

2017 Corn Grain Top 30 Performance Summary for Minnesota West Central [MNWC]



Early-Season Test

93 - 98 Day CRM

B2017MNWCa

Top 30 of 54

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Clinton	Lester Prairie			Starbuck	Winthrop
				Bu/A ↓	%	%	\$/A	Rank		Kerkhoven	Litchfield			
Federal	4580VT2P	VT2P	95	219.2	18.3	0	618	1	219.8	194.1	218.7	231.6	199.6	206.5
Latham	LH4657VT2Pro	VT2P	96	216.2	18.5	0	608	3	217.9	180.4	223.3	215.5	207.5	208.2
Enestvedt	E656SSRIB	STX,B	95	215.9	18.1	1	609	2	216.3	176.5	209.5	225.7	177.7	212.2
Dahlman	R48-28VT2P	VT2P	95	215.6	18.3	0	607	4	228.3	184.4	218.4	210.7	193.9	205.0
Hefty	H4612VT2P	VT2P	96	214.3	18.3	0	604	5	214.9	193.5	219.0	210.6	203.9	212.6
Dahlman	R48-21VT2P	VT2P	96	213.1	18.1	0	601	7	217.7	200.0	216.3	204.6	200.0	213.8
NuTech/G2 Gen	5F-196^	AM,B	96	212.9	17.8	0	603	6	191.7	170.0	224.4	224.3	190.0	211.1
Mustang	4297VT2PRIB	VT2P,B	97	211.9	19.0	0	593	10	210.6	206.0	206.9	216.6	200.0	213.4
Renk	RK596SSTX	STX,B	98	211.1	18.2	0	595	8	219.6	190.0	218.4	207.2	200.0	199.3
Hefty	H4812VT2P	VT2P	98	210.9	18.2	0	595	9	221.9	180.0	219.1	197.8	200.0	204.9
Dahlman	R49-23VT2PRIB	VT2P,B	98	209.8	18.6	0	590	12	210.2	200.0	217.4	199.2	200.0	212.2
Latham	LH4454VT2ProRIB	VT2P,B	94	209.4	18.2	0	591	11	214.0	180.0	206.6	210.6	200.0	206.4
Hefty	H4504SSRIB	STX,B	95	208.8	17.9	0	590	13	211.4	170.0	213.0	209.1	190.0	201.8
Golden Harvest	G97N86-3110	3110	97	208.1	17.6	0	590	14	205.8	200.0	212.4	216.1	190.0	198.2
Mustang	3894SSRIB	STX,B	94	207.7	17.8	0	588	15	212.7	180.0	209.8	214.9	200.0	193.4
LG Seeds	LG5465VT2P	VT2P	97	207.7	18.4	0	585	17	208.1	180.0	210.6	221.9	190.0	190.3
Legacy Seeds	L-3626VT2PRORIB	VT2P,B	97	207.4	18.4	0	584	18	205.4	180.0	206.7	212.7	200.0	204.9
Dairyland	DS-7294	3110	94	207.2	17.5	0	588	16	216.2	170.0	199.5	213.7	200.0	199.2
Legacy Seeds	L-3712VT2PRORIB	VT2P,B	96	207.2	18.2	0	584	19	209.9	160.0	209.8	204.7	200.0	204.3
Legacy Seeds	L-3816VT2PRODGD	VT2P,B	98	206.1	18.8	0	578	26	193.1	160.0	223.9	201.6	190.0	205.6
Titan Pro	TP 61-94 3110A	3110,A	94	206.0	17.6	1	584	20	220.6	180.0	201.1	210.8	200.0	191.4
Mustang	3294VT2PRIB	VT2P,B	94	205.8	17.5	0	584	21	205.3	180.0	207.2	212.0	200.0	198.5
Thunder	4695RR	RR2	95	205.5	18.3	0	579	23	197.8	170.0	211.8	204.6	200.0	207.7
Dahlman	R49-342SSRIB	STX,B	98	205.5	18.7	0	577	27	214.7	160.0	201.7	207.2	200.0	198.5
Titan Pro	TP 58-95 SS	STX	95	204.9	17.9	0	579	24	202.0	160.0	206.4	217.3	190.0	193.9
Titan Pro	TP 78-98 SS	STX	98	204.8	18.6	0	575	28	195.5	182.6	212.9	206.6	203.4	204.0
LG Seeds	LG5420-3110A	3110,A	94	204.3	17.5	1	580	22	204.9	181.8	220.0	197.8	180.3	194.3
Proseed	1591VT2PRIB	VT2P,B	91	204.2	17.5	0	579	25	207.1	158.9	196.3	218.9	181.2	194.3
Anderson	795R	RR2	95	202.1	18.0	0	571	29	202.1	180.2	198.1	210.6	180.8	197.5
Hefty	H4402VT2PRIB	VT2P,B	94	201.8	17.9	0	571	30	198.1	186.6	203.6	205.9	188.0	199.4
Dekalb	DKC52-84RIB CK	STX,B	102	200.0	18.6	0	562	38	203.6	188.2	206.1	208.4	186.0	181.7

Data Rejected - Not in Summary

Data Rejected - Not in Summary

Averages =	202.9	18.0	0	573	202.2	181.4	207.7	205.7	197.3	195.9
LSD (0.10) =	7.1	0.3	0		11.7	23.0	13.9	14.1	ns	9.0
LSD (0.25) =	3.8	0.2	0		6.1	16.0	7.3	7.4	ns	4.7

Previous years average yield for region, 194.1 bu/a, 15 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$2.90 GMO; \$2.90 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.

Additional reports available at www.firstseedtests.com.

©2017, all rights reserved by Elite Field Genetics, LLC

Report Date: 11/15/2017

Revised:

2017 Corn Grain Top 30 Performance Summary for Minnesota West Central [MNWC]



Full-Season Test

99 - 102 Day CRM

B2017MNWcb

Top 30 of 45

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Clinton	Lester Prairie			Starbuck	
				Bu/A ↓	%	%	\$/A	Rank		Kerkhoven	Litchfield	Winthrop		
Dahlman	R52-24VT2P	VT2P	103	223.0	19.1	0	624	1	221.6	184.7	230.3	226.5	190.1	213.7
Federal	5280VT2P	VT2P	102	221.5	19.5	0	617	2	229.5	178.9	216.0	209.8	198.1	230.5
Federal	5280SSTAX GC	STX	102	221.3	19.5	0	617	3	218.8	191.5	221.4	216.2	181.0	228.8
Hefty	H5214SS	STX	102	220.7	19.5	0	615	4	207.5	156.2	230.1	226.5	193.3	218.5
Latham	LH5025VT2ProDG	VT2P,DG	100	217.5	19.3	1	607	7	229.8	172.9	222.3	204.8	199.9	213.1
Hefty	H5212VT2P	VT2P	102	217.4	19.4	0	607	8	221.5	181.9	226.3	196.2	201.0	225.6
Dahlman	R51-22VT2P	VT2P	101	217.2	17.8	0	615	5	219.7	181.9	227.0	204.4	181.0	217.7
Mustang	7202VT2PRIB	VT2P,B	102	217.0	18.9	0	608	6	229.5	191.5	202.7	221.6	191.0	214.2
Mustang	5700VT2PDGRIB	VT2P,DG,B	100	216.8	19.4	0	605	9	214.2	161.0	208.4	235.8	201.0	208.9
LG Seeds	LG5505STX	STX	102	214.8	18.7	0	603	10	214.7	161.0	213.8	217.4	181.0	213.4
Latham	LH5245VT2Pro	VT2P	102	214.5	19.5	0	598	12	217.7	171.0	226.5	202.3	201.0	211.3
NuTech	5N-800	3011,A	100	214.5	20.0	0	595	14	221.6	181.9	212.9	214.5	181.0	209.1
Dyna-Gro	D39DC43	VT2P,DG	99	213.9	19.4	0	597	13	215.3	161.0	208.5	215.4	211.0	216.5
Mustang	5299VT2PRIB	VT2P,B	99	212.9	18.1	0	601	11	217.5	171.0	225.0	203.2	221.0	206.0
NuTech/G2 Gen	5F-702^	AM,B	102	211.0	19.2	0	590	16	208.4	161.0	215.7	205.0	201.0	214.8
Renk	RK608DGV2P	VT2P,DG,B	100	210.6	19.2	0	589	17	201.4	151.5	218.2	210.9	211.0	211.8
Hefty	H5003VT2PDGRIB	VT2P,DG,B	100	209.8	19.1	0	587	18	211.1	161.0	202.2	216.9	191.0	208.8
Titan Pro	TP 65-00 2P	VT2P,DG	100	209.7	19.0	0	587	19	212.7	181.9	213.9	195.0	181.0	217.1
Hefty	H4912VT2P	VT2P	99	209.5	18.2	0	591	15	228.2	161.0	199.1	204.6	211.0	206.0
Prairie Brand	5148GT	GT	101	208.5	18.9	1	584	21	220.4	181.9	208.0	208.5	181.0	196.9
Anderson	611SRC	STX,B	101	207.3	19.7	0	577	23	192.9	161.0	218.9	213.9	191.0	203.4
NuTech/G2 Gen	5F-601^	AM,AQ,B	101	206.8	19.4	0	577	24	214.2	161.0	212.1	210.8	191.0	189.9
Renk	RK629VT3P	VT3P,B	101	206.6	19.1	0	578	22	211.3	171.0	211.7	191.1	181.0	212.1
Mustang	6701-3011A	3011,A	101	206.4	19.9	1	573	25	189.6	171.0	213.8	220.8	181.0	201.5
Latham	LH5215VT2ProRIB	VT2P,B	102	205.7	20.0	0	571	27	228.9	161.0	195.8	192.7	191.0	205.3
Titan Pro	TP 75-01 SS	STX	101	204.0	19.1	0	571	28	209.1	181.9	216.1	194.3	167.7	196.4
Renk	RK595SSTX	STX,B	99	203.1	18.3	0	572	26	199.4	166.5	203.2	210.1	196.1	199.8
Titan Pro	TP 58-01 2P	VT2P,B	101	202.4	18.6	0	569	30	207.0	184.3	221.2	179.4	207.8	202.0
LG Seeds	LG5494VT2P	VT2P	99	202.2	18.0	0	571	29	205.5	182.3	213.7	188.5	182.4	200.9
Thunder	4600RR	RR2	100	199.1	18.7	1	559	31	199.2	174.1	211.5	190.8	196.0	194.7
Dekalb	DKC52-84RIB CK	STX,B	102	208.8	18.9	0	585	20	202.3	161.0	209.2	213.3	181.0	210.2

Data Rejected - Not in Summary

Data Rejected - Not in Summary

Averages =	205.9	19.1	0	576	206.2	173.4	208.8	202.9	191.4	205.6
LSD (0.10) =	10.3	0.3	ns		23.5	ns	18.5	22.0	ns	10.9
LSD (0.25) =	5.4	0.2	ns		12.3	ns	9.7	11.5	ns	5.7

Ed Dahle

ed.dahle@firstseedtests.com, (507) 456-6624

Previous years average yield for region, 194.1 bu/a, 15 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$2.90 GMO; \$2.90 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.

Additional reports available at www.firstseedtests.com.

©2017, all rights reserved by Elite Field Genetics, LLC

Report Date: 11/15/2017

Revised:



Early-Season Test Products (54 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Anderson	669SRC	STX,B	AC,P2	97
Anderson	684R	RR2	MQ	98
Anderson	795R	RR2	MQ	95
Dahlman	R48-21VT2P	VT2P	AC,P5V	96
Dahlman	R48-28VT2P	VT2P	AC,P5V	95
Dahlman	R49-23VT2PRIB	VT2P,B	AC,P2	98
Dahlman	R49-342SSRIB	STX,B	AC,P5V	98
Dairyland	DS-7294	3110	CM,C5,Vi,In	94
Dekalb	DKC52-84RIB CK	STX,B	AC,P5V	102
Dyna-Gro	D34VC54	VT2P	AC,P5V	94
Dyna-Gro	D37VC60RIB	VT2P,B	AC,P5V	97
Enestvedt	E656SSRIB	STX,B	AC,P5V	95
Enestvedt	E658VT2Pro	VT2P	AC,P5V	95
Federal	4580VT2P	VT2P	AC,P5V	95
Federal	4880VT2P	VT2P	AC,P5V	98
Golden Harvest	G94U87-3110A	3110,A	AVC,C2,Vi	94
Golden Harvest	G96V99-3120-EZR	3120,B	AVC,C2,Vi	96
Golden Harvest	G97N86-3110	3110	AVC,C2,Vi	97
Hefty	H4402VT2PRIB	VT2P,B	AC,P2,In	94
Hefty	H4504SSRIB	STX,B	AC,P5V,In	95
Hefty	H4612VT2P	VT2P	AC,P2,In	96
Hefty	H4812VT2P	VT2P	AC,P2,In	98
Latham	LH4437VT2ProRIB	VT2P,B	AC,P2	94
Latham	LH4454VT2ProRIB	VT2P,B	AC,P2	94
Latham	LH4657VT2Pro	VT2P	AC,P5V	96
Latham	LH4727VT2ProRIB	VT2P,B	AC,P2	97
Legacy Seeds	L-3416VT2PRORIB	VT2P,B	AC,P2	94
Legacy Seeds	L-3626VT2PRORIB	VT2P,B	AC,P2	97
Legacy Seeds	L-3712VT2PRORIB	VT2P,B	AC,P2	96
Legacy Seeds	L-3816VT2PRDGD	VT2P,B	AC,P2	98
LG Seeds	LG5420-3110A	3110,A	AC,P5V	94
LG Seeds	LG5465VT2P	VT2P	AC,P5V	97
Mustang	3294VT2PRIB	VT2P,B	AC,P2	94
Mustang	3894SSRIB	STX,B	AC,P2	94
Mustang	4297VT2PRIB	VT2P,B	AC,P2	97
NuTech	5G-293	3010	MQ,P5V,R	93
NuTech/G2 Gen	5F-196 ^A	AM,B	MQ,P5V,R	96
NuTech/G2 Gen	5F-198 ^A	AM,B	MQ,P5V,R	98
NuTech/G2 Gen	5FN-5096 ^A	OI	MQ,P1V,R	96
NuTech/G2 Gen	X5FN-9502 ^A	OI	MQ,P1V,R	95
Pioneer	P9608AMXT GC	AMXT,B	MQ,C2,Lu	96
Proseed	1591VT2PRIB	VT2P,B	AC,P2	91

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Proseed	1598VT2PRIB	VT2P,B	AC,P2	98
Proseed	GX695-3000GT	3000GT	CM,C2	95
Proseed	PX694VT2PRIB	VT2P,B	AC,P2	94
Renk	RK596SSTX	STX,B	AC,P5V	98
Thunder	4695RR	RR2	AC,P2	95
Thunder	6794VT2PRIB	VT2P,B	AC,P2	94
Thunder	6798VT2PRIB	VT2P,B	AC,P2	98
Thunder	7396VT2PRIB	VT2P,B	AC,P2	96
Titan Pro	TP 58-95 SS	STX	AC,P5V	95
Titan Pro	TP 61-94 3110A	3110,A	?	94
Titan Pro	TP 71-98 2P	VT2P	AC,P2	98
Titan Pro	TP 78-98 SS	STX	AC,P5V	98

2017 Corn Grain - Minnesota West Central [MNWC]



Full-Season Test Products (45 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Anderson	611SRC	STX,B	AC,P2	101
Croplan	4099SS/RIB	STX,B	AC,P5V	100
Dahlman	R51-22VT2P	VT2P	AC,P5V	101
Dahlman	R52-24VT2P	VT2P	AC,P5V	103
Dairyland	DS-9599	3000GT	CM,C5,Vi,In	99
Dairyland	DS-9802RA	STX,B	CM,C5,Vi,In	102
Dekalb	DKC49-72RIB GC	STX,B	AC,P5V	99
Dekalb	DKC52-84RIB CK	STX,B	AC,P5V	102
Dyna-Gro	D39DC43	VT2P,DG	AC,P5V	99
Enestvedt	E696SSRIB	STX,B	AC,P5V	100
Federal	4880SSTAX	STX	AC,P5V	98
Federal	5060SSTAXRIB GC	STX,B	AC,P5V	100
Federal	5280SSTAX GC	STX	AC,P5V	102
Federal	5280VT2P	VT2P	AC,P5V	102
Golden Harvest	G01D24-3120-EZR	3120,B	AVC,C2,Vi	101
Hefty	H4912VT2P	VT2P	AC,P2,In	99
Hefty	H5003VT2PDGRIB	VT2P,DG,B	AC,P2,In	100
Hefty	H5212VT2P	VT2P	AC,P2,In	102
Hefty	H5214SS	STX	AC,P5V,In	102
Latham	LH5025VT2ProDG	VT2P,DG	AC,P5	100
Latham	LH5095VT2ProRIB	VT2P,B	AC,P2	100
Latham	LH5215VT2ProRIB	VT2P,B	AC,P2	102
Latham	LH5245VT2Pro	VT2P	AC,P5V	102
LG Seeds	LG5494VT2P	VT2P	AC,P5V	99
LG Seeds	LG5505STX	STX	AC,P5V	102
Mustang	5299VT2PRIB	VT2P,B	AC,P2	99
Mustang	5700VT2PDGRIB	VT2P,DG,B	AC,P2	100
Mustang	6701-3011A	3011,A	AC,P2	101
Mustang	7202VT2PRIB	VT2P,B	AC,P2	102
NuTech	5N-800	3011,A	MQ,P5V,R	100
NuTech/G2 Gen	5F-601^	AM,AQ,B	MQ,P5V,R	101
NuTech/G2 Gen	5F-702^	AM,B	MQ,P5V,R	102
NuTech/G2 Gen	5FN-7099^	OI	MQ,P1V,R	99
Pioneer	P0157AMX GC	AMX,AQ,B	MQ,C2,R	101
Pioneer	P9929AMXT GC	AMXT,B	MQ,C2,R,Lu	99
Prairie Brand	5148GT	GT	CM,C5,Vi,In	101
Renk	RK595SSTX	STX,B	AC,P5V	99
Renk	RK608DGV2P	VT2P,DG,B	AC,P2	100
Renk	RK612SSTX	STX,B	AC,P5V	100
Renk	RK629VT3P	VT3P,B	AC,P2	101
Thunder	4600RR	RR2	AC,P2	100
Titan Pro	TP 58-01 2P	VT2P,B	AC,P5V	101

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Titan Pro	TP 61-01 3122A	3122,A,B	CM,C2	101
Titan Pro	TP 65-00 2P	VT2P,DG	AC,P2	100
Titan Pro	TP 75-01 SS	STX	AC,P5V	101

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. VPM [®] 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 [®] , VPM [®] 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 [®] TRIsect (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.