

2018 Corn Grain Top 30 Harvest Report

Minnesota West Central [MNWC] STARBUCK
Matt Moe, Pope County, MN 56381



Test by: NewVenture, LLC, Ellendale, MN

PREV. CROP/HERB: Soybean / Roundup PowerMax, Flexstar, Section
SOIL DESCRIPTION: Hokans-Buse loam, moderately drained, non-irrigated
SOIL CONDITION: Conventional w/ fall till, very high P, very high K, 6.2 pH, 1.4% OM, 10.9 CEC
PEST MANAGEMENT: Force, Halex GT
FERTILITY - Applied N: 150 Spring
Applied N-P-K (units): 150-60-85
SEEDING - RATE - ROW: May 13 35,100 /A 30" spacing
HARVESTED - STAND: Oct 18 33,900 /A

Early-Season Test

93 - 98 Day CRM
B2018MNWC03a

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	R48-28VT2PRIB	VT2P,B	95	235.6	20.2	0	33.4	735	1
Heine	6360VT2PRO	VT2P	97	229.8	20.5	0	33.9	715	2
Golden Harvest	G97N86-3110	3110	97	225.4	20.0	0	33.9	704	3
Latham	LH4517VT2Pro	VT2P	95	225.3	20.2	0	34.8	703	4
LG Seeds	LG44C27VT2PRO	VT2P	94	223.4	19.3	0	33.9	702	5
Wyffels	W1636	VT2P	96	222.8	20.1	0	33.9	696	6
Thunder	6794VT2P	VT2P,B	94	219.8	19.9	0	33.9	687	8
Thunder	6993VT2P	VT2P	93	219.5	19.6	0	34.4	688	7
LG Seeds	LG5465VT2RIB	VT2P,B	97	219.2	20.6	0	34.8	682	9
Titan Pro	TP 78-98 SS	STX,B	98	219.0	21.0	0	34.4	679	11
Dahlman	R49-23VT2PRIB	VT2P,B	98	218.4	20.5	0	34.8	680	10
Latham	LH4657VT2ProRIB	VT2P,B	96	215.9	20.4	0	34.4	673	12
Renk	RK587VT2P	VT2P,B	97	215.2	20.2	0	34.4	671	13
Thunder	6996VT2P	VT2P	96	215.1	20.4	0	33.9	670	14
Renk	RK579DGV2P	VT2P,DG	98	212.6	20.7	0	34.4	661	15
Mustang	4296VT2PRIB	VT2P,B	96	212.4	20.9	0	33.4	659	17
Dahlman	R48-21VT2PRIB	VT2P,B	96	211.3	20.0	0	34.8	660	16
Latham	LH4795VT2Pro	VT2P	97	210.8	21.2	0	33.4	652	20
Dairyland	RPM-3715AM	AM,B	96	210.3	20.7	0	33.4	654	19
Dairyland	RPM-3519YHR	OI	96	209.7	19.6	0	33.9	657	18
Hefty	H4612VT2PRIB	VT2P,B	96	207.2	20.6	0	33.9	644	22
Hefty	H4724SS	STX	97	206.2	20.5	0	33.4	642	23
Federal	4880SSTXRIB	STX,B	98	205.3	21.2	0	33.4	635	25
Anderson	675VT2P	VT2P,B	98	205.0	19.2	0	32.9	645	21
Federal	4580VT2PRIB	VT2P,B	95	204.3	21.0	0	33.9	633	26
NuTech	5G-293	3110,A	93	203.2	19.2	0	33.9	639	24
Dairyland	DS-7294A	3220	94	202.4	20.0	0	33.9	633	27
NK Brand	NK9852-3010	3010	98	201.8	19.8	0	34.8	632	28
Titan Pro	86-96 2P	VT2P,B	96	201.8	20.5	0	34.4	628	30
NuTech	E5GN-A395	3110	95	200.7	19.8	0	32.9	628	31
Pioneer	P0157AMX CK	AMX,AQ,B	101	205.3	22.5	0	34.4	629	29
Averages =				204.9	20.2	0	33.9	639	
LSD (0.10) =				16.7	0.6	ns			
LSD (0.25) =				8.8	0.3	ns			
C.V. =				7.8					
Ed Dahle				Prev. years average yield, 201.1 bu/a, 2 yrs					
ed.dahle@firstseedtests.com, (507) 456-6624									

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.25; non-GMO = \$3.25

Test Comments: This site was a slightly rolling and very representative of the surrounding area. Planting conditions were nearly perfect.

The stand was very good and very little lodging was noted at harvest. Ears were filled with kernels to the tips and for most part were very large. Very little leaf disease noticed in September. Rainfall was more than ample and lowered yield in the early test being on lower ground.

† 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: 10/19/2018 Revised:

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FERTILITY - Applied N: 150 Spring
Applied N-P-K (units): 150-60-85
SEEDING - RATE - ROW: May 13 35,100 /A 30" spacing
HARVESTED - STAND: Oct 18 33,900 /A

Full-Season Test
99 - 102 Day CRM
B2018MNWC03b

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
Latham	LH4937VT2Pro	VT2P	99	250.2	20.2	0	34.4	781	1
Dyna-Gro	D43VC81	VT2P	102	247.7	22.0	0	34.4	762	2
Thunder	6999VT2P	VT2P	99	242.0	20.5	0	32.9	753	3
Dahlman	R52-24VT2PRIB	VT2P,B	103	241.8	21.4	0	33.9	747	5
Hefty	H4922VT2P	VT2P	99	240.2	20.2	0	32.9	749	4
NuTech/G2 Gen	5F-702	AM,B	102	237.4	20.6	0	34.4	738	6
Wyffels	W3076RIB GC	VT2P,B	102	237.0	21.2	0	34.4	734	8
Anderson	611R	RR2	100	236.3	20.0	0	33.9	738	7
LG Seeds	LG5505STXRIB	STX,B	101	236.3	21.5	0	34.4	730	9
Hefty	H5212VT2PRIB	VT2P,B	102	235.2	20.9	0	34.4	730	10
Anderson	611SRC	STX,B	100	232.2	21.0	0	33.9	720	11
Latham	LH5245VT2ProRIB	VT2P,B	102	231.6	21.1	0	33.9	717	12
Dahlman	R50-357SSRIB	STX,B	100	231.1	21.3	0	32.9	715	14
Enestvedt	E699SSRIB	STX,B	99	230.3	20.6	0	34.8	716	13
Hefty	H5024SS	STX	100	229.2	21.1	0	31.5	710	15
Thunder	8902SS	STX	102	228.3	21.8	0	33.4	703	17
Pfister	60C2PC	PC	100	227.4	21.0	0	32.9	705	16
Dairyland	DS-7101	PC	101	225.6	21.3	0	33.9	698	18
Federal	5280VT2PRIB	VT2P,B	102	225.2	21.4	0	34.8	696	19
Dekalb	DKC50-08RIB GC	STX,B	100	224.1	21.5	0	34.4	692	22
Dairyland	RPM-4018AM	AM,AQ,B	101	224.0	21.1	0	34.4	694	21
Latham	LH5025VT2ProDGRIB	VT2P,DG,B	100	222.8	20.8	0	34.4	692	23
Mustang	5299VT2PRIB	VT2P,B	99	221.6	19.6	0	33.4	695	20
AgriGold	A629-22STXRIB GC	STX,B	99	220.8	21.5	0	33.4	682	26
Wyffels	W2196RIB GC	VT2P,B	99	220.6	20.7	0	33.9	686	24
LG Seeds	LG5494VT2RIB	VT2P,B	99	218.2	19.3	0	33.4	686	25
Titan Pro	TP 65-00 DG2P	VT2P,DG,B	100	217.3	21.2	0	33.9	673	28
NorthStar	NS 100-464GENSSRIB GC	STX,B	100	216.2	21.8	0	34.4	666	29
Latham	LH5137VT2Pro	VT2P	101	214.6	21.3	0	34.8	664	30
AgriGold	A6267STXRIB GC	STX,B	102	213.6	21.4	0	33.9	660	31
Pioneer	P0157AMX CK	AMX,AQ,B	101	221.1	22.1	0	34.8	679	27
Averages =				218.4	20.9	0	33.9	677	
LSD (0.10) =				19.7	0.6	ns			
LSD (0.25) =				10.4	0.3	ns			
C.V. =				8.6					
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