

2018 Corn Grain Top 30 Harvest Report
 South Dakota Southeast [SDSE] BERESFORD
 Jason Frick, Clay County, SD 57004



PREV. CROP/HERB: Soybean / Roundup, Authority
 SOIL DESCRIPTION: Egan-Ethan-Tetonka silty clay loam, well drained, non-irrigated
 SOIL CONDITION: Conventional w/ fall till, high P, very high K, 7.3 pH, 4.0% OM, 27.2 CEC
 PEST MANAGEMENT: Force, Roundup, TripleFlex
 FERTILITY - Applied N: 166 Sidedress
 Applied N-P-K (units): 166-60-60
 SEEDING - RATE - ROW: May 18 32,500 /A 30" spacing
 HARVESTED - STAND: Oct 27 30,600 /A

Early-Season Test
98 - 102 Day CRM
 B2018SDSE09a

Top 30 of 45

For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pfister	60C2PC	PC	100	260.7	15.4	1	31.0	806	1
Wyffels	W2506	VT2P	101	257.1	14.5	1	30.0	797	2
Thunder	6999VT2P	VT2P	99	255.5	14.8	1	31.0	792	3
Hefty	H4922VT2P	VT2P	99	252.4	14.6	1	30.5	782	4
Thunder	8902SS	STX	102	252.0	15.7	1	30.5	777	6
Thunder	7800DGV2P	VT2P,DG,B	100	251.9	14.6	1	30.5	781	5
Latham	LH5245VT2ProRIB	VT2P,B	102	249.2	14.5	1	31.0	773	7
Golden Harvest	G00H12-3010	3010	100	248.8	14.9	1	31.5	771	8
Wyffels	W2086RIB	VT2P,B	98	248.6	14.6	2	30.0	771	9
Mustang	5299VT2PRIB	VT2P,B	99	246.2	14.5	1	31.5	763	10
NK Brand	NK9852-3010	3010	98	246.0	14.6	1	30.5	763	11
Dyna-Gro	D43VC81	VT2P	102	243.3	15.1	1	31.0	754	12
Hefty	H5024SS	STX	100	243.0	14.6	1	31.0	753	13
Renk	RK608DGV2P	VT2P,DG,B	100	241.4	14.6	1	30.0	748	14
Dekalb	DKC50-08RIB GC	STX,B	100	240.8	15.4	1	30.5	744	16
Wyffels	W2196RIB	VT2P,B	99	240.7	14.7	1	31.0	746	15
Hefty	H5212VT2PRIB	VT2P,B	102	240.1	14.8	1	29.5	744	17
Latham	LH4937VT2Pro	VT2P	99	239.9	14.7	2	31.9	744	18
Latham	LH5025VT2ProDGRIB	VT2P,DG,B	100	239.6	14.6	1	30.0	743	19
Mustang	7202VT2P	VT2P,B	102	239.2	14.6	1	31.0	742	20
Thunder	6798VT2P	VT2P,B	98	238.7	14.3	1	30.5	740	21
Renk	RK604SSTX	STX	102	238.2	14.7	1	29.5	738	22
NuTech/G2 Gen	5F-702	AM,B	102	238.0	14.8	1	31.0	738	23
Dairyland	DS-7101	PC	101	234.6	15.6	1	31.5	724	25
Renk	8-593SSTX	STX	99	234.3	14.8	2	31.0	726	24
Heine	6500VT2PRO	VT2P	99	233.7	14.9	1	30.0	724	26
LG Seeds	LG5505STXRIB	STX,B	101	232.8	14.9	1	30.5	722	27
Heine	739VT2PRORIB	VT2P,B	102	232.4	15.2	1	30.5	719	29
Heine	7000VT2PRO	VT2P	100	232.2	15.0	2	31.0	720	28
Dairyland	RPM-4019AM	AM,B	99	231.9	14.1	1	31.0	719	30
Dekalb	DKC54-38RIB CK	STX,B	104	230.9	15.8	1	27.6	711	32

Mark Tollefson
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Averages =	235.8	14.8	1	30.6	730
LSD (0.10) =	17.9	0.3	ns		
LSD (0.25) =	9.4	0.1	ns		
C.V. =	7.2	Prev. years average yield, 158.5 bu/a, 9 yrs			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.10; non-GMO = \$3.10

Test Comments: *A lot of top half of the stalks had fallen off at harvest. Stalk lodging was limited but the ears hung low on the stalks and forced us to run the combine snoots on the ground to gather ears. Plenty of rain all growing season and good drainage contributed to the above average yield results. Most grain moistures were below 16%. Many area fields still have unharvested soybeans as the wet fall lingers.*

† 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

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 SOIL DESCRIPTION: Egan-Ethan-Tetonka silty clay loam, well drained, non-irrigated
 SOIL CONDITION: Conventional w/ fall till, high P, very high K, 7.3 pH, 4.0% OM, 27.2 CEC
 PEST MANAGEMENT: Force, Roundup, TripleFlex
 FERTILITY - Applied N: 166 Sidedress
 Applied N-P-K (units): 166-60-60
 SEEDING - RATE - ROW: May 18 32,500 /A 30" spacing
 HARVESTED - STAND: Oct 27 30,400 /A

Full-Season Test
103 - 107 Day CRM
 B2018SDSE09b

Top 30 of 45

For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pfister	66Y3PE	PC,E	106	265.1	16.1	1	31.0	815	1
Wyffels	W5516RIB	VT2P,B	108	262.7	16.8	1	30.5	803	3
REA	6D042	VT2P,DG,B	104	261.6	15.4	2	31.0	808	2
Latham	LH5635VT2ProRIB	VT2P,B	106	259.7	15.6	1	31.9	801	4
Latham	LH5487VT2Pro	VT2P	104	259.3	15.6	1	31.0	800	5
Dyna-Gro	D47SS29RIB	STX,B	106	258.7	15.9	1	31.5	796	6
Dairyland	DS-7603PE	PC,E	103	258.0	16.2	1	31.0	792	7
Latham	LH5742RR	RR2	107	258.0	17.3	1	31.5	785	8
Pfister	65G1SE	STX,E	105	255.4	16.0	1	31.0	785	9
Renk	RK737SSTX	STX	106	254.6	16.6	2	30.5	779	11
Heine	7500VT2PRO	VT2P	105	252.4	15.4	1	29.0	780	10
Latham	LH5725VT2Pro	VT2P	107	251.8	15.6	1	31.0	777	13
Wyffels	W5626	VT2P	108	251.1	16.0	2	31.0	772	15
Wyffels	W4196RIB	VT2P,B	105	250.9	15.3	1	30.0	776	14
Dekalb	DKC55-84RIB GC	STX,B	105	250.1	15.5	1	31.0	772	16
LG Seeds	LG5525VT2RIB	VT2P,B	105	249.8	16.1	1	30.5	768	17
NuTech	5VN-4707	3111	107	248.1	16.0	1	30.5	763	19
Golden Harvest	G05K08-3010A	3010,A	105	248.1	16.1	1	30.5	762	20
LG Seeds	LG53C50STX	STX	103	247.7	15.7	3	29.0	764	18
Mustang	6805SSRIB	STX,B	105	245.8	16.2	2	30.0	755	24
Golden Harvest	G06Q68-3220-EZR	3220,B	106	245.2	16.2	1	29.5	753	26
Hefty	H5522VT2P	VT2P	105	245.1	15.7	1	31.5	756	21
Renk	RK717SSTX	STX,B	105	244.7	15.5	3	31.0	756	22
Hefty	H5524SS	STX	105	244.7	16.6	1	31.5	749	28
Dekalb	DKC54-40RIB GC	VT2P,B	104	244.5	15.4	1	31.5	756	23
Hefty	H5624SS	STX	106	244.3	16.3	1	26.6	749	29
Wyffels	W3488	STX	104	244.1	15.5	1	30.0	754	25
Heine	752VT2PRORIB	VT2P,B	105	243.1	15.2	3	31.0	752	27
NK Brand	NK0602-3010	3010	106	243.1	16.1	2	30.5	747	30
Dyna-Gro	D44VC36	VT2P	104	243.1	16.7	2	36.3	743	31
Dekalb	DKC54-38RIB CK	STX,B	104	253.7	16.5	1	30.0	777	12

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Averages =	245.3	15.9	1	30.4	755
LSD (0.10) =	14.7	0.4	ns		
LSD (0.25) =	7.7	0.2	ns		
C.V. =	5.7	Prev. years average yield, 158.5 bu/a, 9 yrs			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.10; non-GMO = \$3.10

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Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Dairyland	DS-7101	PC	CM,C5,Vi,In	101					
Dairyland	RPM-4018AM	AM,AQ,B	MQ,P5V,R	101					
Dairyland	RPM-4019AM	AM,B	CM,C2,R,Lu	99					
Dekalb	DKC50-08RIB GC	STX,B	AC,P5V	100					
Dekalb	DKC54-38RIB CK	STX,B	AC,P5V	104					
Dyna-Gro	D43VC81	VT2P	AC,P5V	102					
Golden Harvest	G00H12-3010	3010	AVC,C2,Vi	100					
Golden Harvest	G02W74-3000GT	3000GT	AVC,C2,Vi	102					
Golden Harvest	G98B71-3010	3010	AVC,C2,Vi	98					
Hefty	H4922VT2P	VT2P	HC	99					
Hefty	H5003VT2PDGRIB	VT2P,DG,B	HC	100					
Hefty	H5024SS	STX	HC	100					
Hefty	H5212VT2PRIB	VT2P,B	HC	102					
Heine	6500VT2PRO	VT2P	AC,P5V	99					
Heine	7000VT2PRO	VT2P	AC,P5V	100					
Heine	7222STX	STX	AC,P5V	101					
Heine	739VT2PRORIB	VT2P,B	AC,P2	102					
Latham	LH4937VT2Pro	VT2P	AC,P5V	99					
Latham	LH5025VT2ProDGRIB	VT2P,DG,B	AC,P2	100					
Latham	LH5137VT2Pro	VT2P	AC,P5V	101					
Latham	LH5245VT2ProRIB	VT2P,B	AC,P2	102					
LG Seeds	LG5465VT2RIB	VT2P,B	AC,P5V	97					
LG Seeds	LG5494VT2RIB	VT2P,B	AC,P5V	99					
LG Seeds	LG5505STXRIB	STX,B	AC,P5V	101					
Mustang	5299VT2PRIB	VT2P,B	AC,P2	99					
Mustang	7202VT2P	VT2P,B	AC,P2	102					
NK Brand	NK9852-3010	3010	AVC,C2,Vi	98					
NuTech	5N-800	3011,A	MQ,P5V,R	100					
NuTech/G2 Gen	5F-198	AM,B	MQ,P5V,R	98					
NuTech/G2 Gen	5F-702	AM,B	MQ,P5V,R	102					
Pfister	1785VA	3220	CM,C5,Vi,In	99					
Pfister	60B1SSR	STX,B	CM,C5,Vi,In	100					
Pfister	60C2PC	PC	CM,C5,Vi,In	100					
REA	5A023-RIB	STX,B	AC,P5V	102					
Renk	8-593SSTX	STX	AC,P5V	99					
Renk	RK604SSTX	STX	AC,P5V	102					
Renk	RK608DGV2P	VT2P,DG,B	AC,P2	100					
Thunder	6798VT2P	VT2P,B	AC,P2	98					
Thunder	6999VT2P	VT2P	AC,P5V	99					
Thunder	7800DGV2P	VT2P,DG,B	AC,P2	100					
Thunder	8902SS	STX	AC,P5V	102					
Wyffels	W2086RIB	VT2P,B	AC,P5V	98					
Wyffels	W2196RIB	VT2P,B	AC,P2	99					
Wyffels	W2506	VT2P	AC,P2	101					
Wyffels	W3076RIB	VT2P,B	AC,P2	102					

2018 Corn Grain - South Dakota Southeast [SDSE]



Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Dairyland	DS-7603PE	PC,E	CM,C5,Vi,In	103					
Dairyland	DS-9804RA	STX,B	CM,C5,Vi,In	103					
Dairyland	RPM-4318AM	AM,B	MQ,P5V,R	104					
Dairyland	RPM-4319AM	AM,B	CM,C2,R,Lu	103					
Dekalb	DKC54-38RIB CK	STX,B	AC,P5V	104					
Dekalb	DKC54-40RIB GC	VT2P,B	AC,P2	104					
Dekalb	DKC55-84RIB GC	STX,B	AC,P5V	105					
Dyna-Gro	D44VC36	VT2P	AC,P5V	104					
Dyna-Gro	D47SS29RIB	STX,B	AC,P5V	106					
Golden Harvest	G03C84-3120-EZR	3120,B	AVC,C2,Vi	103					
Golden Harvest	G05K08-3010A	3010,A	AVC,C2,Vi	105					
Golden Harvest	G06Q68-3220-EZR	3220,B	AVC,C2,Vi	106					
Hefty	H5302VT2PRIB	VT2P,B	HC	103					
Hefty	H5522VT2P	VT2P	HC	105					
Hefty	H5524SS	STX	HC	105					
Hefty	H5624SS	STX	HC	106					
Heine	740VT2PRORIB	VT2P,B	AC,P2	103					
Heine	7500VT2PRO	VT2P	AC,P5V	105					
Heine	752VT2PRORIB	VT2P,B	AC,P2	105					
Heine	7600VT2PRO	VT2P	AC,P5V	106					
Latham	LH5487VT2Pro	VT2P	AC,P5V	104					
Latham	LH5635VT2ProRIB	VT2P,B	AC,P2	106					
Latham	LH5725VT2Pro	VT2P	AC,P5V	107					
Latham	LH5742RR	RR2	AC,P2	107					
LG Seeds	LG53C50STX	STX	AC,P5V	103					
LG Seeds	LG5525VT2RIB	VT2P,B	AC,P5V	105					
Mustang	6805SSRIB	STX,B	AC,P5V	105					
NK Brand	NK0330-3120-EZR	3120,B	AVC,C2,Vi	103					
NK Brand	NK0602-3010	3010	AVC,C2,Vi	106					
NK Brand	NK0624-3220-EZR	3220,B	AVC,C2,Vi	106					
NuTech	5VN-4707	3111	MQ,P5V,R	107					
NuTech/G2 Gen	5D-906	AMX,B	MQ,P5V,R	106					
NuTech/G2 Gen	E5FN-A604	OI	MQ,P1V,R	104					
Pfister	63A3SSR	STX,B	CM,C5,Vi,In	103					
Pfister	64F1PE	PC,E	CM,C5,Vi,In	104					
Pfister	65G1SE	STX,E	CM,C5,Vi,In	105					
Pfister	66Y3PE	PC,E	CM,C5,Vi,In	106					
REA	6D042	VT2P,DG,B	AC,P2	104					
Renk	RK642SSTX	STX,B	AC,P5V	103					
Renk	RK717SSTX	STX,B	AC,P5V	105					
Renk	RK737SSTX	STX	AC,P5V	106					
Wyffels	W3488	STX	AC,P5V	104					
Wyffels	W4196RIB	VT2P,B	AC,P5V	105					
Wyffels	W5516RIB	VT2P,B	AC,P5V	108					
Wyffels	W5626	VT2P	AC,P5V	108					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
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)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
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)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	Lu	Lumivia™
A	Allegiance®	M	Maxim XL®
AC	Acceleron® fungicide products	MQ	Maxim Quattro®
AL2500	Alert 2500	None	untreated
At	Actellic®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Sa	Sativa™
CE	Cruiser Extreme®	Se	Sebring™
CM	CruiserMaxx® Corn	Sn	Senator™
D	Dynasty®	Sp	Spirato™
Es	Escalate®	SC	SHIELDCoat™
HC	Hefty Complete	V	Votivo®
In	Intego™ Solo	Vi	Vibrance®
L	Lorsban®		

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