

2017 Corn Grain Top 30 Harvest Report

Minnesota East Central [MNEC] FOLEY
Milo Katke, Benton County, MN 56329



Test by: NewVenture, LLC, Ellendale, MN

PREV. CROP/HERB: Soybean
SOIL DESCRIPTION: Mora sandy loam, mod. poor drained, non-irrigated
SOIL CONDITION: Conventional w/ fall till, very high P, very high K, 6.1 pH, 2.1% OM, 8.9 CEC
PEST MANAGEMENT: Precept, Halex GT, Roundup
FERTILITY - Applied N: pig manure @ 5,000 gal/acre Spring, 92 Sidedress
Applied N-P-K (units): 92+-0-0
SEEDING - RATE - ROW: Jun 2 35,080 /A 30" spacing
HARVESTED - STAND: Nov 20 34,400 /A

Early-Season Test

94 - 99 Day CRM
B2017MNEC06a

Top 30 of 42

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
Holly	44412V1ZP	V1ZP	96	144.3	25.4	0	34.8	300	1
HR Brand	HR3726-2110	2110	97	142.8	24.7	0	34.8	283	2
Team Pro	TP 41-46 2110A	2110A	94	139.8	24.5	0	33.9	262	3
Proseed	1015V1ZP400	V1ZP-B	91	124.9	24.9	0	34.4	244	4
Working	40000040	071-B	95	124.2	24.4	0	33.9	243	5
Anderson	7004	892	95	124.2	25.1	0	34.8	240	6
Danvard	05-1004	2110	94	123.8	24.9	0	33.9	240	7
Anderson	070V1ZP	V1ZP-B	96	123.8	25.1	0	34.4	238	8
Thunder	400000	892	95	121.7	25.1	0	33.9	234	10
Team Pro	TP 15-46 00	071	96	120.8	25.4	0	34.4	228	11
Rain	HR3800071	071-B	99	119.4	25.7	0	34.8	226	12
L.S. Seeds	LSD444V1ZP	V1ZP	95	119.4	25.1	0	34.8	224	15
Danvard	05-800	300007	96	119.2	24.9	0	33.9	223	16
Proseed	FL300V1ZP400	V1ZP-B	94	119.1	24.5	0	34.4	220	13
Rain	HR3800071	071-B	99	119.1	25.1	0	34.4	220	17
Thunder	7004V1ZP400	V1ZP-B	94	118.9	24.9	0	34.4	220	14
Latham	LV40071V1ZP+GC	V1ZP-B	95	118.9	25.4	0	33.9	219	18
Thunder	0704V1ZP400	V1ZP-B	94	118.8	27.9	0	34.4	208	21
Proseed	CL300V1ZP400	300007	94	114.5	24.5	0	33.9	216	19
Holly	44412V1ZP	071	96	112.8	25.3	0	34.8	208	20
Anderson	800	071	97	112.3	25.3	0	34.4	208	22
Nutrena 2 Gen	071-400	071	96	111.9	25.8	0	33.9	205	25
Nutrena 2 Gen	07-400	071	96	111.4	25.3	0	34.8	205	23
Golden Harvest	084007-2110A	2110A	94	111.3	25.2	0	33.4	205	24
Danvard	05-1004	071-B	94	109.5	24.8	0	33.9	202	26
Federal	4000	V1ZP	96	109.8	25.8	0	34.4	207	28
Working	30040040	071-B	94	109.8	24.9	0	34.4	206	27
Working	30000040	071-B	95	107.8	25.8	0	33.9	205	29
Holly	44412V1ZP	V1ZP	96	107.9	25.4	0	34.8	203	30
Proseed	FL300V1ZP400	400V1ZP	96	107.9	25.3	0	34.8	200	31
Team	TP 15-46 00	071-B	96	107.7	25.3	0	34.8	197	32

DATA REJECTED

Averages =	112.9	25.4	0	34.4	309
LSD (0.10) =	17.6	ns	ns		
LSD (0.25) =	9.2	ns	ns		
C.V. =	14.8			New test site, no yield history	

Ed Dahle
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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.00; non-GMO = \$3.00

Test Comments: The soil was on the wet side at planting and remained wet all season. Milo, our host farmer, told me that he would be hard pressed to come up with more than three days in a row that it did not rain here this summer. The harvest season was very tough as there were multiple snow events and lots of rain to delay harvest. Data rejected due to variable yields across replications of the same product.

† 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

Additional reports available at www.firstseedtests.com

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Report Date: 11/21/2017 Revised:

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PEST MANAGEMENT: Precept, Halex GT, Roundup
FERTILITY - Applied N: pig manure @ 5,000 gal/acre Spring, 92 Sidedress
Applied N-P-K (units): 92+-0-0
SEDED - RATE - ROW: Jun 2 35,080 /A 30" spacing
HARVESTED - STAND: Nov 20

Full-Season Test
100 - 103 Day CRM
B2017MNEC06b

Top 30 of 36
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
<p>Test not planted</p> <p>Product maturities are too late for a June 2 plant date</p>									

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Averages =
LSD (0.10) =
LSD (0.25) =
C.V. =

New test site, no yield history

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.00; non-GMO = \$3.00

Test Comments: *An executive decision was made to not plant the full-season test because there was not enough growing season available to allow these products to mature because persistent wet spring conditions delayed planting until June 2.*

† 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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Early-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Anderson	669SRC	STX,B	AC,P2	97					
Anderson	675VT2P	VT2P,B	AC,P2	98					
Anderson	684R	RR2	MQ	98					
Anderson	795R	RR2	MQ	95					
Dairyland	DS-7294	3110	CM,C5,Vi,In	94					
Dairyland	DS-9599	3000GT	CM,C5,Vi,In	99					
Dekalb	DKC44-13RIB GC	STX,B	AC,P5V	94					
Dekalb	DKC46-36RIB CK	STX,B	AC,P5V	96					
Federal	4880VT2P	VT2P	AC,P5V	98					
Federal	5060SSTAXRIB	STX,B	AC,P5V	100					
Golden Harvest	G94U87-3110A	3110,A	AVC,C2,Vi	94					
Golden Harvest	G96V99-3120-EZR	3120,B	AVC,C2,Vi	96					
Hefty	H4612VT2P	VT2P	AC,P2,In	96					
Hefty	H4812VT2P	VT2P	AC,P2,In	98					
Hefty	H4904SSRIB	STX,B	AC,P5V,In	99					
Hefty	H4912VT2P	VT2P	AC,P2,In	99					
Latham	LH4657VT2Pro GC	VT2P	AC,P5V	96					
LG Seeds	LG5494VT2P	VT2P	AC,P5V	99					
Mustang	3894SSRIB	STX,B	AC,P2	94					
Mustang	3895SSRIB	STX,B	AC,P2	95					
Mustang	4895SSRIB	STX,B	AC,P2	95					
Mustang	5299VT2PRIB	VT2P,B	AC,P2	99					
NK Brand	NK9738-3110	3110	AVC,C2,Vi	97					
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					
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					
Renk	RK568VT3P	VT3P,B	AC,P5V	95					
Renk	RK595SSTX	STX,B	AC,P5V	99					
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 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					

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Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Anderson	611SRC	STX,B	AC,P2	101					
Anderson	611VT2P	VT2P,B	AC,P2	101					
Dairyland	DS-9701RA	STX,B	CM,C5,Vi,In	101					
Dairyland	DS-9802RA	STX,B	CM,C5,Vi,In	102					
Dekalb	DKC46-36RIB CK	STX,B	AC,P5V	96					
Federal	5280VT2P	VT2P	AC,P5V	102					
Federal	5370VT2PRIB	VT2P,B	AC,P2	103					
Golden Harvest	G01D24-3120-EZR	3120,B	AVC,C2,Vi	101					
Hefty	H5003VT2PDGRIB	VT2P,DG,B	AC,P2,In	100					
Hefty	H5114SS	STX	AC,P5V,In	101					
Hefty	H5214SS	STX	AC,P5V,In	102					
Hefty	H5302VT2PRIB	VT2P,B	AC,P2,In	103					
Latham	LH5215VT2ProRIB GC	VT2P,B	AC,P2	102					
Latham	LH5245VT2Pro GC	VT2P	AC,P5V	102					
LG Seeds	LG5505STX	STX	AC,P5V	102					
Mustang	5700VT2PDGRIB	VT2P,DG,B	AC,P2	100					
Mustang	6701-3011A	3011,A	AC,P2	101					
Mustang	6800SSRIB	STX,B	AC,P2	100					
Mustang	7801SSRIB	STX,B	AC,P2	101					
NuTech	5N-800	3011,A	MQ,P5V,R	100					
NuTech/G2 Gen	5F-503^	AM,B	MQ,P5V,R	103					
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	X5LN-0308^	OIXT,AQ	MQ,P1V,R	103					
Peterson Seed	72D00 GC	VT2P,DG,B	AC,P2	100					
Pioneer	P0157AMX GC	AMX,AQ,B	MQ,C2,R	101					
Pioneer	P9929AMXT GC	AMXT,B	MQ,C2,R,Lu	99					
Renk	RK642SSTX	STX	AC,P5V	103					
Renk	RK675DGV2P	VT2P,DG,B	AC,P2	103					
Renk	RK680SSTX	STX,B	AC,P5V	103					
Thunder	4600RR	RR2	AC,P2	100					
Thunder	7603SSRIB	STX,B	AC,P2	103					
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					
Wyffels	W2198RIB GC	STX,B	AC,P5V	100					

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. VPMa [®] 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 [®] , VPMa [®] 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.