

2018 Corn Grain Top 30 Harvest Report

Minnesota East Central [MNEC] MILACA
Kevin Schreur, Mille Lacs County, MN 56353



Test by: NewVenture, LLC, Ellendale, MN

PREV. CROP/HERB: Corn
SOIL DESCRIPTION: Ossmer-Billyboy silt loam, mod. poor drained, non-irrigated
SOIL CONDITION: Conventional w/o fall till, very high P, medium K, 5.5 pH, 1.6% OM, 12 CEC
PEST MANAGEMENT: Index, Armezon Pro, atrazine
FERTILITY - Applied N: 70 Spring, 3 Planter, 32 Sidedress
Applied N-P-K (units): 105-28-48
SEEDING - RATE - ROW: May 18 35,100 /A 30" spacing
HARVESTED - STAND: Nov 3 33,500 /A

Early-Season Test

86 - 91 Day CRM
B2018MNEC06a

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
Proseed	1790VT2PRIB	VT2P,B	90	225.3	18.7	0	32.9	655	2
Golden Harvest	G88F37-3010A	3010,A	88	223.2	18.3	0	32.9	651	3
Hefty	H3922VT2P	VT2P	89	220.8	18.8	0	34.4	641	4
Latham	LH3937VT2ProRIB	VT2P,B	89	219.7	19.1	0	34.8	637	7
Pioneer	P9188AM GC	AM,B	91	219.1	19.1	0	33.9	635	11
Renk	RK408VT2P	VT2P,B	90	218.9	18.5	0	32.4	638	5
Golden Harvest	G89A09-3120-EZR	3120,B	89	218.9	19.1	0	33.4	634	12
Hefty	H3622VT2P	VT2P	86	218.5	18.5	0	32.9	636	9
Dairyland	DS-9686	3000GT	86	218.2	18.5	0	33.4	636	10
Hefty	H3712VT2PRIB	VT2P,B	87	218.1	18.0	0	33.4	638	6
Mustang	2291VT2PRIB	VT2P,B	91	217.2	19.1	0	33.4	629	14
NK Brand	NK8618-3011A	3011,A	86	217.1	17.7	0	34.4	637	8
Enestvedt	E878VT2PRIB	VT2P,B	87	216.4	18.3	0	33.4	631	13
Latham	LH4147VT2ProRIB	VT2P,B	91	216.0	18.8	0	33.4	627	15
NuTech	5BN-2889	3010	89	214.2	18.6	1	33.4	623	16
Renk	RK287VT2P	VT2P,B	87	212.2	18.4	0	31.0	619	17
Dahlman	R45-28VT2PRIB	VT2P,B	90	212.2	19.0	0	34.4	615	20
Mustang	2290VT2PRIB	VT2P,B	90	211.7	18.6	0	34.8	616	19
NuTech/G2 Gen	E5FN-A386	OI	86	211.2	18.0	3	32.9	618	18
Hefty	H4102VT2PRIB	VT2P,B	91	211.1	18.6	0	33.9	614	21
Pioneer	P9188AMX GC	AMX,B	91	209.9	19.0	0	34.4	609	22
Heine	600VT2PRO GC	VT2P	91	206.0	18.5	0	33.9	600	24
Dekalb	DKC35-88RIB GC	VT2P,B	85	205.8	18.0	3	33.9	602	23
Thunder	6791VT2P	VT2P,B	91	205.4	19.0	0	34.4	596	27
NuTech	5N-886	3011,A	86	204.9	18.5	0	32.9	597	26
Enestvedt	E875RR	RR2	88	204.8	18.0	0	33.9	599	25
Proseed	1591VT2PRIB	VT2P,B	91	204.6	18.7	0	31.5	595	28
Titan Pro	83-87 2P	VT2P,B	87	202.5	18.8	0	33.9	588	30
Mustang	3287VT2PRIB	VT2P,B	87	202.0	18.1	0	33.4	590	29
Latham	LH3755VT2ProRIB	VT2P,B	87	201.9	18.5	0	33.4	588	31
Pioneer	P9492AM CK	AM,B	94	234.1	19.2	0	33.9	678	1
Averages =				211.2	18.5	0	33.5	615	
LSD (0.10) =				12.0	0.5	1			
LSD (0.25) =				6.3	0.3	0			
C.V. =				cv 1	Prev. years average yield, 168.3 bu/a, 1 yr				

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

Test Comments: *This was a very level and uniform site. Kevin, our host grower, said that the growing season was good. He mentioned that there was a dry spell in August but a very nice rain came in time. Corn plants were standing very well with large ears with deep kernels. The corn was dry and made it easy to combine. During a September site visit, just normal leaf diseases were noted.*

† 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

©2018, all rights reserved by Elite Field Genetics, LLC

Report Date: 11/06/2018 Revised:

2018 Corn Grain Top 30 Harvest Report

Minnesota East Central [MNEC] MILACA
Kevin Schreur, Mille Lacs County, MN 56353



PREV. CROP/HERB: Corn
SOIL DESCRIPTION: Ossmer-Billyboy silt loam, mod. poor drained, non-irrigated
SOIL CONDITION: Conventional w/o fall till, very high P, medium K, 5.5 pH, 1.6% OM, 12 CEC
PEST MANAGEMENT: Index, Armezon Pro, atrazine
FERTILITY - Applied N: 70 Spring, 3 Planter, 32 Sidedress
Applied N-P-K (units): 105-28-48
SEEDING - RATE - ROW: May 18 35,100 /A 30" spacing
HARVESTED - STAND: Nov 3 33,900 /A

Full-Season Test

92 - 95 Day CRM
B2018MNEC06b

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
Heine	6200VT2PRORIB GC	VT2P,B	95	237.6	19.4	0	33.9	687	1
Renk	8-536VT2P	VT2P	94	237.1	19.4	0	33.4	685	2
Latham	LH4517VT2Pro	VT2P	95	233.5	19.1	0	34.4	677	3
Proseed	1794VT2PRIB	VT2P,B	94	226.6	20.0	0	33.4	651	5
Enestvedt	E652RR	RR2	95	225.1	19.5	0	32.9	650	6
Latham	LH4437VT2ProRIB	VT2P,B	94	225.0	19.5	0	34.4	650	7
Titan Pro	82-95 2P	VT2P,B	95	224.9	20.2	0	33.4	645	9
NuTech	E5GN-A395	3110	95	224.4	19.8	0	34.4	646	8
Federal	4580VT2PRIB	VT2P,B	95	223.0	19.8	0	34.8	642	10
Federal	4440VT3PRIB	VT3P,B	94	220.7	19.4	0	33.9	638	11
Enestvedt	E656SSRIB	STX,B	95	220.4	19.3	0	34.4	638	12
Mustang	3294VT2PRIB	VT2P,B	94	219.2	19.5	0	34.4	633	13
Dahlman	R48-28VT2PRIB	VT2P,B	95	219.0	19.6	0	33.9	632	14
Thunder	6993VT2P	VT2P	93	218.2	19.5	0	33.9	630	15
Dairyland	DS-7294A	3220	94	218.1	20.4	0	33.4	625	17
Anderson	742R	RR2	92	217.2	19.5	0	34.4	627	16
Hefty	H4522VT2P	VT2P	95	216.9	20.1	0	34.8	623	18
Golden Harvest	G90Y04-3220A-EZR	3220,A,B	92	216.6	19.9	0	33.4	623	19
NK Brand	NK9227-3220A-EZR	3220,A,B	92	215.7	20.1	0	34.4	620	21
Hefty	H4322VT2P	VT2P	93	215.2	19.4	0	33.9	622	20
Hefty	H4222VT2P	VT2P	92	213.3	20.1	0	34.4	613	23
Dahlman	R47-24VT2PRIB	VT2P,B	94	212.1	19.1	0	33.9	615	22
Renk	RK433RR	RR2	92	211.7	19.4	0	32.9	612	24
Anderson	795R	RR2	95	211.7	19.5	0	32.9	611	25
LG Seeds	LG44C27VT2PRO	VT2P	94	211.4	19.6	0	33.9	610	26
Renk	RK568VT2P	VT2P,B	94	211.1	19.9	0	33.9	607	27
Latham	LH4242VT2ProRIB	VT2P,B	92	210.8	19.9	0	33.4	607	28
Latham	LH4454VT2ProRIB	VT2P,B	94	209.9	20.2	0	34.4	602	31
Thunder	6992VT2P	VT2P	92	209.3	19.1	0	34.8	606	29
Hefty	H4324SS	STX	93	209.0	19.1	0	34.4	606	30
Pioneer	P9492AM CK	AM,B	94	229.2	19.3	0	34.4	663	4
Averages =				216.7	19.6	0	33.9	625	
LSD (0.10) =				9.6	0.4	ns			
LSD (0.25) =				5.0	0.2	ns			
C.V. =				4.2	Prev. years average yield, 168.3 bu/a, 1 yr				

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

Test Comments: *This was a very level and uniform site. Kevin, our host grower, said that the growing season was good. He mentioned that there was a dry spell in August but a very nice rain came in time. Corn plants were standing very well with large ears with deep kernels. The corn was dry and made it easy to combine. During a September site visit, just normal leaf diseases were noted.*

† 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

©2018, all rights reserved by Elite Field Genetics, LLC

Report Date: 11/06/2018 Revised: