

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	Howard c/s		
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	241.0
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	251.3
Heine	740VT2PRO	VT2P	102	227.0	17.7	2	666	9	191.9	265.3	240.0	201.3	236.4	251.3
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	251.3
Hefty	H5003VT2PDGRIB	VT2P,DG,B	100	225.9	17.6	2	663	12	183.9	264.3	242.5	193.7	245.2	251.3
Pfister	60B1SSR	STX,B	100	225.7	17.4	2	664	10	196.6	259.8	231.6	200.4	240.3	241.0
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	241.0
REA	5A023-RIB	STX,B	102	223.1	17.9	2	653	18	183.8	278.4	233.5	215.8	203.8	241.0
Prairie Brand	5148GT	GT	101	223.0	18.1	2	652	19	198.6	247.6	245.6	202.4	220.8	241.0
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	RK608DGVT2P	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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Report Date: 11/16/2017

Revised:

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



Full-Season Test

103 - 107 Day CRM

B2017SDSEB

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	
				Bu/A ↓	%	%	\$/A	Rank	Colton	Howard c/c	Salem			
REA	6B071-RIB	VT2P,B	107	231.4	22.2	2	653	6	213.9	291.1	262.8	193.1	196.1	252.9
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	271.0
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	267.0
REA	6A034	STX,B	103	224.9	18.5	1	655	5	206.0	269.5	246.1	209.6	193.1	260.0
Mustang	7803SSRIB	STX,B	103	224.1	17.5	2	658	4	189.9	270.8	253.1	206.0	200.7	267.0
NuTech/G2 Gen	X5FN-0306^	OI	103	223.6	18.2	2	653	7	208.1	286.1	240.9	191.1	191.7	269.3
Heine	775STXRIB	STX,B	107	223.4	18.0	2	653	8	213.0	267.5	239.0	207.1	190.6	267.0
Golden Harvest	G07F23-3111	3111	107	223.3	18.7	2	649	13	205.5	275.5	246.6	185.5	203.4	267.0
Mustang	8207VT2PRIB	VT2P,B	107	223.1	18.2	1	651	11	217.3	280.8	248.1	192.4	176.8	273.1
Pfister	66Y3PC	PC	106	222.1	19.3	4	642	18	207.3	278.8	229.7	201.7	193.1	267.0
Dairyland	DS-6106	RR2	106	221.8	19.1	3	643	17	212.1	260.5	234.8	196.3	205.2	269.3
Channel	203-01STXRIB GC	STX,B	103	221.7	17.5	2	651	12	212.3	254.6	247.0	192.2	202.2	267.0
Dyna-Gro	D44VC36	VT2P	104	221.4	18.1	1	647	14	198.6	267.2	250.0	196.7	194.5	269.9
Hefty	HCEXP10412	VT2P	104	220.1	18.0	1	644	16	185.2	269.3	255.2	199.2	191.4	269.3
Dyna-Gro	D45SS65	STX	105	220.0	17.5	3	646	15	211.8	262.3	228.5	209.7	187.9	269.3
Renk	RK726SSTX	STX	106	216.9	18.5	1	632	21	201.7	259.0	236.9	193.3	193.4	269.3
LG Seeds	LG5522VT2P	VT2P	103	216.6	18.7	2	630	23	185.4	253.7	237.4	195.5	210.9	249.9
LG Seeds	LG5554-3111	3111	108	216.5	18.6	1	630	24	201.5	262.7	234.3	198.5	185.5	269.3
Wyffels	W3078RIB	STX,B	106	216.4	18.0	1	633	20	179.6	252.5	245.4	195.6	208.8	269.3
Dekalb	DKC54-38RIB GC	STX,B	104	216.2	18.4	1	630	25	180.9	249.4	239.0	185.4	226.4	273.1
Wyffels	W4796RIB	VT2P,B	106	215.5	18.5	1	628	27	192.0	247.8	245.4	201.9	190.4	269.3
Wyffels	W2618RIB	STX,B	104	214.5	17.4	2	631	22	199.5	250.7	247.1	191.8	183.6	269.3
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	269.3

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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Report Date: 11/16/2017

Revised:

Early-Season Test Products (54 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Dairyland	DS-9599	3000GT	CM,C5,Vi,In	99
Dairyland	DS-9701RA	STX,B	CM,C5,Vi,In	101
Dairyland	DS-9802RA	STX,B	CM,C5,Vi,In	102
Dekalb	DKC52-84RIB CK	STX,B	AC,P5V	102
Dyna-Gro	D39DC43	VT2P,DG	AC,P5V	99
Federal	4760VT2PRIB	VT2P,B	AC,P2	97
Federal	4770VT2PRIB	VT2P,B	AC,P2	97
Federal	4880VT2P	VT2P	AC,P5V	98
Federal	5060SSTAXRIB	STX,B	AC,P5V	100
Golden Harvest	G01D24-3120-EZR	3120,B	AVC,C2,Vi	101
Golden Harvest	G02W74-3000GT	3000GT	AVC,C2,Vi	102
Golden Harvest	G98L17-3000GT	3000GT	AVC,C2,Vi	98
Hefty	H4812VT2P	VT2P	AC,P2,In	98
Hefty	H4912VT2P	VT2P	AC,P2,In	99
Hefty	H5003VT2PDGRIB	VT2P,DG,B	AC,P2,In	100
Hefty	H5212VT2P	VT2P	AC,P2,In	102
Heine	637STX	STX	AC,P5V	99
Heine	712STXRIB	STX,B	AC,P5V	100
Heine	739VT2PRO	VT2P	AC,P5V	102
Heine	740VT2PRO	VT2P	AC,P5V	102
Latham	LH4919SS	STX	AC,P5V	99
Latham	LH5025VT2ProDG	VT2P,DG	AC,P5	100
Latham	LH5099SSRIB	STX,B	AC,P5V	100
Latham	LH5245VT2Pro	VT2P	AC,P5V	102
LG Seeds	LG5465VT2P	VT2P	AC,P5V	97
LG Seeds	LG5494VT2P	VT2P	AC,P5V	99
LG Seeds	LG5505STX	STX	AC,P5V	102
Mustang	5299VT2PRIB	VT2P,B	AC,P2	99
Mustang	5700VT2PDGRIB	VT2P,DG,B	AC,P2	100
Mustang	6800SSRIB	STX,B	AC,P2	100
Mustang	7801SSRIB	STX,B	AC,P2	101
NuTech	5N-800	3011,A	MQ,P5V,R	100
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V,R	98
NuTech/G2 Gen	5F-601^	AM,AQ,B	MQ,P5V,R	101
NuTech/G2 Gen	5F-702^	AM,B	MQ,P5V,R	102
NuTech/G2 Gen	5FN-7099^	OI	MQ,P1V,R	99
Pfister	1740RASS	STX,B	CM,C5,Vi,In	98
Pfister	1785GT3	3000GT	CM,C5,Vi,In	98
Pfister	60B1SSR	STX,B	CM,C5,Vi,In	100
Pfister	62A1SSR	STX,B	CM,C5,Vi,In	102
Prairie Brand	5148GT	GT	CM,C5,Vi,In	101
REA	5A001	STX,B	AC,P5V	100

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
REA	5A023-RIB	STX,B	AC,P5V	102
REA	5A981-RIB	STX,B	AC,P5V	98
REA	5A982-RIB	STX,B	AC,P5V	98
Renk	RK595SSTX	STX,B	AC,P5V	99
Renk	RK608DGV2P	VT2P,DG,B	AC,P2	100
Renk	RK612SSTX	STX,B	AC,P5V	100
Renk	RK629VT3P	VT3P,B	AC,P2	101
Thunder	4600RR	RR2	AC,P2	100
Thunder	6798VT2PRIB	VT2P,B	AC,P2	98
Titan Pro	TP 65-00 2P	VT2P,DG	AC,P2	100
Titan Pro	TP 71-98 2P	VT2P	AC,P2	98
Titan Pro	TP 75-01 SS	STX	AC,P5V	101

2017 Corn Grain - South Dakota Southeast [SDSE]



Full-Season Test Products (54 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Channel	203-01STXRIB GC	STX,B	AC,P5V	103
Dairyland	DS-6106	RR2	CM,C5,Vi,In	106
Dairyland	DS-9804SSX	STX	CM,C5,Vi,In	104
Dekalb	DKC52-84RIB CK	STX,B	AC,P5V	102
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104
Dyna-Gro	D44VC36	VT2P	AC,P5V	104
Dyna-Gro	D45SS65	STX	AC,P5V	105
Golden Harvest	G03C84-3120-EZR	3120,B	AVC,C2,Vi	103
Golden Harvest	G07F23-3111	3111	AVC,C2,Vi	107
Golden Harvest	G07H81-3010A	3010,A	AVC,C2,Vi	107
Hefty	H5302VT2PRIB	VT2P,B	AC,P2,In	103
Hefty	H5502VT2PRIB	VT2P,B	AC,P2,In	105
Hefty	H5504SSRIB	STX,B	AC,P5V,In	105
Hefty	HCEXP10412	VT2P	AC,P2,In	104
Heine	7410STX	STX	AC,P5V	104
Heine	752VT2PRO	VT2P	AC,P5V	105
Heine	754STXRIB GC	STX,B	AC,P5V	105
Heine	775STXRIB	STX,B	AC,P5V	107
Latham	EX5725VT2Pro	VT2P	AC,P5V	107
Latham	LH5505VT2ProRIB	VT2P,B	AC,P2	105
Latham	LH5635VT2Pro	VT2P	AC,P5V	106
Latham	LH5742RR	RR2	AC,P5V	107
LG Seeds	LG5520STXRIB	STX,B	AC,P5V	105
LG Seeds	LG5522VT2P	VT2P	AC,P5V	103
LG Seeds	LG5554-3111	3111	AC,P5V	108
Mustang	7803SSRIB	STX,B	AC,P2	103
Mustang	8207VT2PRIB	VT2P,B	AC,P2	107
Mustang	8805SSRIB	STX,B	AC,P2	105
NorthStar	NS103-169GENSSRIB GC	STX,B	AC,P5V	103
NorthStar	NS104-167GENSSRIB GC	STX,B	AC,P5V	104
NuTech	5VN-4707	3111	MQ,P1V,R	107
NuTech/G2 Gen	5D-906^	AMX,B	MQ,P5V,R	106
NuTech/G2 Gen	5F-503^	AM,B	MQ,P5V,R	103
NuTech/G2 Gen	5F-504^	AM,B	MQ,P5V,R	104
NuTech/G2 Gen	X5FN-0306^	OI	MQ,P1V,R	103
Pfister	2545RASS	STX,B	CM,C5,Vi,In	107
Pfister	63A3SS	STX	CM,C5,Vi,In	103
Pfister	65B1RR	RR2	CM,C5,Vi,In	105
Pfister	66Y3PC	PC	CM,C5,Vi,In	106
Prairie Brand	5398SX	STX	CM,C5,Vi,In	103
REA	6A034	STX,B	AC,P5V	103
REA	6A042	STX,B	AC,P5V	104

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
REA	6B063	VT2P,B	AC,P5V	106
REA	6B071-RIB	VT2P,B	AC,P5V	107
Renk	RK680SSTX	STX,B	AC,P5V	103
Renk	RK717SSTX	STX,B	AC,P5V	105
Renk	RK726SSTX	STX	AC,P5V	106
Renk	RK776SSTX	STX,B	AC,P5V	107
Thunder	7603SSRIB GC	STX,B	AC,P2	103
Titan Pro	TP 53-03 2P	VT2P,B	AC,P5V	103
Titan Pro	TP 77-06 SS	STX	AC,P5V	106
Wyffels	W2618RIB	STX,B	AC,P5V	104
Wyffels	W3078RIB	STX,B	AC,P5V	106
Wyffels	W4796RIB	VT2P,B	AC,P2	106

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.