

2019 Corn Grain Top 30 Performance Summary for South Dakota Southeast [SDSE]

Early-Season Test

98 - 102 Day CRM

B2019SDSEa

Top 30 of 60

For Gross Income (Sorted by Yield), (11) Replication Average

Company/Brand	Product/Brand	Technol. †	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Beresford * <b>REJECTED</b>	Clear Lake *	Colton	Dell Rapids	Salem <b>No Results</b>
WYFFELS	W2196RIB	VT2P,B	99	<b>195.4</b>	29.2	3	615	1	238.0	<b>137.5</b>	<b>231.6</b>	<b>217.1</b>	
HEFTY	H4933VT2PDGRIB	VT2P,DG,B	99	<b>190.8</b>	29.8	7	597	4	237.5	125.9	<b>246.8</b>	<b>199.9</b>	
RENK	RK579DGVT2P	VT2P,DG,B	98	<b>190.5</b>	30.7	7	593	5	237.5	<b>131.9</b>	<b>254.2</b>	185.5	
LATHAM	LH4937VT2PRIB	VT2P,B	99	<b>190.3</b>	28.3	3	609	2	237.5	98.5	<b>260.4</b>	<b>212.0</b>	
HEINE	6500VT2PRO	VT2P	99	<b>188.5</b>	28.3	3	601	3	237.5	122.3	<b>245.7</b>	<b>197.5</b>	
VIKING	46-96	None	96	<b>185.8</b>	28.8	3	589	7	237.5	123.9	<b>232.1</b>	<b>201.3</b>	
VIKING	44-98	None	98	<b>185.4</b>	29.7	4	586	8	237.5	108.3	<b>242.4</b>	<b>205.7</b>	
THUNDER	6999 VT2P	VT2P,B	99	184.5	28.1	4	593	6	193.3	97.3	<b>245.3</b>	<b>210.9</b>	
DAIRYLAND	DS-4019AM	AM,B	99	183.4	29.0	3	579	9	213.9	<b>136.1</b>	224.7	189.6	
HEFTY	H5212VT2PRIB	VT2P,B	102	182.6	31.6	3	559	13	207.7	120.0	<b>239.9</b>	188.0	
THUNDER	6902 VT2P	VT2P,B	102	182.6	31.3	2	559	14	247.5	118.1	<b>232.3</b>	<b>197.5</b>	
LATHAM	LH4830	None	98	182.3	29.2	6	575	10	237.5	118.8	220.3	<b>207.9</b>	
MILLER HYBRIDS	M98-70	None	99	180.6	29.6	1	568	11	237.5	114.0	<b>237.7</b>	190.1	
EPLBY	E1040	None	100	179.7	30.2	3	560	12	237.5	<b>135.5</b>	229.8	174.0	
NK BRAND	NK0243-3120-EZR	3120,B	102	179.0	30.4	10	554	18	213.9	115.2	222.6	<b>199.2</b>	
WYFFELS	W2236	VT2P	99	178.4	30.1	5	552	19	237.5	<b>143.5</b>	202.9	188.9	
DAIRYLAND	DS-3810AM	AM	98	177.5	29.3	3	558	15	213.9	112.5	227.9	192.0	
TITAN PRO	84-01	None	101	176.4	31.7	5	540	21	237.5	106.0	<b>243.6</b>	179.7	
HEFTY	H4922VT2PRIB	VT2P,B	99	175.2	28.7	3	558	16	213.9	101.4	<b>249.5</b>	174.7	
DAIRYLAND	DS-3715AM	AM,B	98	173.7	27.7	3	558	17	207.7	97.4	222.8	<b>200.8</b>	
NK BRAND	NK9930-3010	3010	99	173.4	29.0	5	548	20	213.9	101.9	<b>234.1</b>	184.4	
WYFFELS	W2506RIB	VT2P,B	101	172.5	30.5	3	535	25	237.5	91.2	228.6	<b>197.7</b>	
HEINE	EXP 7010	VT2P	100	172.3	30.0	6	535	24	237.5	113.5	<b>231.3</b>	172.1	
VIKING	99-00	None	100	172.0	29.8	3	539	22	237.5	126.0	<b>235.1</b>	154.9	
INTEGRA	4888	STX,B	98	171.9	31.4	9	524	29	237.5	<b>141.4</b>	202.0	172.4	
TITAN PRO	70-98	None	98	170.6	29.5	4	538	23	237.5	96.2	223.8	191.7	
REA	5A010	STX,B	101	170.6	31.1	3	522	30	237.5	104.5	224.1	183.1	
THUNDER	6098 VT2P	VT2P,B	98	169.2	29.6	6	533	27	213.9	113.7	228.0	165.9	
GOLDEN HARVEST	G00H12-3010	3010	100	168.4	28.8	5	533	26	213.9	104.4	221.7	179.2	
RENK	RK587VT2P	VT2P,B	97	166.7	29.2	6	524	28	222.6	120.6	183.9	<b>195.6</b>	
DEKALB	DKC55-53RIB CK	STX,B	105	165.0	34.9	4	479	47	199.8	121.8	224.0	149.3	

Not in summary - Herbicide damage to conv hybrids

Not planted due to weather delays.

	<b>Averages =</b>	<b>171.7</b>	<b>29.8</b>	<b>5</b>	<b>516</b>	<b>212.7</b>	<b>109.7</b>	<b>215.0</b>	<b>174.7</b>
	LSD (0.10) =	13.2	1.2	3		26.8	21.2	15.8	17.9
Mark Tollefson	LSD (0.25) =	7.0	0.6	2		14.0	11.1	8.3	9.4

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**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.0 Drying = \$0.05 Prices: GMO = \$3.60

† 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. \*There were 3 reps for the site.

2019 Corn Grain Top 30 Performance Summary for South Dakota Southeast [SDSE]

Full-Season Test

103 - 107 Day CRM

B2019SDSEb

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For Gross Income (Sorted by Yield), (10) Replication Average

Company/Brand	Product/Brand	Technol. †	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Beresford * <b>REJECTED</b>	Clear Lake *	Colton	Dell Rapids	Salem <b>No Results</b>
THUNDER	6905 VT2P	VT2P,B	105	197.4	32.5	10	600	1	224.9	158.4	246.4	187.4	
HEFTY	H5522VT2PRIB	VT2P,B	105	193.9	31.6	5	595	3	224.2	159.2	241.3	181.4	
REA	6D054	VT2P,DG,B	105	193.9	32.5	4	590	4	224.1	142.5	255.0	184.3	
LATHAM	LH5487VT2PRIB	VT2P,B	104	192.8	31.4	8	595	2	223.7	139.1	255.1	184.1	
MILLER HYBRIDS	M05-72	None	105	188.9	32.6	7	567	8	223.2	149.7	225.4	191.6	
HEINE	740VT2PRORIB	VT2P,B	103	187.2	31.0	8	577	5	222.5	138.7	231.9	191.0	
DAIRYLAND	DS-4580AM	AM	105	185.9	31.8	6	565	9	221.9	130.4	232.8	194.5	
VIKING	42-05	None	105	184.8	33.9	6	554	10	221.8	158.6	236.4	159.3	
DAIRYLAND	DS-4440AM	AM,B	104	184.6	30.7	4	568	7	221.6	132.2	239.6	182.0	
GOLDEN HARVEST	G03R40-3110	3110	103	183.9	30.1	4	571	6	221.5	138.0	227.7	186.1	
NK BRAND	NK0330-3120-EZR	3120,B	103	178.5	31.7	11	547	11	221.4	151.0	228.9	155.7	
LATHAM	LH5635VT2PRIB	VT2P,B	106	178.4	31.8	5	546	12	221.3	122.9	224.7	187.7	
HEINE	7600VT2PRO	VT2P	106	177.9	34.2	8	528	16	221.1	147.8	254.8	131.2	
WYFFELS	W4196RIB	VT2P,B	105	177.8	32.8	9	539	14	221.0	157.1	228.0	148.3	
DAIRYLAND	DS-7004RA	PC,B	104	177.6	36.7	6	503	26	221.0	131.3	214.7	186.9	
PIONEER	P0688AM GC	AM,B	106	177.3	34.1	3	527	17	220.7	119.6	240.8	171.6	
REA	6D042	VT2P,DG,B	104	176.7	31.1	12	542	13	220.2	119.2	239.4	171.4	
RENK	RK710DGVT2P	VT2P,DG,B	106	176.2	33.9	5	526	18	220.2	155.1	226.0	147.5	
INTEGRA	5529	STX,B	105	173.9	33.7	9	519	20	219.1	135.6	233.3	152.7	
RENK	RK737SSTX	STX,B	106	173.7	33.9	3	518	21	218.6	136.7	234.9	149.4	
INTEGRA	CX931104	VT2P	104	172.3	32.1	7	523	19	218.3	135.6	236.3	145.0	
NK BRAND	NK0472-3110	3110	104	172.1	30.1	5	535	15	218.5	108.7	225.8	181.7	
REA	6A050-RIB	STX,B	105	170.2	33.4	5	505	25	218.3	123.1	229.3	158.2	
LATHAM	LH5517VT2PRIB	VT2P,B	105	170.1	33.5	8	510	22	218.9	126.1	241.3	142.8	
TITAN PRO	TP 70-06	None	106	169.0	35.4	5	500	27	218.1	149.3	228.3	129.4	
NORTHSTAR	NS 105-558VT2P GC	VT2P	105	168.6	34.7	8	497	30	218.1	140.2	215.4	150.3	
VIKING	51-04	None	104	165.9	33.8	4	494	31	218.1	120.5	222.2	155.0	
THUNDER	6004 VT2P	VT2P,B	104	165.5	32.5	7	500	28	218.3	127.2	202.0	167.5	
PIONEER	P0306AM GC	AM,AQ,B	103	164.9	30.9	5	509	24	218.1	133.9	196.3	164.6	
RENK	RK642VT2P	VT2P,B	103	164.6	31.0	7	510	23	205.7	110.3	226.6	156.9	
DEKALB	DKC55-53RIB CK	STX,B	105	167.0	33.6	6	497	29	185.8	115.5	231.9	153.5	

Not in summary - Herbicide damage to conv hybrids

Not planted due to weather delays.



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<b>Averages =</b>	<b>173.7</b>	<b>33.7</b>	<b>7</b>	<b>501</b>	<b>208.5</b>	<b>126.9</b>	<b>224.7</b>	<b>153.0</b>
LSD (0.10) =	14.0	2.1	5		27.3	24.2	16.9	18.5
LSD (0.25) =	7.3	1.1	2		14.3	12.7	8.9	9.7

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.0 Drying = \$0.05 Prices: GMO = \$3.60

† 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. \*There were 2 reps for the site.

## 2019 Corn Grain - South Dakota Southeast [ SDSE ]

### Early-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technology	RM
DAIRYLAND	DS-3715AM	AM,B	98
DAIRYLAND	DS-3810AM	AM	98
DAIRYLAND	DS-4000AMXT	AMXT	101
DAIRYLAND	DS-4018AM	AM,AQ,B	101
DAIRYLAND	DS-4019AM	AM,B	99
DEKALB	DKC50-08RIB GC	STX,B	100
DEKALB	DKC55-53RIB CK	STX,B	105
DYNA-GRO	D39VC40	VT2P	98
DYNA-GRO	D43VC81	VT2P	102
EPLEY	E1012SS	STX	100
EPLEY	E1040	None	100
GOLDEN HARVEST	G00H12-3010	3010	100
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102
GOLDEN HARVEST	G02W74-3000GT	3000GT	102
HEFTY	H4922VT2PRIB	VT2P,B	99
HEFTY	H4933VT2PDGRIB	VT2P,DG,B	99
HEFTY	H5003VT2PDGRIB	VT2P,DG,B	100
HEFTY	H5132VT2P	VT2P	101
HEFTY	H5212VT2PRIB	VT2P,B	102
HEINE	6500VT2PRO	VT2P	99
HEINE	7000STX	STX	100
HEINE	739VT2PRORIB	VT2P,B	102
HEINE	EXP 6550	VT2P	99
HEINE	EXP 7010	VT2P	100
INTEGRA	4888	STX,B	98
INTEGRA	5081	VT2P,DG,B	100
INTEGRA	5280	STX,B	102
LATHAM	LH4830	None	98
LATHAM	LH4937VT2PRIB	VT2P,B	99
LATHAM	LH5025VT2PDGRIB	VT2P,DG,B	100
LATHAM	LH5077VT2PRIB	VT2P,B	100
LATHAM	LH5245VT2PRIB	VT2P,B	102
MILLER HYBRIDS	M00-49	None	100
MILLER HYBRIDS	M98-70	None	99
NK BRAND	NK0243-3120-EZR	3120,B	102
NK BRAND	NK9930-3010	3010	99

Company/Brand	Brand/Product	Technology	RM
REA	5A010	STX,B	101
REA	5A023-RIB	STX,B	102
REA	5A982-RIB	STX,B	98
REA	5B984	VT2P,B	98
RENK	RK579DGV2P	VT2P,DG,B	98
RENK	RK587VT2P	VT2P,B	97
RENK	RK608DGV2P	VT2P,DG,B	100
RENK	RK621VT2P	VT2P	102
RENK	RK626SSTX	STX	102
THUNDER	6098 VT2P	VT2P,B	98
THUNDER	6902 VT2P	VT2P,B	102
THUNDER	6999 VT2P	VT2P,B	99
TITAN PRO	70-98	None	98
TITAN PRO	84-01	None	101
TITAN PRO	91-00	None	100
TITAN PRO	91-02	None	102
VIKING	44-98	None	98
VIKING	46-96	None	96
VIKING	55-02	None	102
VIKING	99-00	None	100
WYFFELS	W1636RIB	VT2P,B	96
WYFFELS	W2196RIB	VT2P,B	99
WYFFELS	W2236	VT2P	99
WYFFELS	W2506RIB	VT2P,B	101

## 2019 Corn Grain - South Dakota Southeast [ SDSE ]

### Full-Season Test Products (56 Total)

Company/Brand	Product/Brand	Technology	RM
DAIRYLAND	DS-4310AM	AM	103
DAIRYLAND	DS-4329AM	AM,B	105
DAIRYLAND	DS-4440AM	AM,B	104
DAIRYLAND	DS-4580AM	AM	105
DAIRYLAND	DS-7004RA	PC,B	104
DEKALB	DKC54-38RIB GC	STX,B	104
DEKALB	DKC55-53RIB CK	STX,B	105
GOLDEN HARVEST	G03R40-3110	3110	103
GOLDEN HARVEST	G04S19-3122-EZR	3122,B	104
GOLDEN HARVEST	G05K08-3010A-EXR	3010,A	105
HEFTY	H5432VT2P	VT2P	104
HEFTY	H5522VT2PRIB	VT2P,B	105
HEFTY	H5624SSRIB	STX,B	106
HEFTY	H5734SS	STX	107
HEFTY	H5832VT2P	VT2P	108
HEINE	740VT2PRORIB	VT2P,B	103
HEINE	752VT2PRORIB	VT2P,B	105
HEINE	7600VT2PRO	VT2P	106
HEINE	EXP 7430	STX	104
HEINE	EXP 7550	STX	106
INTEGRA	5529	STX,B	105
INTEGRA	5719	VT2P,B	107
INTEGRA	CX931104	VT2P	104
LATHAM	LH5487VT2PRIB	VT2P,B	104
LATHAM	LH5517VT2PRIB	VT2P,B	105
LATHAM	LH5635VT2PRIB	VT2P,B	106
LATHAM	LH5725VT2PRIB	VT2P,B	107
LATHAM	LH5740	None	107
MILLER HYBRIDS	M05-72	None	105
MILLER HYBRIDS	M06-27	None	106
MILLER HYBRIDS	M06-39	None	106
NK BRAND	NK0330-3120-EZR	3120,B	103
NK BRAND	NK0472-3110	3110	104
NK BRAND	NK0624-3220-EZR	3220,B	106
NORTHSTAR	NS 105-558VT2P GC	VT2P	105
PIONEER	P0306AM GC	AM,AQ,B	103

Company/Brand	Brand/Product	Technology	RM
PIONEER	P0688AM GC	AM,B	106
REA	6A050-RIB	STX,B	105
REA	6A063	STX,B	106
REA	6B071-RIB	VT2P,B	107
REA	6D042	VT2P,DG,B	104
REA	6D054	VT2P,DG,B	105
RENK	RK642VT2P	VT2P,B	103
RENK	RK710DGVT2P	VT2P,DG,B	106
RENK	RK737SSTX	STX,B	106
THUNDER	6004 VT2P	VT2P,B	104
THUNDER	6905 VT2P	VT2P,B	105
TITAN PRO	91-07	None	107
TITAN PRO	TP 70-06	None	106
VIKING	42-05	None	105
VIKING	51-04	None	104
VIKING	84-05	None	105
WYFFELS	W4196RIB	VT2P,B	105
WYFFELS	W5086	VT2P	107
WYFFELS	W5516RIB	VT2P,B	108
WYFFELS	W5626RIB	VT2P,B	108

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

<sup>^</sup> Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark 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 Grain Technologies\*

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)
3330	Agrisure® Viptera® 3330 (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® TRIssect (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®	TRE	Genuity® Trecepta™
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
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)		

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