

2017 Corn Grain Top 30 Harvest Report
 Minnesota West Central [MNWC] WINTHROP
 Neil Rasmussen, Sibley County, MN 55396



PREV. CROP/HERB: Soybean
 SOIL DESCRIPTION: Clarion-Webster loam, mod. well drained, non-irrigated
 SOIL CONDITION: Conventional w/ fall till, very high P, low K, 5.4 pH, 3.7% OM, 30.1 CEC
 PEST MANAGEMENT: Precept, Resicore, Stinger
 FERTILITY - Applied N: 116 Spring
 Applied N-P-K (units): 116-104-135
 SEEDING - RATE - ROW: May 14 35,080 /A 30" spacing
 HARVESTED - STAND: Oct 24 33,800 /A

Early-Season Test
93 - 98 Day CRM
 B2017MNWC06a

Top 30 of 54
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dahlman	R48-21VT2P	VT2P	96	213.8	17.8	0	35.3	605	1
Mustang	429VT2PRIB	VT2P,B	97	213.4	19.2	0	33.9	596	5
Hefty	H4612VT2P	VT2P	96	212.6	18.3	0	34.4	599	2
Dahlman	R49-23VT2PRIB	VT2P,B	98	212.2	18.1	0	34.4	599	3
Enestvedt	E656SSRIB	STX,B	95	212.2	18.2	0	33.9	598	4
NuTech/G2 Gen	5F-196^	AM,B	96	211.1	18.4	0	34.4	594	6
Latham	LH4657VT2Pro	VT2P	96	208.2	18.2	0	34.8	587	7
Thunder	4695RR	RR2	95	207.7	18.2	0	33.9	586	8
Federal	4580VT2P	VT2P	95	206.5	18.6	0	33.4	580	10
Latham	LH4454VT2ProRIB	VT2P,B	94	206.4	18.4	0	34.8	581	9
Legacy Seeds	L-3816VT2PRODG	VT2P,B	98	205.6	19.2	0	33.9	575	16
Dahlman	R48-28VT2P	VT2P	95	205.0	18.2	0	33.9	578	12
Legacy Seeds	L-3626VT2PRORIB	VT2P,B	97	204.9	18.0	0	33.9	579	11
Hefty	H4812VT2P	VT2P	98	204.9	18.4	0	33.4	577	14
Legacy Seeds	L-3712VT2PRORIB	VT2P,B	96	204.3	18.1	0	33.4	577	15
NuTech/G2 Gen	5F-198^	AM,B	98	204.0	17.7	0	33.9	578	13
Titan Pro	TP 78-98 SS	STX	98	204.0	18.6	0	32.9	573	17
Hefty	H4504SSRIB	STX,B	95	201.8	18.1	0	34.4	570	18
Hefty	H4402VT2PRIB	VT2P,B	94	199.4	17.6	0	32.9	565	21
Renk	RK596SSTX	STX,B	98	199.3	18.4	0	34.8	561	22
Dairyland	DS-7294	3110	94	199.2	17.4	0	33.4	566	19
NuTech/G2 Gen	X5FN-9502^	OI	95	199.0	18.4	0	32.9	560	24
Mustang	3294VT2PRIB	VT2P,B	94	198.5	17.0	0	34.4	566	20
Dahlman	R49-342SSRIB	STX,B	98	198.5	19.2	0	34.8	555	26
Golden Harvest	G97N86-3110	3110	97	198.2	17.8	0	32.9	561	23
Anderson	795R	RR2	95	197.5	17.8	0	34.4	559	25
Titan Pro	TP 71-98 2P	VT2P	98	196.8	18.9	0	34.8	552	28
Thunder	6798VT2PRIB	VT2P,B	98	195.2	17.8	0	34.4	552	29
LG Seeds	LG5420-3110A	3110,A	94	194.3	17.2	1	33.9	553	27
Latham	LH4727VT2ProRIB	VT2P,B	97	194.2	17.2	0	34.8	552	30
Dekalb	DKC52-84RIB CK	STX,B	102	181.7	18.2	0	32.9	512	49
Averages =				195.9	18.1	0	33.8	553	
LSD (0.10) =				9.0	0.5	ns			
LSD (0.25) =				4.7	0.3	ns			
C.V. =				4.4					
Ed Dahle ed.dahle@firstseedtests.com, (507) 456-6624									New test site, no yield history

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

Test Comments: *Planting and harvest conditons were near perfect at this site. Neil, our host grower, said that they had two hail events and multiple large rains. He also said that heat was just hard to come by during the growing season. The corn was standing very well with no signs of hail damage. The ears were large and filled out to the ends on most products. Overall a very good plot.*

† 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

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 SOIL CONDITION: Conventional w/ fall till, very high P, low K, 5.4 pH, 3.7% OM, 30.1 CEC
 PEST MANAGEMENT: Precept, Resicore, Stinger
 FERTILITY - Applied N: 116 Spring
 Applied N-P-K (units): 116-104-135
 SEEDING - RATE - ROW: May 14 35,080 /A 30" spacing
 HARVESTED - STAND: Oct 24 34,500 /A

Full-Season Test
99 - 102 Day CRM
 B2017MNWC06b

Top 30 of 45

For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Federal	5280VT2P	VT2P	102	230.5	19.5	0	35.8	643	1
Federal	5280SSTAX GC	STX	102	228.8	18.6	0	34.4	643	2
Hefty	H5212VT2P	VT2P	102	225.6	19.0	0	33.4	632	3
Hefty	H5214SS	STX	102	218.5	19.3	0	34.8	610	5
Dahlman	R51-22VT2P	VT2P	101	217.7	17.9	0	35.3	616	4
Titan Pro	TP 65-00 2P	VT2P,DG	100	217.1	18.6	0	33.9	610	6
Dyna-Gro	D39DC43	VT2P,DG	99	216.5	19.0	0	34.4	606	7
NuTech/G2 Gen	5F-702^	AM,B	102	214.8	18.7	2	34.4	603	8
Mustang	7202VT2PRIB	VT2P,B	102	214.2	18.7	0	34.4	601	10
Dahlman	R52-24VT2P	VT2P	103	213.7	19.3	0	35.3	597	11
LG Seeds	LG5505STX	STX	102	213.4	17.9	0	34.8	603	9
Latham	LH5025VT2ProDG	VT2P,DG	100	213.1	19.1	0	35.3	596	12
Renk	RK629VT3P	VT3P,B	101	212.1	18.9	0	33.4	594	14
Renk	RK608DGV2P	VT2P,DG,B	100	211.8	18.4	0	34.8	596	13
Latham	LH5245VT2Pro	VT2P	102	211.3	18.8	0	33.9	593	15
NuTech/G2 Gen	5FN-7099^	OI	99	210.0	18.6	0	34.4	590	17
NuTech	5N-800	3011,A	100	209.1	19.7	0	34.8	582	22
Mustang	5700VT2PDGRIB	VT2P,DG,B	100	208.9	19.3	0	33.9	583	20
Hefty	H5003VT2PDGRIB	VT2P,DG,B	100	208.8	18.6	0	34.4	587	18
Mustang	5299VT2PRIB	VT2P,B	99	206.0	17.6	0	34.8	584	19
Hefty	H4912VT2P	VT2P	99	206.0	17.8	0	34.4	583	21
Latham	LH5215VT2ProRIB	VT2P,B	102	205.3	19.5	0	34.4	572	24
Dekalb	DKC49-72RIB GC	STX,B	99	204.7	18.4	0	34.4	576	23
Anderson	611SRC	STX,B	101	203.4	19.8	0	34.8	565	27
Titan Pro	TP 58-01 2P	VT2P,B	101	202.0	18.7	0	34.4	567	26
Pioneer	P0157AMX GC	AMX,AQ,B	101	201.7	19.6	0	34.8	562	29
Mustang	6701-3011A	3011,A	101	201.5	19.5	3	33.9	562	30
Croplan	4099SS/RIB	STX,B	100	201.0	19.2	3	32.9	562	31
LG Seeds	LG5494VT2P	VT2P	99	200.9	17.5	0	34.4	570	25
Renk	RK595SSTX	STX,B	99	199.8	18.0	0	34.8	564	28
Dekalb	DKC52-84RIB CK	STX,B	102	210.2	18.3	0	34.8	592	16
Averages =				205.6	18.8	0	34.5	577	
LSD (0.10) =				10.9	0.4	1			
LSD (0.25) =				5.7	0.2	1			
C.V. =				5.0					
Ed Dahle				New test site, no yield history					
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Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Anderson	669SRC	STX,B	AC,P2	97	Renk	RK596SSTX	STX,B	AC,P5V	98
Anderson	684R	RR2	MQ	98	Thunder	4695RR	RR2	AC,P2	95
Anderson	795R	RR2	MQ	95	Thunder	6794VT2PRIB	VT2P,B	AC,P2	94
Dahlman	R48-21VT2P	VT2P	AC,P5V	96	Thunder	6798VT2PRIB	VT2P,B	AC,P2	98
Dahlman	R48-28VT2P	VT2P	AC,P5V	95	Thunder	7396VT2PRIB	VT2P,B	AC,P2	96
Dahlman	R49-23VT2PRIB	VT2P,B	AC,P2	98	Titan Pro	TP 58-95 SS	STX	AC,P5V	95
Dahlman	R49-342SSRIB	STX,B	AC,P5V	98	Titan Pro	TP 61-94 3110A	3110,A	?	94
Dairyland	DS-7294	3110	CM,C5,Vi,ln	94	Titan Pro	TP 71-98 2P	VT2P	AC,P2	98
Dekalb	DKC52-84RIB CK	STX,B	AC,P5V	102	Titan Pro	TP 78-98 SS	STX	AC,P5V	98
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,ln	94					
Hefty	H4504SSRIB	STX,B	AC,P5V,ln	95					
Hefty	H4612VT2P	VT2P	AC,P2,ln	96					
Hefty	H4812VT2P	VT2P	AC,P2,ln	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-3816VT2PRODG	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^	AM,B	MQ,P5V,R	96					
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V,R	98					
NuTech/G2 Gen	5FN-5096^	OI	MQ,P1V,R	96					
NuTech/G2 Gen	X5FN-9502^	OI	MQ,P1V,R	95					
Pioneer	P9608AMXT GC	AMXT,B	MQ,C2,Lu	96					
Proseed	1591VT2PRIB	VT2P,B	AC,P2	91					
Proseed	1598VT2PRIB	VT2P,B	AC,P2	98					
Proseed	GX695-3000GT	3000GT	CM,C2	95					
Proseed	PX694VT2PRIB	VT2P,B	AC,P2	94					

2017 Corn Grain - Minnesota West Central [MNWC]



Full-Season Test Products (45 Total)

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

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