

2018 Corn Grain Top 30 Harvest Report

Wisconsin Central [WICE] PLOVER
 Matt Hintz, Portage County, WI 54406



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

PREV. CROP/HERB: Soybean / Roundup, Sharpen, Roundup, Cadet
 SOIL DESCRIPTION: Billett sandy loam, well drained, irrigated
 SOIL CONDITION: Minimum w/o fall till, very high P, very high K, 6.1 pH, 1.6% OM, 7.8 CEC
 PEST MANAGEMENT: Credit Extra, Dual, atrazine, Roundup
 FERTILITY - Applied N: 225 Sidedress
 Applied N-P-K (units): 225-0-90
 SEEDING - RATE - ROW: May 14 35,400 /A 30" spacing
 HARVESTED - STAND: Nov 1 33,500 /A

Early-Season Test

93 - 98 Day CRM
 B2018WICE45a

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
LG Seeds	LG5465VT2RIB	VT2P,B	97	236.9	19.7	1	34.2	855	1
Golden Harvest	G97N86-3110	3110	97	235.7	19.5	1	34.2	852	2
Renk	RK579DGV2P	VT2P,DG	98	233.9	19.8	1	34.8	843	3
Jung	47DP429	VT2P,B	97	232.6	19.3	1	33.5	842	4
Latham	LH4657VT2ProRIB	VT2P,B	96	231.9	20.8	5	34.8	829	7
Dairyland	RPM-3715AM	AM,B	96	230.3	19.8	1	33.5	830	6
Latham	LH4517VT2Pro	VT2P	95	229.6	19.2	1	34.2	832	5
NorthStar	NS 94-162VT2PRIB	VT2P,B	94	229.1	21.6	13	32.2	814	11
Dairyland	RPM-3519YHR	OI	96	226.9	20.1	1	34.8	816	9
Renk	8-536VT2P	VT2P	94	225.8	19.7	1	34.8	815	10
Dyna-Gro	D37VC64RIB	VT2P,B	97	225.2	18.5	1	34.8	821	8
Renk	RK587VT2P	VT2P,B	97	223.6	19.6	1	32.2	808	12
Hefty	H4724SS	STX	97	222.3	20.3	1	33.5	798	15
Hefty	H4612VT2PRIB	VT2P,B	96	220.4	19.9	1	32.8	794	16
Jung	46SS427RIB	STX,B	96	219.9	18.7	1	33.5	800	14
NuTech	E5GN-A395	3110	95	219.5	19.9	1	32.8	791	17
FS InVISION	FS 47TV1 RIB	VT2P,B	97	218.5	20.5	7	30.8	783	19
AgriGold	A625-78VT2PRO	VT2P	95	215.4	18.6	1	34.2	784	18
Golden Harvest	G98B71-3010 GC	3010	98	213.8	19.5	1	34.2	773	20
Latham	LH4835VT2Pro	VT2P	98	213.8	20.0	1	34.2	770	21
Hefty	H4522VT2P	VT2P	95	212.0	21.1	13	32.8	756	27
FS InVISION	FS 43RA1 EZR	3220,A,B	93	211.4	19.7	1	32.8	763	22
FS InVISION	FS 46RL0 EZR	3120,B	96	209.6	19.6	3	30.2	757	25
Dairyland	RPM-3518AM	AM,B	96	209.5	20.5	2	33.5	751	30
NorthStar	NS 95-577VT2PRIB	VT2P,B	95	209.1	19.5	1	34.2	756	28
LG Seeds	LG5470VT2RIB	VT2P,B	98	209.0	19.3	1	34.8	757	26
NK Brand	NK9852-3010	3010	98	209.0	19.5	1	34.2	756	29
LG Seeds	LG44C27VT2PRO	VT2P	94	208.9	18.3	1	32.2	763	23
AgriGold	A628-20VT2RIB	VT2P,B	98	207.5	18.2	1	34.8	758	24
NuTech	5G-293	3110,A	93	206.0	18.7	1	33.5	750	31
Pioneer	P9998AMXT CK	AMXT,AQ,B	99	225.8	21.5	1	32.8	803	13

Jason Beyers

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Averages = **215.9** **19.6** **2** **33.5** **780**

LSD (0.10) = 13.1 0.8 ns

LSD (0.25) = 6.9 0.4 ns

C.V. = 6.7 Prev. years average yield, 167.5 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 ideal in this area. This is a really light soil, that contains lots of stones, but the plot was under an irrigation pivot. I'm not sure if Matt had to run the pivot much this year due to all the rainfall. Plants were short statured but still standing well at harvest. Plot had an excellent pollination period, but kernel depth was shallow. Very few diseases present at harvest.*

† 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, 1.6% OM, 7.8 CEC
 PEST MANAGEMENT: Credit Extra, Dual, atrazine, Roundup
 FERTILITY - Applied N: 225 Sidedress
 Applied N-P-K (units): 225-0-90
 SEEDING - RATE - ROW: May 14 35,400 /A 30" spacing
 HARVESTED - STAND: Nov 1 33,300 /A

Full-Season Test
99 - 102 Day CRM
 B2018WICE45b

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	H4922VT2P	VT2P	99	235.1	19.0	2	34.2	853	1
Pioneer	P0157AMXT GC	AMXT,AQ,B	101	233.5	22.5	1	32.8	823	5
Dekalb	DKC52-68RIB GC	VT2P,B	102	233.0	23.7	1	32.2	813	7
Latham	LH4937VT2Pro	VT2P	99	232.8	19.1	1	33.5	844	2
AgriGold	A629-22STXRIB	STX,B	99	231.6	20.8	13	33.5	828	4
Dairyland	RPM-4019AM	AM,B	99	230.1	19.7	1	34.8	830	3
NuTech/G2 Gen	5F-702	AM,B	102	230.0	21.8	1	32.2	816	6
Jung	52SS507RIB	STX,B	102	223.5	22.0	2	34.2	791	8
Renk	8-593SSTX	STX	99	219.6	20.1	1	32.2	790	9
FS InVISION	FS 51QX1 RIB	STX,B	101	218.9	20.4	1	34.2	785	11
AgriGold	A630-31VT2RIBD1	VT2P,DG,B	100	218.2	19.9	2	34.2	786	10
LG Seeds	LG5499STXRIB	STX,B	102	218.0	22.3	1	34.8	770	17
Dyna-Gro	D43VC81	VT2P	102	217.8	21.2	1	33.5	776	14
Hefty	H5212VT2PRIB	VT2P,B	102	217.2	20.9	1	34.2	776	15
Jung	7S522RIB	STX,B	102	216.7	19.7	1	33.5	782	12
LG Seeds	LG5505STXRIB	STX,B	101	216.7	20.6	3	34.2	776	16
Latham	LH5025VT2ProDGRIB	VT2P,DG,B	100	216.4	19.8	1	33.5	780	13
Golden Harvest	G00H12-3010	3010	100	214.3	21.3	1	31.5	763	20
Latham	LH5245VT2ProRIB	VT2P,B	102	213.7	20.8	2	33.5	764	19
Renk	RK608DGV2P	VT2P,DG,B	100	211.7	20.1	1	31.5	761	21
Dairyland	DS-9599	3000GT	99	211.0	18.7	1	32.2	768	18
Latham	LH5137VT2Pro	VT2P	101	210.6	21.0	2	34.2	752	25
Dairyland	RPM-4018AM	AM,AQ,B	101	210.6	21.4	1	32.2	749	27
Dairyland	DS-7101	PC	101	210.1	21.2	1	32.8	749	28
NuTech	5N-800	3011,A	100	210.0	19.5	1	34.2	759	22
Renk	RK604SSTX	STX	102	209.9	20.9	1	33.5	750	26
Croplan	4020VT2PRIB GC	VT2P,B	100	208.0	18.8	1	34.2	756	23
Dekalb	DKC50-08RIB GC	STX,B	100	207.7	20.2	1	32.8	746	30
Hefty	H5003VT2PDGRIB	VT2P,DG,B	100	207.4	20.0	1	33.5	747	29
NorthStar	NS 100-464GENSSRIB	STX,B	100	206.5	20.0	1	32.8	743	31
Pioneer	P9998AMXT CK	AMXT,AQ,B	99	213.9	22.3	1	32.2	755	24

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Averages = **212.3** **20.6** **2** **33.3** **760**

LSD (0.10) = 12.3 0.6 ns

LSD (0.25) = 6.5 0.3 ns

C.V. = 6.3 Prev. years average yield, 167.5 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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Early-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A624-11-3220AEZ	3220,A,B	AC,P5V	94					
AgriGold	A625-78VT2PRO	VT2P	AC,P5V	95					
AgriGold	A628-20VT2RIB	VT2P,B	AC,P5V	98					
Dairyland	DS-7294A	3220	CM,C5,Vi,In	94					
Dairyland	RPM-3518AM	AM,B	CM,C2,R,Lu	96					
Dairyland	RPM-3519YHR	OI	MQ,P5V,R	96					
Dairyland	RPM-3715AM	AM,B	MQ,P5V,R	96					
Dyna-Gro	D37VC64RIB	VT2P,B	AC,P5V	97					
FS InVISION	FS 43RA1 EZR	3220,A,B	AC,P2	93					
FS InVISION	FS 45SV1 RIB	VT2P,B	AC,P2	95					
FS InVISION	FS 46RL0 EZR	3120,B	CM,C2	96					
FS InVISION	FS 47TV1 RIB	VT2P,B	AC,P2	97					
Golden Harvest	G95D32-3220-EZR	3220,B	AVC,C2,Vi	95					
Golden Harvest	G96V99-3120-EZR	3120,B	AVC,C2,Vi	96					
Golden Harvest	G97N86-3110	3110	AVC,C2,Vi	97					
Golden Harvest	G98B71-3010 GC	3010	AVC,C2,Vi	98					
Hefty	H4322VT2P	VT2P	HC	93					
Hefty	H4522VT2P	VT2P	HC	95					
Hefty	H4612VT2PRIB	VT2P,B	HC	96					
Hefty	H4724SS	STX	HC	97					
Jung	46SS427RIB	STX,B	AC,P5V	96					
Jung	47DP429	VT2P,B	AC,P2	97					
Jung	48SS439	STX,B	AC,P5V	98					
Latham	LH4517VT2Pro	VT2P	AC,P5V	95					
Latham	LH4657VT2ProRIB	VT2P,B	AC,P2	96					
Latham	LH4795VT2Pro	VT2P	AC,P5V	97					
Latham	LH4835VT2Pro	VT2P	CE,C2	98					
LG Seeds	LG44C27VT2PRO	VT2P	AC,P5V	94					
LG Seeds	LG5465VT2RIB	VT2P,B	AC,P5V	97					
LG Seeds	LG5470VT2RIB	VT2P,B	AC,P5V	98					
NK Brand	NK9852-3010	3010	AVC,C2,Vi	98					
NorthStar	NS 94-162VT2PRIB	VT2P,B	AC,P2	94					
NorthStar	NS 95-577VT2PRIB	VT2P,B	AC,P2	95					
NuTech	5G-293	3110,A	MQ,P5V,R	93					
NuTech	E5GN-A395	3110	AVC,Vi	95					
Pioneer	P9998AMXT CK	AMXT,AQ,B	MQ,C5,R	99					
Renk	8-536VT2P	VT2P	AC,P2	94					
Renk	RK568VT2P	VT2P,B	AC,P2	94					
Renk	RK579DGV2P	VT2P,DG	AC,P2	98					
Renk	RK587VT2P	VT2P,B	AC,P2	97					

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.