

2017 Corn Grain Top 30 Harvest Report
 Minnesota West Central [MNWC] KERKHOVEN
 Rod Lindquist, Swift County, MN 56252



PREV. CROP/HERB: Corn, 2+ Yr / Roundup PowerMax, Laudis
 SOIL DESCRIPTION: Esmond-Heimdal-Sisseton-Emrick loam, well drained, non-irrigated
 SOIL CONDITION: Conventional w/ fall till, very high P, high K, 7.4 pH, 3.5% OM, 22 CEC
 PEST MANAGEMENT: Precept, Callisto, Roundup
 FERTILITY - Applied N: dairy manure Spring
 Applied N-P-K (units): 0-0-0
 SEEDING - RATE - ROW: May 8 35,080 /A 30" spacing
 HARVESTED - STAND: Oct 26 34,500 /A

Early-Season Test
93 - 98 Day CRM
 B2017MNWC05a

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
Dahle	8482112PMS	V7P-B	96	212.2	19.2	0	34.8	507	1
Waukena	425712PMS	V7P-B	97	208.8	19.7	0	34.8	500	2
Dahle	84821112P	V7P	96	213.4	19.1	0	34.8	574	3
Golden Harvest	527465-2112	3110	97	203.3	19.9	1	34.8	571	4
Proseed	PL334112PMS	V7P-B	94	197.5	19.3	0	34.8	559	5
Dahle	8483420PMS	371-B	96	199.9	19.9	0	34.8	547	7
Thunder	570612PMS	V7P-B	96	195.3	19.2	0	34.4	540	6
Legacy Seeds	L-345512PMS	V7P-B	97	194.5	19.3	0	34.4	540	8
Federal	488512P	V7P	95	194.1	19.2	1	34.4	540	9
Halle	8481212P	V7P	96	193.9	19.1	1	34.8	541	11
Ross	84385071	371-B	95	193.3	19.7	1	34.8	540	10
Dura-Gro	527112PMS	V7P-B	96	199.0	19.2	0	34.4	534	12
Anderson	8483812	371-B	97	199.0	19.1	0	34.8	528	15
Federal	488512P	V7P	96	197.1	19.1	1	34.8	530	13
Halle	8481400MS	371-B	95	195.0	19.9	10	33.9	528	16
Thunder	710612PMS	V7P-B	96	195.0	19.2	0	34.4	529	14
Waukena 2 Gen	527112P	V7P	97	195.1	19.5	3	32.9	522	21
L.S. Seeds	L334112P	V7P	96	197.0	19.4	1	34.8	522	22
Latham	LH48512PMS	V7P-B	96	195.9	19.9	0	34.8	524	20
Halle	8481212P	V7P	94	195.9	19.5	0	34.8	525	18
Triax Pro	TP 51-12	3110	94	195.3	17.9	3	34.4	527	17
Dahle	84821112P	V7P	96	194.4	19.9	4	34.8	517	23
Halle	8481212P	V7P	96	193.2	19.4	0	34.8	516	24
Triax Pro	TP 79-98-05	371-B	96	192.9	19.9	2	34.8	511	26
Legacy Seeds	L-345512P	V7P-B	94	192.0	19.9	2	34.8	511	27
L.S. Seeds	L334112P	3110-A	94	191.8	19.4	3	33.9	512	25
Latham	LH48512P	V7P	96	190.4	19.3	11	34.4	504	28
Anderson	7106	MS	96	190.2	19.2	0	34.8	504	30
Dura-Gro	527112P	V7P	94	179.7	19.4	0	34.4	506	29
Harvard	527112P	3110	94	179.7	19.3	3	34.4	503	31
Mean	527112P	371-B	96	199.2	19.1	0	34.8	535	19

DATA REJECTED

Averages = **181.4** **18.8** **3** **34.5** **509**

LSD (0.10) = 23.0 0.7 10

LSD (0.25) = 16.0 0.5 7

Ed Dahle

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C.V. = 10.8 Prev. years average yield, 181.0 bu/a, 1 yr

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

Test Comments: *Planting conditions were very good here. Rod, our host farmer, is a dairyman and all nutrients are supplied by manure. In June the crop looked very good with uniform stand. By September, there was widespread nitrogen depletion due to 18+ inches of rain from August 8 to mid-September. The stalks were small and lodging throughout the plot. Data rejected due to widely varied yield across the tests.*

† 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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Report Date: 10/29/2017 Revised:

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Test by: NewVenture, LLC, Ellendale, MN

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 FERTILITY - Applied N: dairy manure Spring
 Applied N-P-K (units): 0-0-0
 SEEDING - RATE - ROW: May 8 35,080 /A 30" spacing
 HARVESTED - STAND: Oct 26 34,400 /A

Full-Season Test
99 - 102 Day CRM
 B2017MNNWC05b

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
Working	5205/12PHB	V12P-B	100	186.7	18.8	0	34.8	547	1
Pioneer	PR622H41T GC	A461T-B	99	185.8	20.1	0	34.8	543	2
Federal	5205/07A GC	STx	100	181.5	20.1	1	34.8	531	3
Latham	LH5205/12PHx	V12P	100	180.4	18.8	3	34.8	529	4
Stone-Isle	5205/040	V12P-DG	99	187.1	18.8	0	33.9	528	5
Dalhousie	801-22/V12P	V12P	101	185.1	18.3	0	35.3	522	6
Dalhousie	802-24/V12P	V12P	100	184.7	18.3	2	34.8	513	7
True-Pro	TP 50-01 2P	V12P-B	101	184.3	18.3	0	34.8	512	8
Holly	H0212/V12P	V12P	100	183.9	18.3	2	34.8	510	10
NuTech	Nt-400	3011-A	100	183.3	18.3	0	34.8	509	11
L.S. Seeds	L21484/V12P	V12P	99	182.3	18.7	1	34.4	512	9
True-Pro	TP 75-01 00	STx	100	181.8	18.3	0	34.4	508	12
Prime Brand	51461T	ST	101	181.1	18.3	0	34.4	501	14
NuTech/02 Gen	01-70P	A46-B	100	181.0	20.1	1	34.4	499	15
Seedwell	5205/09B	STx-B	100	181.0	18.3	1	34.8	499	17
Federal	5205/12P	STx	100	181.0	20.1	10	33.9	498	16
Working	5205/12PHB	V12P	100	180.9	18.2	0	34.4	504	13
Working	5205/3011A	STx-A	100	180.7	18.8	2	34.8	491	20
Genesys	01C40/12PH-B	STx-B	100	179.3	18.1	0	31.5	483	18
Thunder	40080	802	100	174.1	18.8	11	31.9	485	21
Latham	LH5205/12PH	V12P	100	173.8	20.6	10	34.4	479	24
Latham	LH5205/12PHB	V12P	100	173.5	20.1	0	34.8	481	23
Pioneer	PR107H41 GC	V12P-B	101	173.4	20.7	0	33.9	478	25
Latham	LH5205/12PHx	V12P-DG	100	172.8	18.4	10	35.3	482	22
Federal	5205/07A	STx-B	100	172.2	20.6	0	34.8	476	27
Cardinal	00-8100	STx-B	100	171.7	20.8	0	34.8	473	28
Rain	80120/V12P	V12P-B	101	171.5	18.8	0	33.9	477	26
Federal	4005/07A	STx	99	169.1	18.3	0	34.8	472	29
True-Pro	TP 60-00 2P	V12P-DG	100	169.1	20.0	0	34.8	469	30
Holly	H0212/V12PHB	V12P-DG-B	100	167.9	20.1	11	34.8	469	31
True-Pro	TP 75-01 00	STx	100	171.9	18.3	0	34.4	499	19

DATA REJECTED

Averages =	173.4	19.7	4	34.4	482
LSD (0.10) =	ns	0.6	ns		
LSD (0.25) =	ns	0.4	10		
C.V. =	13.8	Prev. years average yield, 181.0 bu/a, 1 yr			

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

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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. 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	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.