

2018 Corn Grain Top 30 Harvest Report

Wisconsin Central [WICE] FOX LAKE
Kirk Warmka, Dodge County, WI 53916



Test by: F.I.R.S.T. NCB, Inc., Lanark, IL

PREV. CROP/HERB: Soybean / Roundup, Roundup
SOIL DESCRIPTION: Plano silt loam, mod. well drained, non-irrigated
SOIL CONDITION: Minimum w/o fall till, very high P, very high K, 6.1 pH, 3.7% OM, 14.2 CEC
PEST MANAGEMENT: Impact, Roundup, Force
FERTILITY - Applied N: 168 Spring
Applied N-P-K (units): 168-46-90
SEDED - RATE - ROW: May 17 35,400 /A 30" spacing
HARVESTED - STAND: Nov 1 32,000 /A

Early-Season Test

93 - 98 Day CRM
B2018WICE44a

Top 30 of 40

For Gross Income (Sorted by Yield)
Average of (4) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	D37VC64RIB	VT2P,B	97	244.8	20.9	2	31.5	875	1
LG Seeds	LG5470VT2RIB	VT2P,B	98	238.2	20.7	1	32.2	853	2
Golden Harvest	G97N86-3110	3110	97	237.2	20.4	1	30.8	851	3
FS InVISION	FS 46RL0 EZR	3120,B	96	237.0	20.3	1	30.8	851	4
Jung	47DP429	VT2P,B	97	234.3	20.4	11	32.2	841	5
Hefty	H4612VT2PRIB	VT2P,B	96	233.7	20.5	1	32.8	838	7
Renk	8-536VT2P	VT2P	94	233.4	20.2	1	33.5	839	6
LG Seeds	LG5465VT2RIB	VT2P,B	97	233.3	20.7	1	32.8	835	8
Latham	LH4657VT2ProRIB	VT2P,B	96	231.1	20.4	3	32.8	829	9
Jung	48SS439	STX,B	98	231.1	20.4	4	32.2	829	10
Latham	LH4795VT2Pro	VT2P	97	230.9	21.1	1	29.5	824	11
Golden Harvest	G95D32-3220-EZR	3220,B	95	230.3	21.3	1	31.5	820	12
Latham	LH4517VT2Pro	VT2P	95	229.3	20.9	2	32.8	819	13
Hefty	H4522VT2P	VT2P	95	226.5	20.7	1	32.2	811	14
NuTech	E5GN-A395	3110	95	225.1	20.4	2	33.5	808	15
Golden Harvest	G98B71-3010 GC	3010	98	224.9	20.7	1	32.2	805	16
AgriGold	A624-11-3220AEZ	3220,A,B	94	224.8	20.6	4	31.5	805	17
Golden Harvest	G96V99-3120-EZR	3120,B	96	224.1	20.5	4	29.5	803	18
NorthStar	NS 94-162VT2PRIB	VT2P,B	94	222.3	21.1	1	31.5	793	21
LG Seeds	LG44C27VT2PRO	VT2P	94	221.8	20.2	3	33.5	797	19
Renk	RK568VT2P	VT2P,B	94	221.7	20.4	1	31.5	795	20
Dairyland	RPM-3715AM	AM,B	96	221.5	21.1	2	33.5	790	23
NK Brand	NK9852-3010	3010	98	220.8	20.5	2	30.8	792	22
FS InVISION	FS 47TV1 RIB	VT2P,B	97	220.1	20.8	1	30.8	787	24
Hefty	H4724SS	STX	97	217.6	20.9	2	32.8	777	26
Dairyland	RPM-3519YHR	OI	96	217.1	20.9	3	31.5	776	27
AgriGold	A628-20VT2RIB	VT2P,B	98	216.2	20.0	3	32.2	778	25
AgriGold	A625-78VT2PRO	VT2P	95	216.1	20.3	1	33.5	776	28
Dairyland	DS-7294A	3220	94	216.1	20.9	3	32.2	772	29
Renk	RK587VT2P	VT2P,B	97	214.5	20.5	1	30.2	769	30
Pioneer	P9998AMXT CK	AMXT,AQ,B	99	214.9	21.7	1	32.8	763	33

Jason Beyers

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Averages = **221.9** **20.6** **2** **32.0** **795**

LSD (0.10) = 11.4 0.5 ns

LSD (0.25) = 6.0 0.3 ns

C.V. = 5.6 Prev. years average yield, 212.5 bu/a, 6 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.75; non-GMO = \$3.75

Test Comments: *Planting conditions were good at this location due to being on a well drained hill. The same cannot be said for the rest of the county, which had ponds everywhere. Kirk said, "It never stopped raining since planting". Corn had tremendous vegetative growth, up to 12 feet tall. Ears were filled with kernels but their depth was shallow. The plot was essentially disease-free and nice and uniform.*

† 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: 11/04/2018 Revised:

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SOIL CONDITION: Minimum w/o fall till, very high P, very high K, 6.1 pH, 3.7% OM, 14.2 CEC
PEST MANAGEMENT: Impact, Roundup, Force
FERTILITY - Applied N: 168 Spring
Applied N-P-K (units): 168-46-90
SEEDING - RATE - ROW: May 17 35,400 /A 30" spacing
HARVESTED - STAND: Nov 1 32,400 /A

Full-Season Test
99 - 102 Day CRM
B2018WICE44b

Top 30 of 40

For Gross Income (Sorted by Yield)
Average of (4) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hefty	H5212VT2PRIB	VT2P,B	102	253.0	21.6	1	32.8	899	1
Jung	52SS507RIB	STX,B	102	248.7	21.8	1	33.5	882	3
FS InVISION	FS 51QX1 RIB	STX,B	101	248.6	20.8	1	31.5	889	2
Pioneer	P0157AMXT GC	AMXT,AQ,B	101	245.1	22.1	2	32.8	867	6
Latham	LH4937VT2Pro	VT2P	99	244.8	20.5	7	32.2	878	4
Dairyland	DS-7101	PC	101	244.3	21.5	1	32.2	868	5
LG Seeds	LG5499STXRIB	STX,B	102	242.5	22.3	2	32.8	856	10
Dairyland	RPM-4019AM	AM,B	99	240.8	21.2	3	32.2	858	9
Latham	LH5025VT2ProDGRIB	VT2P,DG,B	100	240.7	20.8	1	32.8	861	7
LG Seeds	LG5494VT2RIB	VT2P,B	99	240.0	20.6	1	32.8	860	8
Renk	RK604SSTX	STX	102	237.6	21.1	10	32.2	848	11
Latham	LH5245VT2ProRIB	VT2P,B	102	237.0	21.5	2	33.5	843	13
Hefty	H5024SS	STX	100	236.7	20.6	2	32.8	848	12
Dyna-Gro	D43VC81	VT2P	102	236.5	22.1	1	32.2	837	15
NorthStar	NS 100-464GENSSRIB	STX,B	100	234.7	21.6	1	32.8	834	17
AgriGold	A630-31VT2RIBD1	VT2P,DG,B	100	234.6	21.4	1	32.2	835	16
Hefty	H4922VT2P	VT2P	99	234.0	20.4	6	32.2	840	14
Dekalb	DKC52-68RIB GC	VT2P,B	102	233.8	22.9	1	32.2	821	21
Golden Harvest	G00H12-3010	3010	100	232.2	21.5	1	34.2	825	20
Dairyland	DS-9599	3000GT	99	231.2	20.2	3	32.2	831	18
NuTech	5N-800	3011,A	100	230.7	20.7	1	32.8	826	19
NuTech/G2 Gen	5F-702	AM,B	102	229.7	22.7	1	32.2	808	24
Renk	RK608DGV2P	VT2P,DG,B	100	227.6	20.6	1	31.5	815	22
Dairyland	RPM-4018AM	AM,AQ,B	101	227.5	21.5	2	32.8	809	23
Golden Harvest	G01D24-3120-EZR	3120,B	101	225.6	20.9	4	33.5	806	25
FS InVISION	FS 52RL0 EZR	3120,B	102	225.2	21.2	2	31.5	803	26
Dekalb	DKC50-08RIB GC	STX,B	100	224.5	21.0	2	30.2	801	27
NK Brand	NK0142-3120-EZR	3120,B	101	222.9	21.5	3	32.8	792	28
Latham	LH5137VT2Pro	VT2P	101	222.3	21.4	1	31.5	791	30
LG Seeds	LG5505STXRIB	STX,B	101	221.4	20.7	2	31.5	792	29
Pioneer	P9998AMXT CK	AMXT,AQ,B	99	223.4	22.1	1	30.8	790	31

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Averages = **230.0** **21.2** **2** **32.4** **820**

LSD (0.10) = 10.8 0.6 ns

LSD (0.25) = 5.7 0.3 ns

C.V. = 5.2 Prev. years average yield, 212.5 bu/a, 6 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.75; non-GMO = \$3.75

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Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
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)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

?	information not provided	Lu	Lumivia™
A	Allegiance®	M	Maxim XL®
AC	Acceleron® fungicide products	MQ	Maxim Quattro®
AL2500	Alert 2500	None	untreated
At	Actellic®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Sa	Sativa™
CE	Cruiser Extreme®	Se	Sebring™
CM	CruiserMaxx® Corn	Sn	Senator™
D	Dynasty®	Sp	Spirato™
Es	Escalate®	SC	SHIELDCoat™
HC	Hefty Complete	V	Votivo®
In	Intego™ Solo	Vi	Vibrance®
L	Lorsban®		

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