

2017 Corn Grain Top 30 Performance Summary for South Dakota Northeast [SDNE]



Early-Season Test

91 - 95 Day CRM

B2017SDNEa

Top 30 of 45

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Arlington	Cavour		Watertown		Webster
				Bu/A ↓	%	%	\$/A	Rank		Bath	Clear Lake			
Federal	4580VT2P	VT2P	95	219.3	18.8	4	637	1	237.9	250.3	154.1	229.0	222.8	221.6
Heine	6200VT2PRO	VT2P	95	217.3	18.8	3	631	3	225.7	267.5	135.0	238.4	228.8	208.1
Heine	632VT2PRORIB	VT2P,B	96	216.5	18.2	3	632	2	221.0	245.3	149.2	231.4	235.4	216.9
Latham	LH4242VT2ProRIB	VT2P,B	92	216.2	18.5	2	630	4	232.9	254.0	143.9	223.3	225.6	217.6
Heine	627VT3PRORIB	VT3P,B	95	214.9	18.4	2	626	6	227.1	243.7	160.2	211.5	223.7	223.2
Latham	LH4147VT2ProRIB	VT2P,B	91	213.9	17.8	3	627	5	232.5	253.7	136.4	227.7	212.0	221.2
Federal	4470VT2P	VT2P	94	213.0	18.7	3	619	8	224.2	258.0	144.6	229.9	221.2	200.2
Mustang	3294VT2PRIB	VT2P,B	94	212.7	18.3	3	621	7	209.7	259.4	140.1	231.4	233.2	202.3
Latham	LH4454VT2ProRIB	VT2P,B	94	212.5	18.7	2	618	9	225.1	251.4	133.6	227.5	221.6	216.0
Thunder	7993VT2PRIB	VT2P,B	93	211.7	18.4	2	617	10	230.7	245.9	141.4	218.2	218.4	215.7
Dyna-Gro	D34VC54	VT2P	94	211.5	18.4	4	617	11	230.9	248.2	145.8	216.0	210.7	217.3
Renk	RK568VT3P	VT3P,B	95	211.5	18.5	3	616	12	229.2	251.4	158.2	224.4	210.6	195.3
Golden Harvest	G90Y04-3110A	3110,A	92	210.6	18.1	8	615	13	221.8	242.0	134.8	240.8	212.8	211.4
REA	4A942-RIB	STX,B	94	209.6	18.1	4	613	14	227.3	239.9	151.7	225.1	208.9	204.9
Legacy Seeds	L-3416VT2PRORIB	VT2P,B	94	209.2	18.3	4	610	15	200.9	247.8	156.5	235.4	217.0	197.4
NuTech	5G-293	3010	93	208.8	18.5	6	608	17	207.5	238.3	149.0	216.4	216.9	224.4
Mustang	3292VT2PRIB	VT2P,B	92	208.6	18.4	3	608	18	225.5	254.2	137.9	223.9	214.3	195.7
Latham	LH4437VT2ProRIB	VT2P,B	94	208.5	18.3	4	608	19	220.2	233.9	132.1	225.8	233.0	205.8
Federal	4185VT2P	VT2P	91	207.7	17.8	3	609	16	213.1	251.9	136.0	232.7	215.6	196.8
Hefty	H4402VT2PRIB	VT2P,B	94	206.9	18.4	4	603	22	211.1	257.3	137.9	227.4	211.1	196.5
Heine	615VT2PRO	VT2P	95	206.7	18.5	4	602	23	226.4	234.6	137.2	222.1	222.3	197.3
Federal	4180VT2P	VT2P	91	206.4	17.8	2	605	20	221.5	248.4	150.0	221.3	210.8	186.2
Renk	RK566SSTX	STX,B	94	205.9	18.5	2	600	25	228.8	247.4	131.5	228.8	215.5	183.3
Hefty	H4102VT2PRIB	VT2P,B	91	205.8	17.7	3	604	21	189.6	246.4	138.4	220.4	211.6	228.6
Thunder	6794VT2PRIB	VT2P,B	94	205.7	18.5	3	599	27	218.2	246.2	131.3	231.7	216.8	189.8
Thunder	6791VT2PRIB	VT2P,B	91	205.1	17.8	2	601	24	211.2	240.1	132.1	223.3	219.1	204.5
Dairyland	DS-7294	3110	94	204.8	18.3	5	598	28	235.5	229.4	142.1	220.6	209.4	191.5
Thunder	7793SSRIB	STX,B	93	204.0	18.2	2	596	30	218.9	256.9	128.6	217.1	209.0	193.7
REA	4B931-RIB	VT2P,B	93	203.9	17.7	2	598	29	222.1	236.8	130.1	224.1	228.0	182.2
REA	3B910	VT2P,B	91	203.6	17.1	2	600	26	204.5	249.2	116.2	221.8	219.0	211.1
Dekalb	DKC46-36RIB CK	STX,B	96	204.2	18.7	3	594	33	224.9	225.5	148.7	222.9	203.3	200.1

Averages =	204.7	18.2	3	598	215.3	239.3	137.1	223.7	214.7	198.2
LSD (0.10) =	7.8	0.2	1		15.6	15.0	19.0	11.0	16.8	22.3
LSD (0.25) =	4.1	0.1	1		8.2	7.9	10.0	5.8	8.8	11.7

Previous years average yield for region, 168.2 bu/a, 15 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.

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Revised:

2017 Corn Grain Top 30 Performance Summary for South Dakota Northeast [SDNE]



Full-Season Test

96 - 100 Day CRM

B2017SDNEb

Top 30 of 45

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Arlington		Cavour		Watertown	
				Bu/A ↓	%	%	\$/A	Rank	Bath	Clear Lake	Webster			
Mustang	4296VT2PRIB	VT2P,B	96	230.3	18.8	3	669	1	238.1	256.8	132.3	269.4	245.4	239.8
Latham	LH4657VT2Pro	VT2P	96	228.0	19.0	4	661	2	242.8	258.0	130.1	260.8	233.3	242.8
Hefty	H5003VT2PDGRIB	VT2P,DG,B	100	223.6	19.3	2	647	4	220.6	253.3	144.9	257.5	229.1	236.1
Hefty	H4612VT2P	VT2P	96	223.4	18.9	3	648	3	232.8	243.4	121.8	260.6	241.7	240.3
Federal	4770VT2PRIB	VT2P,B	97	223.3	19.2	3	646	5	227.8	264.9	135.7	270.9	232.2	208.1
Hefty	H4812VT2P	VT2P	98	222.7	18.9	3	646	6	211.7	250.9	142.3	259.9	232.4	239.2
Dyna-Gro	D39DC43	VT2P,DG	99	222.7	19.3	3	644	8	225.9	261.1	134.5	266.7	227.6	220.1
Heine	6350VT2PRO	VT2P	97	221.8	18.7	3	645	7	211.1	245.3	152.0	260.6	225.9	235.6
Mustang	5299VT2PRIB	VT2P,B	99	220.9	18.5	3	643	9	228.4	251.5	142.3	259.9	218.4	224.6
Heine	6250VT2PRO	VT2P	96	220.9	19.1	2	640	11	231.6	248.1	144.0	249.7	237.3	214.5
LG Seeds	LG5465VT2P	VT2P	97	220.6	19.1	3	639	12	219.4	256.9	137.2	253.4	238.9	218.0
Federal	4880VT2P	VT2P	98	220.3	18.7	3	641	10	221.3	244.1	143.6	249.1	229.8	234.0
Legacy Seeds	L-3712VT2PRORIB	VT2P,B	96	219.4	18.9	2	637	13	211.4	251.3	142.4	272.0	220.1	219.4
Hefty	H4912VT2P	VT2P	99	218.4	18.7	4	635	14	217.8	254.3	133.2	254.2	226.2	224.8
LG Seeds	LG5494VT2P	VT2P	99	217.8	19.0	3	632	15	214.9	249.4	142.1	249.5	222.2	228.8
REA	5A001	STX,B	100	217.3	20.3	5	623	19	215.3	251.6	108.3	259.5	243.3	226.0
Renk	RK608DGVT2P	VT2P,DG,B	100	215.9	19.2	3	625	17	221.8	251.7	138.2	252.0	199.8	231.6
Golden Harvest	G96V99-3120-EZR	3120,B	96	215.4	18.5	7	627	16	227.1	252.0	113.0	247.6	214.5	237.9
Mustang	4297VT2PRIB	VT2P,B	97	214.7	19.3	3	621	20	218.1	239.3	131.2	225.5	237.6	236.5
Legacy Seeds	L-3816VT2PRODG	VT2P,B	98	214.3	19.4	3	619	22	220.0	245.5	128.0	253.2	226.7	212.6
NuTech/G2 Gen	5F-196 ⁴	AM,B	96	214.2	18.4	4	624	18	207.9	255.4	153.4	232.2	225.4	211.1
Renk	RK612SSTX	STX,B	100	214.1	19.0	4	621	21	226.7	243.6	125.5	250.6	221.3	217.1
Latham	LH5025VT2ProDG	VT2P,DG	100	213.4	19.2	3	618	23	194.4	246.8	143.4	254.1	201.1	240.7
Mustang	5700VT2PDGRIB	VT2P,DG,B	100	212.8	19.3	3	616	24	210.8	243.7	136.8	238.5	224.4	222.6
Latham	LH4919SS	STX	99	212.7	19.5	5	614	27	222.5	225.2	147.2	255.9	212.9	212.2
REA	5A982-RIB	STX,B	98	211.8	18.8	4	615	26	206.0	254.8	124.7	256.3	227.4	201.6
Heine	712STXRIB	STX,B	100	211.4	19.8	2	609	29	205.6	257.8	137.5	220.3	219.7	227.3
Latham	LH5095VT2ProRIB	VT2P,B	100	211.0	19.1	2	611	28	204.4	238.3	137.7	242.9	214.2	228.3
Thunder	4600RR	RR2	100	207.8	19.0	3	603	30	193.1	242.3	132.0	258.2	217.2	203.8
REA	4A973	STX,B	97	206.7	18.7	3	601	31	194.4	237.0	142.0	225.1	212.6	229.1
Dekalb	DKC46-36RIB CK	STX,B	96	212.4	19.0	3	616	25	197.7	253.2	127.7	239.9	214.8	240.9

Averages =	212.1	19.1	3	615	211.1	243.3	129.1	246.6	220.1	222.3
LSD (0.10) =	7.1	0.2	1		17.7	15.1	13.4	15.7	16.9	13.6
LSD (0.25) =	3.8	0.1	1		9.3	7.9	7.0	8.2	8.8	7.1

Previous years average yield for region, 168.2 bu/a, 15 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.

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Revised:

Early-Season Test Products (45 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Anderson	795R GC	RR2	MQ	95
Dairyland	DS-6091	RR2	CM,C2	91
Dairyland	DS-7294	3110	CM,C5,Vi,In	94
Dekalb	DKC44-13RIB GC	STX,B	AC,P5V	94
Dekalb	DKC46-36RIB CK	STX,B	AC,P5V	96
Dyna-Gro	D34VC54	VT2P	AC,P5V	94
Federal	4180VT2P	VT2P	AC,P5V	91
Federal	4185VT2P	VT2P	AC,P5V	91
Federal	4470VT2P	VT2P	AC,P5V	94
Federal	4580VT2P	VT2P	AC,P5V	95
Golden Harvest	G90Y04-3110A	3110,A	AVC,C2,Vi	92
Golden Harvest	G94U87-3110A	3110,A	AVC,C2,Vi	94
Hefty	H4102VT2PRIB	VT2P,B	AC,P2,In	91
Hefty	H4402VT2PRIB	VT2P,B	AC,P2,In	94
Heine	615VT2PRO	VT2P	AC,P5V	95
Heine	6200VT2PRO	VT2P	AC,P5V	95
Heine	627VT3PRORIB	VT3P,B	AC,P2	95
Heine	632VT2PRORIB	VT2P,B	AC,P2	96
King Seed	4640-3010A	3010,A	CM,C2	94
Latham	LH4147VT2ProRIB	VT2P,B	AC,P2	91
Latham	LH4242VT2ProRIB	VT2P,B	AC,P2	92
Latham	LH4437VT2ProRIB	VT2P,B	AC,P2	94
Latham	LH4454VT2ProRIB	VT2P,B	AC,P2	94
Legacy Seeds	L-3017VT2PRO	VT2P	AC,P2	90
Legacy Seeds	L-3115VT2PRORIB	VT2P,B	AC,P2	92
Legacy Seeds	L-3416VT2PRORIB	VT2P,B	AC,P2	94
Legacy Seeds	LX-3047VT2PRO	VT2P	AC,P2	91
LG Seeds	LG5420-3110A	3110,A	AC,P5V	94
Mustang	3292VT2PRIB	VT2P,B	AC,P2	92
Mustang	3294VT2PRIB	VT2P,B	AC,P2	94
Mustang	4291VT2PRIB	VT2P,B	AC,P2	91
Mustang	4895SSRIB	STX,B	AC,P2	95
NuTech	5G-293	3010	MQ,P5V,R	93
NuTech/G2 Gen	X5FN-9502^	OI	MQ,P1V,R	95
REA	3A922-RIB	STX,B	AC,P5V	92
REA	3B910	VT2P,B	AC,P5V	91
REA	4A942-RIB	STX,B	AC,P5V	94
REA	4B931-RIB	VT2P,B	AC,P5V	93
Renk	RK522SSTX	STX,B	AC,P5V	94
Renk	RK566SSTX	STX,B	AC,P5V	94
Renk	RK568VT3P	VT3P,B	AC,P5V	95
Thunder	6791VT2PRIB	VT2P,B	AC,P2	91

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Thunder	6794VT2PRIB	VT2P,B	AC,P2	94
Thunder	7793SSRIB	STX,B	AC,P2	93
Thunder	7993VT2PRIB	VT2P,B	AC,P2	93

2017 Corn Grain - South Dakota Northeast [SDNE]



Full-Season Test Products (45 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Dairyland	DS-9599	3000GT	CM,C5,Vi,In	99
Dekalb	DKC46-36RIB CK	STX,B	AC,P5V	96
Dyna-Gro	D39DC43	VT2P,DG	AC,P5V	99
Federal	4760VT2PRIB	VT2P,B	AC,P2	97
Federal	4770VT2PRIB	VT2P,B	AC,P2	97
Federal	4880VT2P	VT2P	AC,P5V	98
Federal	5060SSTAXRIB	STX,B	AC,P5V	100
Golden Harvest	G96V99-3120-EZR	3120,B	AVC,C2,Vi	96
Golden Harvest	G98L17-3000GT	3000GT	AVC,C2,Vi	98
Hefty	H4612VT2P	VT2P	AC,P2,In	96
Hefty	H4812VT2P	VT2P	AC,P2,In	98
Hefty	H4912VT2P	VT2P	AC,P2,In	99
Hefty	H5003VT2PDGRIB	VT2P,DG,B	AC,P2,In	100
Heine	6250VT2PRO	VT2P	AC,P5V	96
Heine	6350VT2PRO	VT2P	AC,P5V	97
Heine	637STX	STX	AC,P5V	99
Heine	712STXRIB	STX,B	AC,P5V	100
Latham	LH4657VT2Pro	VT2P	AC,P5V	96
Latham	LH4919SS	STX	AC,P5V	99
Latham	LH5025VT2ProDG	VT2P,DG	AC,P5	100
Latham	LH5095VT2ProRIB	VT2P,B	AC,P2	100
Legacy Seeds	L-3712VT2PRORIB	VT2P,B	AC,P2	96
Legacy Seeds	L-3816VT2PRODG	VT2P,B	AC,P2	98
Legacy Seeds	L-3916GENSSRIB	STX,B	AC,P5V	99
LG Seeds	LG5465VT2P	VT2P	AC,P5V	97
LG Seeds	LG5494VT2P	VT2P	AC,P5V	99
Mustang	4296VT2PRIB	VT2P,B	AC,P2	96
Mustang	4297VT2PRIB	VT2P,B	AC,P2	97
Mustang	5299VT2PRIB	VT2P,B	AC,P2	99
Mustang	5700VT2PDGRIB	VT2P,DG,B	AC,P2	100
NuTech	5N-800	3011,A	MQ,P5V,R	100
NuTech/G2 Gen	5F-196^	AM,B	MQ,P5V,R	96
NuTech/G2 Gen	5FN-5096^	OI	MQ,P1V,R	96
NuTech/G2 Gen	5FN-6097^	OI	MQ,P1V,R	97
NuTech/G2 Gen	5FN-7099^	OI	MQ,P1V,R	99
REA	4A973	STX,B	AC,P5V	97
REA	5A001	STX,B	AC,P5V	100
REA	5A981-RIB	STX,B	AC,P5V	98
REA	5A982-RIB	STX,B	AC,P5V	98
Renk	RK595SSTX	STX,B	AC,P5V	99
Renk	RK608DGVT2P	VT2P,DG,B	AC,P2	100
Renk	RK612SSTX	STX,B	AC,P5V	100

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Thunder	4600RR	RR2	AC,P2	100
Thunder	6798VT2PRIB	VT2P,B	AC,P2	98
Thunder	7396VT2PRIB	VT2P,B	AC,P2	96

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

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