

2017 Corn Grain Top 30 Harvest Report
 South Dakota Southeast [SDSE] SALEM
 Ernie Christensen, McCook County, SD 57048



PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Hand-Bonilla loam, well drained, non-irrigated
 SOIL CONDITION: Conventional w/ fall till, medium P, high K, 6.9 pH, 4.3% OM, 19.4 CEC
 PEST MANAGEMENT: Force, atrazine, Roundup, Resicore
 FERTILITY - Applied N: 45 Spring
 Applied N-P-K (units): 45-0-0
 SEEDING - RATE - ROW: May 11 31,500 /A 30" spacing
 HARVESTED - STAND: Oct 27 30,600 /A

Early-Season Test
98 - 102 Day CRM
 B2017SDSE14a

Top 30 of 54
 For Gross Income (Sorted by Yield)
 Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Reax	8638820 V7P	V7P 20.8	100	266.5	17.0	3	29.0	647	1
REA	54381 488	57L.8	98	279.7	17.0	1	32.7	622	2
Latham	LH38880 888	57L.8	100	277.9	17.1	1	29.8	616	3
Latham	LH3245 V7Pns	V7P	100	277.9	17.2	1	31.2	616	4
Reax	71237 488	57L.8	100	276.0	17.9	1	29.8	608	5
Reax	62787L	57L	98	268.3	16.8	1	31.9	703	6
Reax	729 V7Pns	V7P	100	268.3	17.0	1	30.5	776	10
Reax	86312307L	57L.8	100	267.9	17.0	1	29.0	789	7
REA	54382 488	57L.8	98	267.2	17.1	1	31.4	789	8
Thunder	40288L	88L	100	266.8	17.4	1	31.2	794	9
Thax Pro	TP 71.48 2P	V7P	100	263.0	17.9	1	30.8	772	12
Thax Pro	TP 65.48 2P	V7P 20.8	100	262.4	17.0	1	29.0	776	11
REA	54323 488	57L.8	100	261.5	17.0	1	29.8	788	13
Federal	608207L 488	57L.8	100	261.1	17.0	1	31.9	785	14
Reax	740 V7Pns	V7P	100	260.7	17.4	1	29.0	789	15
Working	602088L	57L.8	100	260.7	17.0	1	30.5	797	16
Working	5706 V7P 20.8	V7P 20.8	100	260.7	16.9	1	31.9	794	18
Golden Harvest	507024 L 102428	57L.8	100	260.1	17.7	3	30.5	748	19
Coronado	55 8828L	57L.8	100	254.2	16.5	3	29.8	740	22
Holly	46212L	V7P	100	253.7	17.2	3	31.2	747	20
Holly	46303L	V7P	100	252.3	17.9	1	31.2	741	21
L.G. Seeds	L2148L	57L.8	98	250.4	16.8	1	31.2	740	23
Working	5296 V7Pns	V7P	98	250.1	17.0	3	31.9	738	25
Federal	4706 V7Pns	V7P 8	97	249.8	16.5	3	30.5	738	24
REA	54381	57L.8	100	247.9	17.0	10	32.7	738	27
Reax	86329 V7	V7P 8	101	247.9	16.0	5	31.2	734	28
Latham	LH48180L	57L	98	247.4	17.1	1	31.9	738	26
Reax	86309 57L	57L.8	98	246.0	17.1	1	31.9	726	29
Federal	4776 V7Pns	V7P 8	97	245.8	17.3	3	30.5	723	30
Holly	46312 V7P	V7P	98	244.2	16.8	3	30.5	722	31
Total	2017 SDSE 14a	57L.8	100	261.1	17.1	1	31.2	754	17

DATA REJECTED

 Mark Tollefson mark.tollefson@firstseedtests.com, (507) 456-2357	Averages =	233.4	16.8	9	30.6	686
	LSD (0.10) =	68.6	4.0	26		
	LSD (0.25) =	47.7	2.8	18		
	C.V. =	17.5	Prev. years average yield, 191.1 bu/a, 3 yrs			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.00; non-GMO = \$3.00

Test Comments: *These tests were doomed from the beginning. A planting error resulted in the loss of one replication. Mid-season, the early-season test was severely damaged by raccoons and deer. A couple of plots had nothing standing in them to harvest. Attempted to salvage test results of remaining 2 replications but yield variability was too high to obtain valid statistically valid results. Results are rejected.*

† See last page for abbreviation descriptions. 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 grain moisture limit for this test. **ns** = column values not significantly different

2017 Corn Grain Top 30 Harvest Report
 South Dakota Southeast [SDSE] SALEM
 Ernie Christensen, McCook County, SD 57048



PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Hand-Bonilla loam, well drained, non-irrigated
 SOIL CONDITION: Conventional w/ fall till, medium P, high K, 6.9 pH, 4.3% OM, 19.4 CEC
 PEST MANAGEMENT: Force, atrazine, Roundup, Resicore
 FERTILITY - Applied N: 45 Spring
 Applied N-P-K (units): 45-0-0
 SEEDING - RATE - ROW: May 11 31,500 /A 30" spacing
 HARVESTED - STAND: Oct 27 30,400 /A

Full-Season Test
103 - 107 Day CRM
 B2017SDSE14b

Top 30 of 54

For Gross Income (Sorted by Yield)

Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Latham	LH420V12Pro	V12P	106	262.7	19.0	1	31.2	837	1
Ross	RS420V071	071.B	103	264.1	17.9	1	29.9	832	2
W/Rel	W200998	071.B	104	279.9	19.2	1	29.9	817	3
Phos	PH4200	071	103	279.9	19.3	1	30.5	806	4
Phos	PH12PC	PC	106	279.3	19.7	7	31.2	797	5
Thun Pro	TP12-02-2P	V12P.B	103	279.3	19.9	1	32.7	796	10
Genab	GN204-0998-CC	071.B	104	279.3	19.9	1	31.2	805	6
Helly	H420V12P98	V12P.B	105	273.1	19.1	1	31.9	800	7
REA	RE420	V12P.B	106	271.7	19.1	1	31.9	794	14
Helly	H420V10412	V12P	104	271.4	19.2	1	31.2	792	11
Wuberg	W207V12P98	V12P.B	103	271.3	19.9	1	31.9	790	12
Hera	HE42071	071	103	270.6	19.2	1	29.9	788	8
Latham	LH120V12Pro	V12P	107	269.7	19.7	1	31.9	771	18
Dura-Gro	DR420C3	V12P	104	269.3	19.1	1	32.7	770	16
Wuberg	W203098	071.B	103	267.9	17.9	1	30.5	765	13
Phos	PH420V10	071	107	267.1	20.1	3	29.9	760	22
Thun Pro	TP12-06-02	071	103	267.1	19.4	1	29.3	770	19
Hutw/022 Gen	HF-02P	071.B	103	265.3	19.9	9	31.2	770	17
Hutw/022 Gen	HF-420P	071	103	265.3	19.9	1	31.2	764	24
Hutw/022 Gen	HF-02P	071	103	264.9	19.5	1	29.9	771	15
Hera	HE42071	071.B	106	263.9	19.2	1	31.9	770	20
REA	RE420	071	103	262.9	19.1	1	31.2	768	21
Latham	LH120V12Pro	V12P	107	262.7	19.1	3	32.7	761	26
Ross	RS1212071	071.B	106	262.1	19.4	1	27.9	764	25
Genab	GN-0108	092	106	261.9	19.1	1	31.2	759	30
Hutw/022 Gen	HF-02P	071.B	103	261.5	19.9	1	33.4	760	23
Thunder	TH203098	071.B	103	261.4	19.4	1	29.9	762	27
W/Rel	W207998	071.B	106	261.4	19.1	1	31.9	757	31
Hera	HE1207998	071.B	107	261.1	19.3	1	30.5	762	28
Wuberg	W203098	071.B	106	261.0	19.9	1	29.9	763	29
Thun	TP12-06-02	071.B	103	274.9	17.9	1	29.3	799	9

DATA REJECTED

Mark Tollefson
 mark.tollefson@firstseedtests.com, (507) 456-2357

Averages =	262.1	19.0	2	30.4	760
LSD (0.10) =	ns	0.8	ns		
LSD (0.25) =	ns	0.6	ns		
C.V. =	6.2	Prev. years average yield, 191.1 bu/a, 3 yrs			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.00; non-GMO = \$3.00

Test Comments: *These tests were doomed from the beginning. A planting error resulted in the loss of one replication. Mid-season, the early-season test was severely damaged by raccoons and deer. A couple of plots had nothing standing in them to harvest. Attempted to salvage test results of remaining 2 replications but yield variability was too high to obtain valid statistically valid results. Results are rejected.*

† See last page for abbreviation descriptions. 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 grain moisture limit for this test. **ns** = column values not significantly different
 Additional reports available at www.firstseedtests.com ©2017, all rights reserved by Elite Field Genetics, LLC
 Report Date: 10/29/2017 Revised:

2017 Corn Grain - South Dakota Southeast [SDSE]



Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Dairyland	DS-9599	3000GT	CM,C5,Vi,In	99	Renk	RK595SSTX	STX,B	AC,P5V	99
Dairyland	DS-9701RA	STX,B	CM,C5,Vi,In	101	Renk	RK608DGVT2P	VT2P,DG,B	AC,P2	100
Dairyland	DS-9802RA	STX,B	CM,C5,Vi,In	102	Renk	RK612SSTX	STX,B	AC,P5V	100
Dekalb	DKC52-84RIB CK	STX,B	AC,P5V	102	Renk	RK629VT3P	VT3P,B	AC,P2	101
Dyna-Gro	D39DC43	VT2P,DG	AC,P5V	99	Thunder	4600RR	RR2	AC,P2	100
Federal	4760VT2PRIB	VT2P,B	AC,P2	97	Thunder	6798VT2PRIB	VT2P,B	AC,P2	98
Federal	4770VT2PRIB	VT2P,B	AC,P2	97	Titan Pro	TP 65-00 2P	VT2P,DG	AC,P2	100
Federal	4880VT2P	VT2P	AC,P5V	98	Titan Pro	TP 71-98 2P	VT2P	AC,P2	98
Federal	5060SSTAXRIB	STX,B	AC,P5V	100	Titan Pro	TP 75-01 SS	STX	AC,P5V	101
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					
REA	5A023-RIB	STX,B	AC,P5V	102					
REA	5A981-RIB	STX,B	AC,P5V	98					
REA	5A982-RIB	STX,B	AC,P5V	98					

2017 Corn Grain - South Dakota Southeast [SDSE]



Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Channel	203-01STXRIB GC	STX,B	AC,P5V	103	Renk	RK717SSTX	STX,B	AC,P5V	105
Dairyland	DS-6106	RR2	CM,C5,Vi,In	106	Renk	RK726SSTX	STX	AC,P5V	106
Dairyland	DS-9804SSX	STX	CM,C5,Vi,In	104	Renk	RK776SSTX	STX,B	AC,P5V	107
Dekalb	DKC52-84RIB CK	STX,B	AC,P5V	102	Thunder	7603SSRIB GC	STX,B	AC,P2	103
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104	Titan Pro	TP 53-03 2P	VT2P,B	AC,P5V	103
Dyna-Gro	D44VC36	VT2P	AC,P5V	104	Titan Pro	TP 77-06 SS	STX	AC,P5V	106
Dyna-Gro	D45SS65	STX	AC,P5V	105	Wyffels	W2618RIB	STX,B	AC,P5V	104
Golden Harvest	G03C84-3120-EZR	3120,B	AVC,C2,Vi	103	Wyffels	W3078RIB	STX,B	AC,P5V	106
Golden Harvest	G07F23-3111	3111	AVC,C2,Vi	107	Wyffels	W4796RIB	VT2P,B	AC,P2	106
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					
REA	6B063	VT2P,B	AC,P5V	106					
REA	6B071-RIB	VT2P,B	AC,P5V	107					
Renk	RK680SSTX	STX,B	AC,P5V	103					

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

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