

2016 Corn Grain Top 30 Performance Summary for South Dakota Southeast [SDSE]



Early-Season Test

98 - 102 Day CRM

B2016SDSEa

Top 30 of 45

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/A Rank		Beresford	Colton, West		Howard		
										Colton	Flandreau		Salem	
NuTech/G2 Gen	5K-702^	OIXT	102	231.6	17.8	1	679	1	204.1	250.2	263.2	271.9	221.0	179.2
NuTech/G2 Gen	5Z-601^	OI,AQ	101	225.4	17.1	1	664	3	180.6	260.2	254.3	251.9	214.7	190.6
Dairyland	DS-9599	3000GT	99	223.7	17.8	1	655	5	186.8	233.4	258.7	248.8	200.4	213.8
NuTech	5N-800	3011,A	100	223.1	17.8	1	654	6	184.8	233.1	263.8	251.5	204.9	200.5
Mustang	5700GENVT2P	VT2P	100	222.8	17.0	1	657	4	164.1	254.6	260.9	262.5	200.8	194.0
Curry	XC-1500YHR	OI,AQ	100	221.5	17.1	1	653	7	164.0	238.5	276.1	264.9	207.6	178.0
Prairie Brand	4895GT3	3000GT	98	220.6	17.7	1	647	9	190.5	233.3	256.8	250.7	181.9	210.4
Titan Pro	TP 65-00 2P	VT2P,DG	100	220.2	17.2	1	648	8	181.7	250.0	260.9	247.9	179.7	200.7
Renk	RK608DGV2P	VT2P,DG	100	219.1	17.2	1	645	10	173.5	242.0	252.6	255.2	203.3	187.9
Pfister	61C1VX	HXT,RR2	101	218.6	17.9	1	640	11	170.5	245.3	263.0	252.9	185.0	194.9
Latham	LH5099SS	STX	100	218.3	17.8	1	640	12	194.8	234.1	254.4	256.0	194.8	175.8
Dairyland	DS-9701RA	STX,B	101	216.9	17.3	1	638	13	170.4	240.1	259.8	252.2	180.7	198.4
Pfister	62A1VX	HXT,RR2	102	216.9	18.8	2	630	15	182.9	246.1	246.5	254.1	193.5	178.1
Heine	739VT2PRO	VT2P	102	216.6	19.5	1	625	18	169.4	244.9	242.3	257.6	182.3	203.0
Integra	4902GSS	STX	99	216.5	17.9	1	634	14	176.0	236.2	254.8	249.2	185.4	197.1
Mustang	6800GENSS	STX	100	214.7	17.8	1	629	16	165.6	238.6	245.9	248.2	201.5	188.1
NorthStar	NS100-531GENSS	STX	100	214.4	17.7	1	629	17	162.5	236.9	241.8	256.6	195.0	193.4
Integra	5243GSSRIB	STX,B	102	213.6	17.9	1	625	19	171.5	233.0	256.1	245.7	173.2	202.3
Pfister	60B1SSR	STX,B	100	212.7	17.6	1	624	21	175.5	240.9	246.8	244.3	192.9	176.0
NuTech	X5V-9901	3111,A	99	212.3	17.3	1	625	20	170.8	241.9	247.2	248.7	173.2	191.8
Heine	712VT2PRORIB	VT2P,B	100	211.7	17.2	1	623	22	179.4	240.0	249.1	248.1	169.4	184.4
Prairie Brand	5026RA	STX,B	100	211.7	17.7	1	621	23	177.6	241.6	244.5	246.9	188.6	170.8
REA	5A023-RIB	STX,B	102	211.7	18.2	1	618	25	162.9	238.5	261.4	246.3	179.5	181.5
Mustang	6701-3011A	3011,A	101	210.3	17.8	1	616	27	166.6	230.7	250.1	246.9	175.1	192.4
Dyna-Gro	D42SS61	STX	102	209.9	18.0	1	614	29	154.1	237.4	231.0	248.5	202.0	186.1
Renk	RK595SSTX	STX	99	209.3	17.3	1	616	28	149.8	226.6	241.9	253.9	199.9	183.6
Mustang	4298GENVT2PRIB	VT2P,B	98	209.2	16.4	1	620	24	161.4	224.5	256.6	247.1	184.6	181.0
Titan Pro	TP 54-98 2P	VT2P,B	98	209.0	17.0	1	617	26	164.2	238.7	251.9	248.4	162.5	188.2
Pfister	1740RASS	STX,B	98	208.6	17.2	1	614	30	157.3	229.3	244.5	250.5	182.0	187.8
Latham	LH4955VT2ProRIB	VT2P,B	99	208.0	17.3	1	612	31	154.4	250.1	252.4	241.8	160.3	188.8
Dekalb	DKC52-84RIB CK	STX,B	102	228.0	17.5	1	670	2	176.0	249.4	268.0	270.6	197.7	206.5
Averages =				212.6	17.6	1	624		168.5	237.8	248.6	248.8	184.4	187.3
LSD (0.10) =				9.3	0.4	0			21.5	16.3	20.9	11.3	21.8	18.5
LSD (0.25) =				6.5	0.3	0			15.0	11.4	14.6	7.9	15.2	12.9
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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.00 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.

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2016 Corn Grain Top 30 Performance Summary for South Dakota Southeast [SDSE]



Full-Season Test

103 - 107 Day CRM

B2016SDSEB

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For Gross Income (Sorted by Yield), (16) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/A	Rank	Beresford	Colton	Colton, West‡	Flandreau	Howard	Salem‡
NuTech/G2 Gen	5F-504^	AM,B	104	236.5	19.4	1	683	2	205.4	255.4	280.3	258.9	213.6	205.2
Integra	5776GSSRIB	STX,B	107	236.2	19.9	1	680	3	210.1	254.4	281.1	250.0	195.3	226.2
REA	6A050-RIB	STX,B	105	234.8	19.7	1	677	4	207.5	258.1	265.8	253.2	197.3	226.6
NuTech/G2 Gen	5Z-503^	OI	103	234.6	18.1	1	686	1	210.1	260.4	271.2	255.9	209.1	200.9
Heine	790VT2PRORIB	VT2P,B	107	232.1	20.8	1	663	6	205.9	240.6	269.8	257.6	227.2	191.5
Dairyland	DS-9403	STX	103	231.0	19.6	2	666	5	204.1	244.3	249.9	257.2	207.7	222.9
NorthStar	NS104-167GENSSRIB	STX,B	104	230.2	19.9	1	662	7	226.7	261.6	253.0	247.8	192.5	199.5
Heine	754STX	STX	105	229.5	19.6	1	662	8	216.2	235.2	292.8	243.2	189.0	200.8
Titan Pro	TP 53-03 2P	VT2P,B	103	229.0	19.3	1	662	9	214.2	261.4	269.5	248.6	198.3	182.0
Titan Pro	TP 56-06 3110	3110	106	228.4	20.3	1	655	13	218.6	236.2	245.1	254.4	198.7	217.3
Thunder	Exp 105	STX	105	227.9	19.0	1	661	10	208.4	250.6	247.7	242.0	199.9	218.5
King Seed	7106-3111	3111	106	227.5	20.4	1	652	16	223.7	238.3	232.6	262.6	198.7	208.8
NuTech/G2 Gen	X5Z-0606^	OI	106	227.1	19.4	1	656	11	210.1	247.3	259.5	256.2	193.4	196.0
NuTech	5N-607	3000GT	107	227.0	21.9	1	642	24	227.5	245.7	227.2	258.8	200.3	202.4
Latham	LH5509SSRIB	STX,B	105	226.8	20.4	1	650	19	197.6	250.6	278.6	250.0	171.9	212.3
Pfister	2545RASS	STX,B	107	226.8	21.2	1	645	20	211.5	237.3	261.3	253.5	197.5	199.7
Mustang	8805GENSS	STX	105	225.2	19.0	1	653	15	211.7	242.8	272.7	232.1	198.7	192.9
Dyna-Gro	D45SS65	STX	105	224.6	19.1	1	651	17	182.2	235.9	275.6	241.8	192.8	219.0
Channel	202-20STXRIB	STX,B	102	223.6	18.6	1	651	18	198.4	236.1	258.5	244.4	189.8	214.6
Renk	RK675DGV2P	VT2P,DG,B	103	223.4	17.8	1	655	14	193.4	226.3	252.5	246.9	199.9	221.5
Latham	EX5339SS	STX	103	223.3	19.5	1	645	21	196.3	247.1	265.1	242.7	191.9	196.8
NorthStar	D91-06RL	STX,B	106	223.3	20.6	1	639	28	210.1	251.0	252.2	255.0	178.1	193.1
NuTech/G2 Gen	5F-906^	AM,B	106	222.8	20.2	1	639	29	191.1	245.9	266.2	259.5	190.0	184.0
REA	6A033-RIB	STX,B	103	222.4	19.7	1	641	26	200.5	246.0	258.6	252.7	193.1	183.2
Renk	RK717SSTX	STX	105	222.0	19.1	1	643	23	197.2	250.8	248.8	232.7	195.0	207.4
Integra	5562GSSRIB	STX	105	221.5	19.4	1	640	27	210.3	223.9	254.9	244.8	190.9	203.9
Thunder	7603SSRIB	STX,B	103	221.3	18.6	1	644	22	209.5	239.2	256.6	248.9	193.0	180.8
Heine	744VT3PRORIB	VT3P,B	104	220.4	18.5	1	642	25	222.4	249.0	237.3	237.1	203.0	173.4
Pfister	X14503VX	HXT,RR2	103	220.4	20.1	1	633	31	210.9	247.1	225.5	252.7	184.6	201.7
Dekalb	DKC54-38RIB GC	STX,B	104	219.9	19.2	1	637	30	197.6	225.8	261.7	244.9	202.0	187.5
Dekalb	DKC52-84RIB CK	STX,B	102	224.4	18.0	1	656	12	185.2	236.7	266.1	264.5	209.5	184.4
Averages =				222.6	19.8	1	641		202.4	239.8	252.6	249.2	194.6	196.8
LSD (0.10) =				11.6	0.8	1			20.2	21.0	18.6	11.5	19.7	22.9
LSD (0.25) =				8.1	0.5	0			14.1	14.6	12.9	8.0	13.7	16.1

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Previous years average yield for region, 173.4 bu/a, 15 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.00 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.

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Early-Season Test Products (45 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Curry	XC-1500YHR	OI,AQ	MQ,P1V,R	100
Dairyland	DS-9599	3000GT	CM,C5,Vi,In	99
Dairyland	DS-9701RA	STX,B	CM,C2	101
Dairyland	DS-9802	STX	CM,C5,Vi,In	102
Dekalb	DKC52-84RIB CK	STX,B	AC,P5V	102
Dyna-Gro	D42SS61	STX	AC,P5V	102
Heine	637VT2PRO	VT2P	AC,P2	99
Heine	712VT2PRORIB	VT2P,B	AC,P2	100
Heine	739VT2PRO	VT2P	AC,P2	102
Integra	4902GSS	STX	AC,P5V	99
Integra	5243GSSRIB	STX,B	AC,P2	102
Latham	LH4955VT2ProRIB	VT2P,B	AC,P2	99
Latham	LH5099SS	STX	AC,P5V	100
Latham	LH5109SSRIB	STX,B	AC,P5V	101
Latham	LH5215VT2ProRIB	VT2P,B	AC,P2	102
Mustang	4298GENVT2PRIB	VT2P,B	AC,P2	98
Mustang	5700GENVT2P	VT2P	AC,P2	100
Mustang	6701-3011A	3011,A	CM,C2	101
Mustang	6800GENSS	STX	AC,P5V	100
NorthStar	NS100-531GENSS	STX	AC,P2	100
NorthStar	NS102-168DGV2P	VT2P,DG	AC,P2	102
NuTech	5N-800	3011,A	MQ,P5V,R	100
NuTech	X5V-9901	3111,A	AVC,C2,Vi	99
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102
NuTech/G2 Gen	5K-702^	OIXT	MQ,P1V,R	102
NuTech/G2 Gen	5Z-601^	OI,AQ	MQ,P1V,R	101
NuTech/G2 Gen	X5Z-9902^	OI	MQ,P1V,R	99
Pfister	1740RASS	STX,B	CM,C5,Vi,In	98
Pfister	60B1SSR	STX,B	CM,C5,Vi,In	100
Pfister	61C1VX	HXT,RR2	CM,C5,Vi,In	101
Pfister	62A1VX	HXT,RR2	CM,C5,Vi,In	102
Prairie Brand	4895GT3	3000GT	CM,C5,Vi,In	98
Prairie Brand	5026RA	STX,B	CM,C5,Vi,In	100
Prairie Brand	5127SX	STX	CM,C5,Vi,In	101
REA	5A023-RIB	STX,B	AC,P5V	102
REA	5A982-RIB	STX,B	AC,P5V	98
Renk	RK595SSSTX	STX	AC,P5V	99
Renk	RK608DGV2P	VT2P,DG	AC,P2	100
Renk	RK612SSSTX	STX,B	AC,P5V	100
Renk	RK629VT3P	VT3P,B	AC,P2	101
Thunder	4600RR	RR2	AC,P2	100
Titan Pro	TP 54-98 2P	VT2P,B	AC,P2	98

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2016 Corn Grain - South Dakota Southeast [SDSE]



Full-Season Test Products (45 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Channel	202-20STXRIB	STX,B	AC,P5V	102
Dairyland	DS-9106	STX	CM,C5,Vi,In	106
Dairyland	DS-9204	STX	CM,C5,Vi,In	104
Dairyland	DS-9403	STX	CM,C5,Vi,In	103
Dekalb	DKC52-84RIB CK	STX,B	AC,P5V	102
Dekalb	DKC53-68RIB	STX,B	AC,P5V	103
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104
Dyna-Gro	D45S65	STX	AC,P5V	105
Heine	744VT3PRORIB	VT3P,B	AC,P2	104
Heine	754STX	STX	AC,P5V	105
Heine	790VT2PRORIB	VT2P,B	AC,P2	107
Integra	5562GSSRIB	STX	AC,P5V	105
Integra	5776GSSRIB	STX,B	AC,P5V	107
King Seed	7106-3111	3111	AVC,C2,Vi	106
Latham	EX5339SS	STX	AC,P5V	103
Latham	LH5509SSRIB	STX,B	AC,P5V	105
Latham	LH5659SSRIB	STX,B	AC,P5V	106
Latham	LH5715VT2ProRIB	VT2P,B	AC,P2	107
Mustang	8805GENSS	STX	AC,P5V	105
NorthStar	D91-06RL	STX,B	AC,P5V	106
NorthStar	NS104-167GENSSRIB	STX,B	AC,P5V	104
NuTech	5N-607	3000GT	MQ,P5V,R	107
NuTech	X5V-0707	3111	AVC,C2,Vi	107
NuTech/G2 Gen	5F-504^	AM,B	MQ,P5V,R	104
NuTech/G2 Gen	5F-906^	AM,B	MQ,P5V,R	106
NuTech/G2 Gen	5Z-503^	OI	MQ,P1V,R	103
NuTech/G2 Gen	X5Z-0606^	OI	MQ,P1V,R	106
Pfister	2385RASS	STX,B	CM,C5,Vi,In	104
Pfister	2545RASS	STX,B	CM,C5,Vi,In	107
Pfister	65B1VX	HXT,RR2	CM,C5,Vi,In	105
Pfister	X14503VX	HXT,RR2	CM,C5,Vi,In	103
Pioneer	P0760AMXT GC	AMXT,AQ,B	MQ,C2,Lu	107
Prairie Brand	5385RA	STX,B	CM,C5,Vi,In	103
Prairie Brand	5406SX	STX	CM,C5,Vi,In	104
Prairie Brand	5646SX	STX	CM,C5,Vi,In	106
REA	6A033-RIB	STX,B	AC,P5V	103
REA	6A050-RIB	STX,B	AC,P5V	105
Renk	RK666SSTX	STX,B	AC,P5V	102
Renk	RK675DGV2P	VT2P,DG,B	AC,P2	103
Renk	RK717SSTX	STX	AC,P5V	105
Renk	RK776SSTX	STX,B	AC,P5V	107
Thunder	7603SSRIB	STX,B	AC,P2	103

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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. HPT® brand seed is distributed by Hoegemeyer Hybrids, 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. VPMxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, Power Plus®, RPM®, Supreme EX®, VPMxx® 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
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Boreer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	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**

n/a	information not provided	CE	Cruiser Extreme®	M	Maxim XL®
A	Allegiance®	CM	CruiserMaxx® Corn	MQ	Maxim Quattro®
AC	Acceleron® fungicide products	D	Dynasty®	None	untreated
ACHD	Acceleron® fungicide products	Es	Escalate®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
At	Actellic®	In	Intego™ Solo	R	Raxil®
AVC	Avicta® Complete Corn	L	Lorsban®	V	Votivo®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Lu	Lumivia™	Vi	Vibrance®

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