3	1	616	8	210.6	223.9	215.9	196.3	184.5	<b>236.6</b>
Latham	LH5659SSRIB	STX,B	AC,P5V	106	211.0	19.7	1	608	15	215.3	238.5	208.2	196.8	185.4	221.6
NuTech/G2 Gen	5Z-707^	OI,AQ	MQ,P1V,R	107	210.2	17.7	1	616	9	185.1	223.2	217.0	201.8	<b>211.5</b>	222.4
LG Seeds	LG5523STX	STX	AC,P5V	105	209.6	18.5	1	610	13	201.8	234.4	223.3	192.4	191.8	213.8
REA	6A071-RIB	STX,B	AC,P5V	107	209.3	20.2	1	601	19	194.2	232.8	217.0	197.3	199.4	214.8
Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105	209.1	19.6	1	603	16	201.0	235.1	205.6	194.4	195.0	223.2
Federal	5530VT3P	VT3P	AC,P2	105	208.9	15.6	2	624	5	190.5	232.0	205.4	207.9	200.0	217.6
Pfister	2399GT3000	3000GT	CM,C2	104	207.4	16.7	4	613	10	193.2	222.2	215.6	208.0	187.9	217.5
King	6707GT	GT	CM,C2	103	207.2	16.8	3	612	12	215.7	218.2	204.4	204.4	184.1	216.6
Wensman	W 91073STXRIB	STX,B	AC,P5V	107	207.2	18.9	1	601	20	221.1	222.3	222.4	195.8	183.0	198.7
Curry	726-56AM	AM,B	MQ,P5V,R	106	206.9	18.8	2	601	21	221.5	227.5	185.3	193.1	192.1	221.7
NuTech/G2 Gen	5H-806^	HX,RR2	CM,C2	106	206.3	18.5	1	601	22	208.8	220.1	213.2	189.5	182.1	223.9
Titan Pro	TP 37-06 SS	STX,B	AC,P5V	106	206.3	19.7	1	595	26	191.8	224.2	<b>233.1</b>	188.7	192.6	207.3
Channel	203-88STXRIB	STX,B	AC,P5V	103	206.2	16.9	1	609	14	191.4	219.4	<b>226.8</b>	185.8	190.6	222.9
Pfister	2447SS	STX	AC,P5	106	206.2	18.5	1	601	23	217.0	224.3	198.3	198.9	188.1	210.3
Latham	LH5744-3000GT	3000GT	AVC,C2	107	206.0	20.1	1	592	28	197.8	228.1	212.6	196.1	179.7	221.7
Dairyland	DS6805	STX	CM,C2	105	205.7	18.1	2	601	24	204.4	225.5	207.5	198.5	182.7	215.7
Wensman	W 7330VT3PRIB	VT3P,B	AC,P5V	104	205.2	17.6	1	602	17	208.1	233.0	200.0	203.9	179.0	207.4
REA	6A062-RIB	STX,B	AC,P5V	106	205.0	17.6	1	602	18	188.7	225.0	222.1	187.0	184.9	222.5
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	204.7	19.1	1	593	27	190.6	235.0	205.7	197.1	193.0	207.0
Prairie Brand	1041RA	STX,B	CM,C2	104	204.6	18.2	1	597	25	223.0	203.6	206.7	194.2	185.5	214.7
Renk	RK699SSTX	STX,B	AC,P2	105	204.5	19.6	1	590	31	190.3	228.5	213.8	184.6	<b>204.2</b>	205.5
Renze	3255RA	STX,B	AC,P5	107	203.3	18.7	1	591	30	205.7	212.3	198.6	187.3	200.6	215.4
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106	203.2	18.4	1	592	29	189.6	216.7	221.6	198.5	185.7	206.8
Dekalb	DKC53-56RIB CK	STX,B	AC,P5V	103	<b>214.0</b>	17.3	1	630	3	222.0	221.2	217.0	189.5	<b>209.6</b>	224.9

Test Average =	<b>203.8</b>	<b>18.7</b>	<b>1</b>	<b>592</b>	<b>200.3</b>	<b>221.9</b>	<b>207.7</b>	<b>193.5</b>	<b>187.3</b>	<b>212.3</b>
LSD (0.10) =	9.6	0.8	1		28.4	18.4	17.4	15.1	14.3	18.5
LSD (0.25) =	6.7	0.6	1		19.8	12.9	12.1	10.5	10.0	12.9

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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.