

2019 Corn Grain Top 30 Performance Summary for South Dakota Northeast [SDNE]

Early-Season Test

91 - 95 Day CRM

B2019SDNEa


Top 30 of 45

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

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Arlington	Bath *	Clear Lake	Mansfield REJECTED	Watertown REJECTED	Webster *
DAIRYLAND	DS-3550AM	AM	95	181.5	26.0	11	585	5	184.8	242.6	148.9	216.6	177.2	149.6
THUNDER	6094 VT2P	VT2P,B	94	180.6	23.9	3	592	1	181.8	227.7	166.8	214.4	197.2	146.0
INTEGRA	4119	VT2P,B	91	180.5	25.4	3	586	4	173.9	234.0	151.8	211.6	166.8	162.1
HEINE	EXP 6150	VT2P	94	179.9	27.6	3	574	8	173.0	218.9	168.0	214.9	168.3	160.0
DAHLMAN	R47-26VT2PRIB GC	VT2P,B	94	179.3	23.7	4	589	2	198.4	176.7	168.7	211.1	165.3	173.4
HEFTY	H4132VT2P	VT2P	91	178.6	23.3	2	589	3	178.4	227.7	164.1	205.1	165.9	144.4
LATHAM	LH4454VT2PRIB	VT2P,B	94	177.2	28.4	3	562	13	176.6	219.1	149.4	201.1	163.3	163.7
RENK	RK561DGV2P	VT2P,DG	95	176.6	28.2	3	562	14	177.7	237.6	145.1	211.7	164.0	146.0
HEFTY	H4222VT2PRIB	VT2P,B	92	176.5	26.6	3	568	10	165.2	234.6	148.7	204.4	164.7	157.4
HEFTY	H4332VT2P	VT2P	93	176.2	26.6	5	567	11	179.3	224.0	147.1	211.1	168.0	154.7
LATHAM	LH4375VT2PRIB	VT2P,B	93	175.7	24.3	4	575	6	172.6	226.5	148.4	202.6	166.3	155.3
FEDERAL	4190VT2PRIB	VT2P,B	91	175.3	24.2	2	575	7	171.5	230.2	152.8	202.6	166.3	146.7
FEDERAL	4185VT2PRIB	VT2P,B	91	174.3	24.5	4	569	9	184.4	209.8	172.1	202.4	168.8	130.9
RENK	RK433VT2P	VT2P	92	174.2	25.7	3	565	12	192.1	207.3	139.9	204.4	160.0	157.4
THUNDER	6992 VT2P	VT2P,B	92	172.0	25.6	2	558	15	200.7	210.6	142.2	204.4	169.9	134.7
FEDERAL	4300VT2P	VT2P	93	171.7	25.9	3	555	16	172.1	214.8	156.4	202.4	168.0	143.4
FEDERAL	4440VT2PRIB	VT2P,B	94	170.6	29.2	2	539	21	198.2	199.0	152.8	202.7	162.2	132.7
LATHAM	LH4517VT2PRIB	VT2P,B	95	168.0	26.5	4	540	19	181.8	185.8	162.4	202.9	162.2	142.0
THUNDER	6791 VT2P	VT2P,B	91	167.4	24.4	2	548	18	160.8	212.9	139.2	196.6	161.3	156.7
THUNDER	6993 VT2P	VT2P,B	93	167.2	24.1	2	548	17	192.6	214.9	145.5	202.2	166.1	115.7
DAHLMAN	R48-28VT2PRIB GC	VT2P,B	95	166.8	29.0	3	527	23	169.9	205.2	141.7	202.5	166.3	150.3
INTEGRA	CX901094	VT2P	94	164.5	24.0	5	539	20	155.0	210.2	151.8	202.3	160.7	141.0
FEDERAL	4580VT2PRIB	VT2P,B	95	164.5	29.0	4	522	24	176.3	207.5	126.7	202.5	168.5	147.4
HEFTY	H4322VT2PRIB	VT2P,B	93	163.8	25.3	3	533	22	165.3	196.4	140.2	207.5	162.5	153.4
HEFTY	H4522VT2PRIB	VT2P,B	95	161.3	28.4	4	512	28	170.0	183.5	140.8	196.8	160.6	150.9
TITAN PRO	82-95 2P GC	VT2P,B	95	160.8	27.7	5	512	27	170.3	164.1	150.2	202.6	169.6	158.5
LATHAM	LH4437VT2PRIB	VT2P,B	94	160.3	25.2	5	519	25	114.9	222.5	172.6	199.8	164.0	131.1
GOLDEN HARVEST	G91V51-3110A	3110,A	91	156.9	25.5	5	509	29	173.9	214.1	135.1	215.1	166.9	104.5
HEINE	6230	NA	95	156.8	25.5	3	509	30	173.5	168.4	147.0	214.1	220.9	138.2
HEINE	EXP 6100	VT2P	93	156.2	26.2	2	505	31	178.6	145.6	132.3	193.7	181.8	168.5
DEKALB	DKC47-54 RIB CK	STX,B	97	162.2	28.1	3	516	26	184.5	199.5	135.6	196.0	196.2	129.0

Data rejected - Not in summary

Data rejected due to water damage yield variability - Not in Summary

	Averages =	161.1	26.6	4	523	166.2	197.2	144.1	205.6	200.3	142.9
	LSD (0.10) =	17.3	1.3	3		31.5	37.0	22.1	16.6	22.3	23.6
	LSD (0.25) =	9.1	0.7	2		16.5	19.3	11.6	8.7	11.7	12.4

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.2 Drying = \$0.03 Prices: GMO = \$3.50

† 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 Top 30 Performance Summary for South Dakota Northeast [SDNE]

Full-Season Test

96 - 100 Day CRM

B2019SDNEb

Top 30 of 45

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

Company/Brand	Product/Brand	Technol. †	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Arlington	Bath	Clear Lake *	Mansfield	Watertown * REJECTED	Webster REJECTED	
RENK	RK593VT2P	VT2P	96	199.8	27.5	3	640	1	201.1	234.3	151.5	212.5	226.6	132.5	
FEDERAL	4999VT2PRIB	VT2P,B	99	192.3	27.9	2	612	3	161.5	219.8	160.5	227.3	119.9	150.9	
DAIRYLAND	DS-3519AM	AM,B	96	191.7	24.9	2	627	2	177.2	248.9	110.5	230.3	31.5	150.5	
THUNDER	6999 VT2P	VT2P,B	99	189.8	27.6	2	610	4	196.7	226.9	119.2	216.5	48.5	126.1	
HEFTY	H4612VT2PRIB	VT2P,B	96	187.0	29.8	5	590	9	182.3	214.7	132.8	218.2	38.5	137.3	
PROSEED	1996VT2PRIB GC	VT2P,B	96	186.9	28.1	2	597	6	164.8	236.3	124.3	222.3	38.9	155.2	
FEDERAL	4880VT2PRIB	VT2P,B	98	186.8	28.0	4	596	7	196.1	210.4	134.0	206.7	30.7	132.5	
NK BRAND	NK9659-3120-EZR	3120,B	96	185.8	26.4	3	599	5	180.5	224.1	126.0	212.5	99.0	137.5	
LATHAM	LH4937VT2PRIB	VT2P,B	99	184.5	27.9	1	590	8	185.8	219.6	117.0	215.8	9.7	132.2	
DAIRYLAND	DS-3810AM	AM	98	183.6	29.3	2	582	11	175.8	226.1	120.0	212.4	30.2	137.6	
HEFTY	H4812VT2PRIB	VT2P,B	98	182.5	29.1	1	576	14	159.9	206.8	153.4	210.1	37.2	137.7	
RENK	RK587VT2P	VT2P,B	97	181.9	28.8	2	577	12	180.7	215.2	136.1	195.8	31.3	137.6	
THUNDER	6996 VT2P	VT2P,B	96	181.5	29.7	4	571	15	153.0	204.3	149.9	218.8	31.4	137.8	
RENK	RK579DGV2P	VT2P,DG,B	98	181.4	30.9	4	567	17	187.3	211.8	112.8	213.7	34.4	137.5	
NK BRAND	NK9610-3010	3010	96	181.1	26.1	3	585	10	173.0	223.0	114.2	214.3	31.7	137.7	
HEINE	EXP 7010	VT2P	100	180.9	31.0	2	564	20	175.6	213.4	129.0	205.5	31.5	137.3	
LATHAM	EX 5035 VT2P	VT2P	100	180.5	30.6	2	568	16	199.2	224.3	89.1	209.5	31.9	137.0	
HEINE	6500VT2PRO	VT2P	99	178.8	29.0	3	566	18	166.5	209.8	128.0	210.7	31.3	137.1	
NK BRAND	NK9930-3010	3010	99	178.5	28.7	3	564	21	179.7	196.9	129.1	208.2	31.3	137.9	
LATHAM	LH4657VT2PRIB	VT2P,B	96	177.2	30.1	3	559	23	167.7	222.0	112.8	206.3	35.4	137.5	
GOLDEN HARVEST	G00H12-3010	3010	100	176.5	27.3	2	565	19	178.0	212.3	121.8	194.1	37.8	137.5	
DAIRYLAND	DS-3715AM	AM,B	98	176.2	24.5	4	577	13	177.3	208.0	106.8	212.9	39.1	137.4	
INTEGRA	4782	VT2P,B	97	175.8	29.4	2	557	24	178.2	206.2	114.5	204.3	34.5	137.0	
FEDERAL	4680VT2PRIB	VT2P,B	96	175.6	29.9	2	555	25	174.0	210.4	107.5	210.7	34.9	152.7	
DAIRYLAND	DS-3750AM	AM	97	175.4	27.9	2	561	22	183.2	205.7	102.3	210.5	35.8	124.0	
HEFTY	H4933VT2PDGRIB	VT2P,DG,B	99	173.9	31.5	2	542	31	158.0	211.7	97.2	228.9	30.3	152.3	
HEFTY	H4922VT2PRIB	VT2P,B	99	173.7	28.6	2	553	26	171.3	214.8	107.2	201.6	34.4	148.6	
HEFTY	H4732VT2P	VT2P	97	173.5	28.7	3	553	27	152.5	215.7	118.2	207.7	38.5	142.5	
HEINE	EXP 6550	VT2P	99	173.4	29.5	6	546	29	140.6	211.9	135.8	205.2	143.7	152.1	
GOLDEN HARVEST	G97N86-3220-EZR	3220,B	97	172.1	27.8	2	551	28	168.1	205.2	106.9	208.3	168.3	170.6	
DEKALB	DKC47-54 RIB CK	STX,B	97	171.6	29.1	2	543	30	152.1	215.0	112.0	207.2	215.5	140.5	
				Averages =	182.0	29.1	2	557		169.8	210.0	117.9	209.0	186.3	137.1
				LSD (0.10) =	10.3	1.2	1			20.1	16.6	17.9	13.4	61.1	25.7
				LSD (0.25) =	5.4	0.7	1			10.5	8.7	9.4	7.0	31.9	13.5

Data rejected due to water damage yield variability - Not in Summary



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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.2 Drying = \$0.03 Prices: GMO = \$3.50

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2019 Corn Grain - South Dakota Northeast [SDNE]

Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RM
DAHLMAN	R47-26VT2PRIB GC	VT2P,B	94
DAHLMAN	R48-28VT2PRIB GC	VT2P,B	95
DAIRYLAND	DS-3518AMXT	AMXT,B	95
DAIRYLAND	DS-3550AM	AM	95
DAIRYLAND	DS-7294A	3220	94
DEKALB	DKC47-54 RIB CK	STX,B	97
FEDERAL	4185VT2PRIB	VT2P,B	91
FEDERAL	4190VT2PRIB	VT2P,B	91
FEDERAL	4300VT2P	VT2P	93
FEDERAL	4440VT2PRIB	VT2P,B	94
FEDERAL	4580VT2PRIB	VT2P,B	95
GOLDEN HARVEST	G90Y04-3220A-EZR	3220,A,B	92
GOLDEN HARVEST	G91V51-3110A	3110,A	91
GOLDEN HARVEST	G95D32-3220-EZR	3220,B	95
HEFTY	H4132VT2P	VT2P	91
HEFTY	H4222VT2PRIB	VT2P,B	92
HEFTY	H4322VT2PRIB	VT2P,B	93
HEFTY	H4332VT2P	VT2P	93
HEFTY	H4522VT2PRIB	VT2P,B	95
HEINE	6200VT2PRORIB	VT2P,B	95
HEINE	6225STX	STX	95
HEINE	6230	NA	95
HEINE	EXP 6100	VT2P	93
HEINE	EXP 6150	VT2P	94
INTEGRA	4119	VT2P,B	91
INTEGRA	4342	VT2P,B	93
INTEGRA	4509	VT2P,B	95
INTEGRA	CX901094	VT2P	94
LATHAM	EX 4123 3010	3010	91
LATHAM	LH4375VT2PRIB	VT2P,B	93
LATHAM	LH4437VT2PRIB	VT2P,B	94
LATHAM	LH4454VT2PRIB	VT2P,B	94
LATHAM	LH4517VT2PRIB	VT2P,B	95
NK BRAND	NK9175-3110A	3110,A	91
NK BRAND	NK9227-3220A-EZR	3220,A,B	92
PIONEER	P9188AMXT GC	AMXT	91

Company/Brand	Brand/Product	Technology	RM
RENK	RK433VT2P	VT2P	92
RENK	RK561DGV2P	VT2P,DG	95
THUNDER	6094 VT2P	VT2P,B	94
THUNDER	6595 VT2P	VT2P,B	95
THUNDER	6791 VT2P	VT2P,B	91
THUNDER	6992 VT2P	VT2P,B	92
THUNDER	6993 VT2P	VT2P,B	93
TITAN PRO	82-95 2P GC	VT2P,B	95
TITAN PRO	90-94 2P GC	VT2P,B	94

2019 Corn Grain - South Dakota Northeast [SDNE]

Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RM
DAIRYLAND	DS-3519AM	AM,B	96
DAIRYLAND	DS-3715AM	AM,B	98
DAIRYLAND	DS-3750AM	AM	97
DAIRYLAND	DS-3810AM	AM	98
DAIRYLAND	DS-4019AM	AM,B	99
DEKALB	DKC47-54 RIB CK	STX,B	97
DEKALB	DKC50-08RIB GC	STX,B	100
DYNA-GRO	D39VC40	VT2P	98
FEDERAL	4680VT2PRIB	VT2P,B	96
FEDERAL	4800VT2P	VT2P,B	98
FEDERAL	4880VT2PRIB	VT2P,B	98
FEDERAL	4990VT2PRIB	VT2P,B	99
FEDERAL	4999VT2PRIB	VT2P,B	99
GOLDEN HARVEST	G00H12-3010	3010	100
GOLDEN HARVEST	G97N86-3220-EZR	3220,B	97
GOLDEN HARVEST	G98L17-3000GT	3000GT	98
HEFTY	H4612VT2PRIB	VT2P,B	96
HEFTY	H4732VT2P	VT2P	97
HEFTY	H4812VT2PRIB	VT2P,B	98
HEFTY	H4922VT2PRIB	VT2P,B	99
HEFTY	H4933VT2PDGRIB	VT2P,DG,B	99
HEINE	6500VT2PRO	VT2P	99
HEINE	7000STX	STX	100
HEINE	EXP 6550	VT2P	99
HEINE	EXP 7010	VT2P	100
INTEGRA	4782	VT2P,B	97
INTEGRA	4888	STX,B	98
INTEGRA	5081	VT2P,DG,B	100
LATHAM	EX 5035 VT2P	VT2P	100
LATHAM	LH4657VT2PRIB	VT2P,B	96
LATHAM	LH4937VT2PRIB	VT2P,B	99
LATHAM	LH5025VT2PDGRIB	VT2P,DG,B	100
LATHAM	LH5377VT2PRIB	VT2P,B	100
NK BRAND	NK9610-3010	3010	96
NK BRAND	NK9659-3120-EZR	3120,B	96
NK BRAND	NK9930-3010	3010	99

Company/Brand	Brand/Product	Technology	RM
PIONEER	P9998AMXT GC	AMXT,AQ,B	99
PROSEED	1996VT2PRIB GC	VT2P,B	96
RENK	RK579DGVT2P	VT2P,DG,B	98
RENK	RK587VT2P	VT2P,B	97
RENK	RK593VT2P	VT2P	96
RENK	RK608DGVT2P	VT2P,DG,B	100
THUNDER	6098 VT2P	VT2P,B	98
THUNDER	6996 VT2P	VT2P,B	96
THUNDER	6999 VT2P	VT2P,B	99

Footnotes and Abbreviations Descriptions

Brand Footnotes

[^] 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.