

2018 Corn Grain Top 30 Performance Summary for South Dakota Southeast [SDSE]



Test by: MNS Seed Testing, LLC, New Richland, MN

Early-Season Test

98 - 102 Day CRM

B2018SDSEa

Top 30 of 45

For Gross Income (Sorted by Yield), (18) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/A	Rank	Beresford	Colton	Dell Rapids	Flandreau	Salem ^s	Salem ^c
Hefty	H5212VT2PRIB	VT2P,B	102	241.8	17.0	1	713	1	240.1	231.1	253.7	253.4	247.2	225.0
Wyffels	W2506	VT2P	101	241.3	16.9	1	712	2	257.1	222.2	232.5	257.3	234.1	244.4
Thunder	6999VT2P	VT2P	99	239.6	16.7	1	709	3	255.5	227.8	252.7	249.0	218.2	234.4
Dyna-Gro	D43VC81	VT2P	102	239.1	17.3	1	704	5	243.3	229.2	241.0	260.9	235.5	224.9
Hefty	H4922VT2P	VT2P	99	238.6	16.8	1	705	4	252.4	225.4	241.9	239.8	239.1	233.1
Latham	LH5245VT2ProRIB	VT2P,B	102	238.3	16.8	1	704	6	249.2	236.6	235.0	261.2	225.4	222.1
Latham	LH5025VT2ProDGRIB	VT2P,DG,B	100	238.0	16.7	2	704	7	239.6	242.1	251.4	235.0	230.0	230.0
Latham	LH4937VT2Pro	VT2P	99	237.6	16.9	2	702	8	239.9	226.6	254.4	246.1	232.7	225.7
NuTech/G2 Gen	5F-702	AM,B	102	236.8	16.8	2	700	9	238.0	225.8	243.2	241.3	232.2	249.0
Heine	6500VT2PRO	VT2P	99	235.7	16.9	1	696	11	233.7	217.7	252.4	239.6	230.2	240.7
Renk	8-593SSTX	STX	99	235.6	16.7	1	697	10	234.3	214.1	256.6	245.8	237.9	225.1
Pfister	60C2PC	PC	100	235.6	17.4	1	693	12	260.7	226.7	253.4	234.5	222.9	215.1
Hefty	H5024SS	STX	100	233.8	16.9	2	690	13	243.0	218.0	237.6	255.0	230.6	218.6
Renk	RK604SSTX	STX	102	233.0	16.7	1	689	14	238.2	225.0	231.6	235.1	239.5	228.5
Heine	739VT2PRORIB	VT2P,B	102	232.9	17.2	1	686	15	232.4	227.9	248.0	232.6	228.5	228.1
Thunder	7800DGV2P	VT2P,DG,B	100	232.1	16.7	1	686	16	251.9	221.9	235.3	230.1	223.8	229.8
Heine	7000VT2PRO	VT2P	100	231.1	17.1	1	681	19	232.2	231.7	225.5	248.2	226.3	222.6
Mustang	5299VT2PRIB	VT2P,B	99	231.0	16.7	1	683	18	246.2	218.4	230.0	244.8	217.6	228.9
Dairyland	RPM-4018AM	AM,AQ,B	101	230.7	17.4	2	678	20	231.3	225.2	229.8	227.3	230.8	239.9
NuTech/G2 Gen	5F-198	AM,B	98	230.5	16.0	1	686	17	222.0	216.8	244.2	230.7	224.6	244.7
REA	5A023-RIB	STX,B	102	230.5	17.4	1	678	21	224.0	216.8	250.6	233.9	224.7	232.8
Dairyland	DS-7101	PC	101	230.5	17.3	2	678	22	234.6	218.6	242.8	231.2	225.2	230.3
Thunder	8902SS	STX	102	230.2	17.5	1	676	26	252.0	219.6	229.4	233.0	229.0	218.0
Wyffels	W2196RIB	VT2P,B	99	229.3	16.7	1	678	23	240.7	220.4	220.8	243.4	226.6	223.8
Wyffels	W3076RIB	VT2P,B	102	229.2	16.6	1	678	24	224.5	221.3	246.5	227.3	221.6	234.1
Renk	RK608DGV2P	VT2P,DG,B	100	228.6	16.6	1	677	25	241.4	217.5	230.4	224.9	223.5	234.0
Hefty	H5003VT2PDGRIB	VT2P,DG,B	100	228.0	16.8	1	674	28	227.7	212.3	242.8	219.7	232.0	233.3
LG Seeds	LG5505STXRIB	STX,B	101	227.8	17.1	1	671	30	232.8	216.1	238.9	231.5	227.4	219.9
Dairyland	RPM-4019AM	AM,B	99	226.8	16.4	2	672	29	231.9	219.3	221.5	219.9	232.2	236.0
LG Seeds	LG5465VT2RIB	VT2P,B	97	226.5	16.7	2	670	31	227.6	220.1	236.4	235.2	214.1	225.4
Dekalb	DKC54-38RIB CK	STX,B	104	229.5	17.6	1	674	27	230.9	223.3	242.9	227.1	223.5	229.4

Averages =	229.3	16.9	1	677	235.8	219.5	235.7	233.5	224.7	226.3
LSD (0.10) =	6.6	0.2	0		17.9	9.5	18.6	13.6	10.7	11.4
LSD (0.25) =	3.5	0.1	0		9.4	5.0	9.7	7.1	5.6	6.0

Previous years average yield for region, 180.5 bu/a, 17 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; c = following corn; s = following soybean.

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2018 Corn Grain Top 30 Performance Summary for South Dakota Southeast [SDSE]



Full-Season Test

103 - 107 Day CRM

B2018SDSEb

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For Gross Income (Sorted by Yield), (18) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Beresford	Dell Rapids		Salem ^s		
				Bu/A ↓	%	%	\$/A	Rank		Colton	Flandreau	Salem ^c		
Wyffels	W5626	VT2P	108	252.3	17.8	2	739	1	251.1	238.7	266.8	254.6	242.7	260.1
Pfister	66Y3PE	PC,E	106	251.5	18.3	2	734	2	265.1	222.9	260.3	263.7	235.1	261.9
Wyffels	W5516RIB	VT2P,B	108	249.8	18.1	2	730	3	262.7	241.0	256.3	238.4	256.9	243.5
Latham	LH5487VT2Pro	VT2P	104	246.9	17.4	1	726	4	259.3	227.6	253.2	260.9	235.7	244.8
LG Seeds	LG5525VT2RIB	VT2P,B	105	246.4	17.6	2	723	6	249.8	228.5	256.2	245.8	252.7	245.5
Renk	RK737SSTX	STX	106	246.4	17.9	2	721	7	254.6	238.4	253.4	241.5	251.0	239.4
Dairyland	DS-7603PE	PC,E	103	246.4	17.9	2	721	8	258.0	246.3	247.4	256.7	237.7	232.0
REA	6D042	VT2P,DG,B	104	245.9	17.2	2	724	5	261.6	220.7	259.3	249.6	241.4	243.0
Heine	7600VT2PRO	VT2P	106	245.6	18.0	1	718	9	218.8	237.5	267.3	256.9	245.0	248.3
Latham	LH5742RR	RR2	107	244.2	18.5	1	711	12	258.0	235.4	241.5	255.7	238.9	235.6
Wyffels	W4196RIB	VT2P,B	105	243.3	17.6	2	714	10	250.9	231.7	239.7	242.4	239.2	256.0
Golden Harvest	G05K08-3010A	3010,A	105	243.0	17.4	1	714	11	248.1	227.8	257.2	243.4	240.7	240.8
Pfister	64F1PE	PC,E	104	242.6	18.1	2	709	14	242.3	227.7	259.9	261.3	236.8	227.8
Hefty	H5522VT2P	VT2P	105	242.3	17.7	2	711	13	245.1	230.1	249.6	251.5	245.9	231.7
Dairyland	RPM-4318AM	AM,B	104	241.6	17.9	2	707	15	235.2	236.2	269.9	246.8	229.1	232.3
Dekalb	DKC54-40RIB GC	VT2P,B	104	241.0	17.6	1	707	16	244.5	232.2	262.5	248.6	229.3	228.7
Heine	7500VT2PRO	VT2P	105	240.5	17.6	1	706	17	252.4	223.7	248.7	231.4	237.6	249.0
NuTech/G2 Gen	E5FN-A604	OI	104	240.2	17.7	3	704	19	235.9	223.2	249.5	246.3	247.5	239.0
Latham	LH5725VT2Pro	VT2P	107	239.8	17.4	1	705	18	251.8	233.9	239.0	229.6	237.7	247.0
LG Seeds	LG53C50STX	STX	103	239.3	17.6	2	702	21	247.7	228.9	231.0	253.6	236.2	238.2
Latham	LH5635VT2ProRIB	VT2P,B	106	238.2	17.2	1	701	22	259.7	215.4	245.9	233.0	232.3	242.9
Hefty	H5524SS	STX	105	237.2	18.0	2	694	27	244.7	216.6	243.6	257.7	233.5	227.3
Wyffels	W3488	STX	104	236.8	17.3	2	697	23	244.1	229.6	256.2	225.5	235.9	229.2
Mustang	6805SSRIB	STX,B	105	236.8	17.6	2	695	25	245.8	224.6	242.2	245.8	230.2	232.1
Dekalb	DKC55-84RIB GC	STX,B	105	236.4	17.4	1	695	26	250.1	216.2	241.5	224.5	240.6	245.5
Heine	752VT2PRORIB	VT2P,B	105	236.0	17.0	2	696	24	243.1	222.5	246.2	244.6	229.5	230.2
Dyna-Gro	D47SS29RIB	STX,B	106	235.8	17.5	1	693	28	258.7	227.2	228.8	231.2	232.4	236.4
Pfister	65G1SE	STX,E	105	235.5	17.8	1	690	30	255.4	214.6	253.4	228.1	232.4	228.8
Hefty	H5302VT2PRIB	VT2P,B	103	234.3	17.1	2	691	29	234.6	227.2	256.5	222.2	225.8	239.6
NK Brand	NK0602-3010	3010	106	233.2	17.7	2	684	31	243.1	213.2	248.7	242.1	221.2	231.1
Dekalb	DKC54-38RIB CK	STX,B	104	239.7	17.8	1	702	20	253.7	233.7	245.3	239.2	235.3	230.8

Averages =	237.9	17.6	2	698	245.3	225.7	245.1	240.2	234.9	236.0
LSD (0.10) =	6.3	0.2	1		14.7	8.9	17.1	15.5	10.6	11.9
LSD (0.25) =	3.3	0.1	0		7.7	4.7	9.0	8.1	5.5	6.2

Previous years average yield for region, 180.5 bu/a, 17 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; c = following corn; s = following soybean.

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Early-Season Test Products (45 Total)

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

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
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
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	RK642SSSTX	STX,B	AC,P5V	103
Renk	RK717SSSTX	STX,B	AC,P5V	105
Renk	RK737SSSTX	STX	AC,P5V	106
Wyffels	W3488	STX	AC,P5V	104

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
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®TRIssect (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	D	Dynasty®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
A	Allegiance®	Es	Escalate®	R	Raxil®
AC	Acceleron® fungicide products	HC	Hefty Complete	Sa	Sativa™
AL2500	Alert 2500	In	Intego™ Solo	Se	Sebring™
At	Actellic®	L	Lorsban®	Sn	Senator™
AVC	Avicta® Complete Corn	Lu	Lumivia™	Sp	Spirato™
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	M	Maxim XL®	SC	SHIELDCoat™
CE	Cruiser Xtreme®	MQ	Maxim Quattro®	V	Votivo®
CM	CruiserMaxx® Corn	None	untreated	Vi	Vibrance®

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