

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	Moisture	Lodging	Gross Income		Beresford	Colton, West			Howard	
				Bu/A ↓	%	%	\$/A	Rank		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
										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.

Additional reports available at www.firstseedtests.com. ©2016, all rights reserved by Agronomic Seed Consulting, Inc.

Report Date: 11/11/2016 Revised:

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



Full-Season Test
103 - 107 Day CRM

B2016SDSEB

Top 30 of 45
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
										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.

Additional reports available at www.firstseedtests.com. ©2016, all rights reserved by Agronomic Seed Consulting, Inc.

Report Date: 11/11/2016 Revised:

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. VPMaxx® 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®, VPMaxx® 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®TRIssect (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.