

# 2018 Corn Grain Top 30 Harvest Report

Wisconsin Central [ WICE ] WHITEHALL  
Jonathan Long, Trempeleau County, WI 53576



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

PREV. CROP/HERB: Corn / Capreno, atrazine, Roundup  
SOIL DESCRIPTION: Whitehall-Huntsville silt loam, moderately drained, non-irrigated  
SOIL CONDITION: Conventional w/ fall till, very high P, very high K, 6.4 pH, 4.1% OM, 13.6 CEC  
PEST MANAGEMENT: Capreno, atrazine, Roundup, Force  
FERTILITY - Applied N: 149 Spring  
Applied N-P-K (units): 149-0-30  
SEEDING - RATE - ROW: May 16 35,400 /A 30" spacing  
HARVESTED - STAND: Oct 29 32,500 /A

## Early-Season Test

93 - 98 Day CRM  
B2018WICE48a

## 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
Golden Harvest	GM988 3110	3110	97	87.3	10.2	1	32.8	329	1
LG Seeds	LG4470VT298	VT298	96	86.9	10.7	1	34.2	306	2
NuTech	EN94A395	3110	96	85.8	10.4	1	32.8	301	3
FS WISCONSIN	FS 43841 EDN	329LAB	93	84.8	20.1	1	33.6	304	4
NewStar	NS 94 477VT298	VT298	96	139.7		1	33.6	301	5
Reva	R 438VT29	VT29	94	129.5		1	34.2	474	6
Dorland	DP9 371048	48B	96	125.4		1	31	472	7
Dorland	DS 729A	329	94	124.7		1	31	468	8
AgriGold	AG9 29VT298	VT298	96	123.1	10.7			468	9
Latham	LH485VT298	VT298	96	123.0	10.7		32.8	445	10
Reva	R 438VT29	VT298	94	122.4			32.2	442	11
Jing	JT9429	VT298	97	119.1	14.5	1	27.6	438	12
Latham	LH478VT29	VT29	97	114.5		1	30.8	429	13
AgriGold	AG9 11 329A22	329A	94	114.4	14.8	1	32.2	429	14
Latham	LH485VT29	VT29	97	113.7		1	33.6	427	15
Jing	JT94 29	VT 29	97	113.5	14.8	1	33.6	422	16
LG Seeds	LG4470VT298	VT29	96	111.2	13.2	1	33.6	417	17
Golden Harvest	GM9 31 3110	329A	96	109.8	14.5	1	32.8	416	18
Dorland	DP9 3710	3110	96	109.3	14.7	1	32.8	414	19
Latham	LH485VT29	VT29	96	103.9	14.8	1	31.6	390	20
Holly	H4729VT298	VT298	97	103.7	15.0	1	33.6	389	21
NewStar	NS 94 477VT29	VT298	94	101.8	14.9	1	29.6	362	22
Golden Harvest	GM9 31 3110	329A	96	99.0	13.4	1	31.6	371	23
Dorland	DP9 3710	48B	96	95.8	14.4	1	34.2	359	24
FS WISCONSIN	FS 43841 EDN	VT298	96	95.3	13.2	1	34.8	357	25
FS WISCONSIN	FS 477VT29	VT298	97	95.1	15.3	1	28.8	356	26
Holly	H485VT298	VT298	96	92.4	14.8	1	32.8	347	27
Jing	JT94 29	VT 29	96	89.2	13.8	1	34.2	331	28
Reva	R 438VT29	VT298	96	88.4	14.2	1	34.8	325	29
NuTech	NS 29	3110A	93	85.8	9.2	1	30.2	322	31
Pioneer	P9998AMXT CK	AMXT,AQ,B	99	87.1	10.6	1	30.8	327	29

DATA REJECTED

*Jason T. Beyers*

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Averages =	<b>105.1</b>	<b>14.2</b>	<b>1</b>	<b>32.5</b>	<b>390</b>
LSD (0.10) =	36.9	5.2	ns		
LSD (0.25) =	19.4	2.7	ns		
C.V. =	38.5			New test site, no yield history	

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

**Test Comments:** *Black River Falls was the planned location for this plot. A last second decision by that farmer to plant only soybeans forced a site change. Jonathan was willing to host us on short notice. The tests were located in a soybean field with multiple soil types (less than ideal). Water stood on the plot area several times, resulting in more foxtail than corn. This highly variable data is rejected.*

† 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: 10/30/2018 Revised:

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PEST MANAGEMENT: Capreno, atrazine, Roundup, Force  
FERTILITY - Applied N: 149 Spring  
Applied N-P-K (units): 149-0-30  
SEEDING - RATE - ROW: May 16 35,400 /A 30" spacing  
HARVESTED - STAND: Oct 29 32,700 /A

**Full-Season Test**  
**99 - 102 Day CRM**  
B2018WICE48b

**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
Latham	LH424V12PH48B	V2DFB	102	186.2	20.3	1	34.2	467	1
Beck	BE4443071	ST1	102	173.8	20.6	1	33.6	423	2
Jung	J2204798B	ST1.B	102	171.8	22.3	1	34.2	467	3
Latham	LH437V12PH4	V2DF	99	164.9	19.9	1	32.2	394	4
Holly	HL212V12PH48B	V2DFB	102	164.1	19.9	1	34.2	473	5
FS 424122N	FS 424122N	3124B	102	159.0	19.9	1	32.8	394	7
Holly	HL24433	ST1	100	157.7	19.9	1	33.6	394	8
LG Seeds	L224407148B	ST1.B	101	157.2	21.1	1	33.6	395	6
LG Seeds	L224407148B	ST1.B	101	152.8	21.9	1	33.6	341	10
AgriGold	AG242207148B	ST1.B	102	152.2	19.9	1	32.8	349	9
Latham	LH113V12PH4	V2DF	101	149.9	19.9	1	33.6	324	11
Golden Harvest	GH224312422N	3124B	101	149.0	22.3	1	33.6	316	13
Holly	HL22V12DF	V2DF	99	144.4	19.9	1	33.6	323	12
NuTech22 Gen	N21702	ST1	102	139.4	21.3	1	32.8	479	16
MR Seed	MR242312422N	3124B	101	138.9	22.3	1	31.6	465	19
MR Seed	MR2193122422N GC	3124B	101	138.9	19.4	1	30.8	471	17
Dynalene	DN24219442	MR242B	102	129.7	19.8	1	32.8	472	18
Dynalene	DN24219442	MR242B	102	129.4	19.8	1	33.6	467	18
AgriGold	AG219442	V2DF	101	122.9	20.3	1	31.6	441	20
Dynalene	DN219442	V2DF	102	119.1	17.9	1	31.6	436	21
NuTech	N21802	ST1	100	114.8	19.9	1	32.8	424	22
NuTech	N21802	ST1.B	100	112.3	19.2	1	29.8	420	23
CropGen	CG219442	ST1.B	100	111.1	14.2	1	31.6	417	24
Dynalene	DN219442	ST1.B	100	109.1	19.1	1	34.2	409	25
CropGen	CG219442	V2DFB	100	108.4	19.6	1	30.2	406	26
Golden Harvest	GH219442	3019	100	105.8	14.6	1	30.8	379	27
Jung	J119442	ST1.B	101	100.0	17.8	1	29.6	367	29
Jung	J12248B	ST1.B	102	96.2	19.6	1	34.8	368	28
Dynalene	DN219442 GC	V2DFB	102	96.2	11.8	1	32.2	361	30
Beck	BE4443071	V2DF0LB	100	93.7	19.4	1	34.2	351	31
Pioneer	P9998AMXT CK	AMXT,AQ,B	99	130.2	16.2	1	32.8	484	14

DATA REJECTED

Averages =	<b>119.3</b>	<b>16.0</b>	<b>1</b>	<b>32.7</b>	<b>436</b>
LSD (0.10) =	40.4	5.8	ns		
LSD (0.25) =	21.2	3.0	ns		
C.V. =	37.1			New test site, no yield history	

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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.