

2017 Corn Grain Top 30 Performance Summary for South Dakota Southeast [SDSE]



Early-Season Test

98 - 102 Day CRM

B2017SDSEa

Top 30 of 54

For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Beresford	Flandreau		Howard c/s		Salem
				Bu/A ↓	%	%	\$/A	Rank		Colton	Howard c/c			
Mustang	5700VT2PDGRIB	VT2P,DG,B	100	233.8	17.6	2	686	1	212.3	276.0	245.7	200.1	235.1	257.7
Latham	LH5245VT2Pro	VT2P	102	233.2	17.5	1	685	2	191.4	276.8	244.7	208.0	245.0	277.0
Hefty	H5212VT2P	VT2P	102	232.9	17.5	2	684	3	204.1	279.5	239.1	206.4	235.3	253.7
Heine	739VT2PRO	VT2P	102	232.9	18.7	2	677	4	206.4	290.8	255.2	189.0	223.0	268.3
Latham	LH5025VT2ProDG	VT2P,DG	100	227.8	17.5	2	669	7	214.2	286.8	236.4	182.6	219.2	243.7
Titan Pro	TP 75-01 SS	STX	101	227.4	17.1	2	670	6	189.5	284.5	242.9	198.9	221.0	242.9
Dyna-Gro	D39DC43	VT2P,DG	99	227.2	17.7	3	666	8	210.5	262.9	238.9	192.3	231.3	237.7
LG Seeds	LG5494VT2P	VT2P	99	227.1	16.9	1	671	5	206.4	274.0	232.8	206.2	216.3	251.9
Heine	740VT2PRO	VT2P	102	227.0	17.7	2	666	9	191.9	265.3	240.0	201.3	236.4	251.9
NuTech/G2 Gen	5F-702^	AM,B	102	227.0	18.1	2	663	11	220.4	287.4	211.2	186.2	230.0	251.9
Hefty	H5003VT2PDGRIB	VT2P,DG,B	100	225.9	17.6	2	663	12	183.9	264.3	242.5	193.7	245.2	251.9
Pfister	60B1SSR	STX,B	100	225.7	17.4	2	664	10	196.6	259.8	231.6	200.4	240.3	242.9
Titan Pro	TP 65-00 2P	VT2P,DG	100	224.7	17.6	2	659	14	190.7	279.4	255.6	188.7	209.3	242.9
REA	5A023-RIB	STX,B	102	223.1	17.9	2	653	18	183.8	278.4	233.5	215.8	203.8	242.9
Prairie Brand	5148GT	GT	101	223.0	18.1	2	652	19	198.6	247.6	245.6	202.4	220.8	242.9
LG Seeds	LG5465VT2P	VT2P	97	222.3	17.3	2	654	17	202.0	250.1	237.8	204.4	217.0	237.5
Federal	4760VT2PRIB	VT2P,B	97	222.2	16.1	3	660	13	191.6	249.9	241.5	200.2	227.7	237.5
Thunder	6798VT2PRIB	VT2P,B	98	221.6	16.0	3	659	15	184.2	269.9	246.3	192.3	215.2	237.5
NuTech/G2 Gen	5F-601^	AM,AQ,B	101	221.6	18.3	1	647	24	201.4	277.5	220.2	182.1	226.8	237.5
Mustang	6800SSRIB	STX,B	100	221.4	17.5	2	650	20	190.8	252.1	243.5	196.2	224.6	237.5
Titan Pro	TP 71-98 2P	VT2P	98	220.5	17.2	1	649	21	201.1	258.1	244.7	180.9	217.6	237.5
Dairyland	DS-9701RA	STX,B	101	220.3	17.5	1	647	25	202.8	256.3	227.4	205.5	209.5	237.5
Renk	RK608DGV2P	VT2P,DG,B	100	220.0	17.5	2	646	26	195.6	271.3	234.7	188.9	209.6	237.5
Dairyland	DS-9599	3000GT	99	219.9	17.1	3	648	23	205.4	250.7	247.3	188.3	208.0	237.5
Federal	4880VT2P	VT2P	98	219.5	16.8	1	649	22	194.7	260.3	226.0	197.4	219.2	237.5
REA	5A001	STX,B	100	219.3	18.0	1	641	29	193.9	268.9	241.6	201.2	191.1	247.9
Hefty	H4912VT2P	VT2P	99	218.2	16.8	2	645	27	178.8	271.1	225.9	206.9	208.2	236.1
Mustang	7801SSRIB	STX,B	101	218.0	17.2	2	642	28	182.8	263.4	229.3	196.2	218.4	243.2
REA	5A982-RIB	STX,B	98	215.9	16.7	2	639	30	172.6	263.0	246.1	191.9	205.9	267.2
NuTech/G2 Gen	5F-198^	AM,B	98	214.4	15.9	2	638	31	193.1	242.6	217.9	193.0	225.2	39.3
Dekalb	DKC52-84RIB CK	STX,B	102	222.5	16.8	2	657	16	200.6	267.9	228.8	183.3	231.9	

Data Rejected - Not in Summary

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Averages =	219.1	17.4	2	644	192.0	262.4	233.6	192.5	215.0	233.4
LSD (0.10) =	8.1	0.2	1		17.7	19.3	12.6	14.5	20.1	68.6
LSD (0.25) =	4.3	0.1	1		6.3	10.1	6.6	7.6	10.6	47.7

Previous years average yield for region, 172.8 bu/a, 16 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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Revised:

2017 Corn Grain Top 30 Performance Summary for South Dakota Southeast [SDSE]



Full-Season Test

103 - 107 Day CRM

B2017SDSEB

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For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Beresford	Flandreau		Howard c/s		Salem
				Bu/A ↓	%	%	\$/A	Rank		Colton	Howard c/c			
REA	6B071-RIB	VT2P,B	107	231.4	22.2	2	653	6	213.9	291.1	262.8	193.1	196.1	256.0
Latham	LH5742RR	RR2	107	228.8	19.5	2	661	1	224.8	272.1	250.9	198.3	198.1	262.7
REA	6B063	VT2P,B	106	227.6	20.4	1	652	9	205.7	295.2	249.2	200.5	187.6	271.7
Latham	LH5635VT2Pro	VT2P	106	226.9	18.7	2	660	2	221.3	273.1	249.9	195.7	194.6	288.7
NuTech/G2 Gen	5F-504^	AM,B	104	226.4	18.8	6	658	3	206.8	286.6	255.4	190.9	192.1	265.5
Latham	EX5725VT2Pro	VT2P	107	225.3	19.2	2	652	10	207.1	255.0	244.1	214.8	205.6	260.9
REA	6A034	STX,B	103	224.9	18.5	1	655	5	206.0	269.5	246.1	209.6	193.1	260.9
Mustang	7803SSRIB	STX,B	103	224.1	17.5	2	658	4	189.9	270.8	253.1	206.0	200.7	260.9
NuTech/G2 Gen	X5FN-0306^	OI	103	223.6	18.2	2	653	7	208.1	286.1	240.9	191.1	191.7	260.9
Heine	775STXRIB	STX,B	107	223.4	18.0	2	653	8	213.0	267.5	239.0	207.1	190.6	260.9
Golden Harvest	G07F23-3111	3111	107	223.3	18.7	2	649	13	205.5	275.5	246.6	185.5	203.4	260.9
Mustang	8207VT2PRIB	VT2P,B	107	223.1	18.2	1	651	11	217.3	280.8	248.1	192.4	176.8	271.7
Pfister	66Y3PC	PC	106	222.1	19.3	4	642	18	207.3	278.8	229.7	201.7	193.1	260.9
Dairyland	DS-6106	RR2	106	221.8	19.1	3	643	17	212.1	260.5	234.8	196.3	205.2	260.9
Channel	203-01STXRIB GC	STX,B	103	221.7	17.5	2	651	12	212.3	254.6	247.0	192.2	202.2	260.9
Dyna-Gro	D44VC36	VT2P	104	221.4	18.1	1	647	14	198.6	267.2	250.0	196.7	194.5	260.9
Hefty	HCEXP10412	VT2P	104	220.1	18.0	1	644	16	185.2	269.3	255.2	199.2	191.4	260.9
Dyna-Gro	D45SS65	STX	105	220.0	17.5	3	646	15	211.8	262.3	228.5	209.7	187.9	260.9
Renk	RK726SSTX	STX	106	216.9	18.5	1	632	21	201.7	259.0	236.9	193.3	193.4	260.9
LG Seeds	LG5522VT2P	VT2P	103	216.6	18.7	2	630	23	185.4	253.7	237.4	195.5	210.9	240.9
LG Seeds	LG5554-3111	3111	108	216.5	18.6	1	630	24	201.5	262.7	234.3	198.5	185.5	260.9
Wyffels	W3078RIB	STX,B	106	216.4	18.0	1	633	20	179.6	252.5	245.4	195.6	208.8	260.9
Dekalb	DKC54-38RIB GC	STX,B	104	216.2	18.4	1	630	25	180.9	249.4	239.0	185.4	226.4	271.7
Wyffels	W4796RIB	VT2P,B	106	215.5	18.5	1	628	27	192.0	247.8	245.4	201.9	190.4	260.9
Wyffels	W2618RIB	STX,B	104	214.5	17.4	2	631	22	199.5	250.7	247.1	191.8	183.6	260.9
Mustang	8805SSRIB	STX,B	105	214.5	17.9	2	628	28	184.7	253.3	242.4	181.3	210.6	260.8
Hefty	H5504SSRIB	STX,B	105	214.1	17.4	3	629	26	214.0	248.3	237.9	168.8	201.5	260.0
NorthStar	NS104-167GENSSRIB GC	STX,B	104	214.1	18.9	4	621	31	197.1	258.3	233.2	184.8	197.0	256.5
Heine	752VT2PRO	VT2P	105	213.8	18.2	2	624	29	193.3	230.1	252.4	199.8	193.4	256.1
Hefty	H5502VT2PRIB	VT2P,B	105	211.8	17.6	1	622	30	193.9	237.1	237.0	197.2	194.0	273.1
Dekalb	DKC52-84RIB CK	STX,B	102	214.7	16.9	1	634	19	191.1	258.7	238.4	189.6	195.5	260.9

Data Rejected - Not in Summary

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Averages =	215.0	18.5	2	626	197.8	256.8	240.3	190.0	190.0	262.1
LSD (0.10) =	9.9	0.3	1		21.4	20.8	12.6	13.2	20.0	ns
LSD (0.25) =	5.2	0.2	1		11.2	10.9	6.6	6.9	10.5	ns

Previous years average yield for region, 172.8 bu/a, 16 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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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. VPM [®] 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 [®] , VPM [®] 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)	GT	Agrisure [®] GT
3010	Agrisure [®] 3010 (CB,LL,GT)	HX	Herculex [®] 1, contains LL
3011,A	Agrisure [®] Artesian [®] (CB,RW,LL,GT)	HXRW	Herculex [®] Rootworm, contains LL
3110	Agrisure [®] Viptera [®] 3110 (Vip, CB,LL,GT)	HXT	Herculex [®] Xtra (HX,HXRW,LL)
3111	Agrisure [®] Viptera [®] 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink [®]
3120	Agrisure [®] 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure [®] 3122 (CB,HXX,RW,LL,GT)	OI	Optimum [®] Intrasect [®] , YHR (YGCB,HX,LL,RR2)
3220	Agrisure [®] Viptera [®] 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum [®] Intrasect [®] Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure [®] Artesian [®]	OIXT	Optimum [®] Intrasect [®] Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum [®] AcreMax [®] (YGCB,HX,LL,RR2)	PC	PowerCore [™] (HX, VT2P)
AMT	Optimum [®] AcreMax [®] TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready [®] 2 Corn
AMX	Optimum [®] AcreMax [®] Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure [®] Rootworm
AMXT	Optimum [®] AcreMax [®] Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax [®] (VT3P,HXT,RR2,LL)
AQ	Optimum [®] AQUAMax [®]	VT2P	Genuity [®] VT Double PRO [®]
B	Refuge Blend	VT3P	Genuity [®] VT Triple PRO [®]
CB	Agrisure [®] Corn Borer	YGCB	YieldGard [®] Corn Borer
DG	Genuity [®] DroughtGard [®]		

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

Corn Seed Treatments**

?	information unavailable	CM	CruiserMaxx [®] Corn	None	untreated
A	Allegiance [®]	D	Dynasty [®]	P2, P5, P1	Poncho [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AC	Acceleron [®] fungicide products	Es	Escalate [®]	R	Raxil [®]
AL2500	Alert 2500 [™]	In	Intego [™] Solo	SC	SHIELDCoat [™]
At	Actellic [®]	L	Lorsban [®]	V	Votivo [®]
AVC	Avicta [®] Complete Corn	Lu	Lumivia [™]	Vi	Vibrance [®]
C2, C5, C1	Cruiser [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively	M	Maxim XL [®]		
CE	Cruiser Extreme [®]	MQ	Maxim Quattro [®]		

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