

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

2019 Corn Grain Top 30 Harvest Report

Wisconsin South [WISO] WOODSTOCK, IL
Dan Sass, McHenry County, IL 60098

Early-Season Test	99 - 104 Day CRM B2019WISO01a
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Valor XLT, Cobra, Clethodim, Roundup Power Max
SOIL DESCRIPTION:	Waupecan silt, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 5.3 pH, 3.3% OM, 18.8 CEC
PEST MANAGEMENT:	Keystone La, Durango, Force
FERTILITY - Applied N:	32.0 Fall, 100 Spring, 60 Sidedress
Applied N-P-K (units):	192-81-110
SEEDED - RATE - ROW:	Apr 25 37.5 /A 30" spacing
HARVESTED - STAND:	Nov 8 34.8 /A

TEST COMMENTS:

Location was planted early and received a snow within 2 days after planting. Conditions were good at planting and emergence was good as well. After emergence this area receive ample amounts of moisture for the next month. Corn all had good vegetative growth and had high ear placement across the plot. Pollinations was good with little to no tip back. Mostly disease free.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
CORNELIUS	C6438DP	VT2P	104	243.9	19.9	1	34.0	867	1
HEFTY	H5212VT2PRIB GC	VT2P,B	102	241.4	19.2	1	35.7	863	2
WYFFELS	W2236	VT2P	99	239.3	19.1	1	33.1	856	3
DAIRYLAND	DS-4440AM	AM,B	104	237.1	19.8	1	33.9	843	4
DAIRYLAND	DS-7004RA	PC,B	104	235.8	19.9	1	33.1	838	5
INTEGRA	CX931104	VT2P	104	235.5	20.0	1	35.7	836	6
TITAN PRO	82-04 2P	VT2P,B	104	234.0	19.6	1	36.6	834	7
LATHAM	LH5245VT2PRIB	VT2P,B	102	233.5	19.8	1	33.9	831	8
LATHAM	LH5377VT2PRIB	VT2P,B	100	231.5	20.1	1	33.9	821	9
DAIRYLAND	DS-4310AM	AM	103	230.8	19.8	1	33.1	821	10
WYFFELS	W3488RIB	STX,B	104	230.1	19.5	1	33.1	820	12
AUGUSTA	A3052	3110	102	229.9	19.4	1	35.7	821	11
JUNG	54SS528	STX,B	104	229.5	19.7	1	36.6	817	13
RENK	RK626SSTX	STX	102	228.8	19.6	1	35.7	815	14
NK BRAND	NK0472-3110	3110	104	228.7	19.8	1	36.6	813	15
BURRUS	POWER PLUS 2Y06AM^	AM,B	104	227.7	19.8	1	35.7	810	17
FS INVISON	FS 51QX1 RIB	STX,B	101	227.3	19.2	1	35.7	812	16
AUGUSTA	A3054	3110	104	227.1	20.0	1	33.9	806	18
BURRUS	POWER PLUS 2V15AMXT^	AMXT,B	104	226.5	20.1	1	34.8	804	19
CORNELIUS	C385DP	VT2P	103	225.6	19.6	1	36.6	804	20
NK BRAND	NK0243-3120-EZR	3120,B	102	224.7	19.5	1	34.8	801	23
WYFFELS	W2506RIB	VT2P,B	101	224.6	19.7	1	36.6	799	24
CORNELIUS	C349SS	STX	102	224.3	19.2	1	34.8	802	22
FS INVISON	FS 53ZX1 RIB	STX,B	103	223.7	19.6	1	34.8	797	25
LATHAM	EX 5035 VT2P	VT2P	100	222.2	19.6	1	34.8	791	26
JUNG	53SS517RIB	STX,B	103	221.8	20.1	1	36.6	787	29
GOLDEN HARVEST	G03R40-3110	3110	103	221.6	19.9	1	34.8	787	30
FEDERAL	5280CONV	None	101	221.5	19.3	1	34.8	791	27
FEDERAL	4999VT2PRIB	VT2P,B	99	221.4	19.7	1	33.9	788	28
INTEGRA	5081	VT2P,DG,B	100	219.7	19.2	1	33.9	785	31
PIONEER	P0389AMX CK	AMX-R,B	104	226.0	20.0	1	34.8	802	21

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Averages = **222.2** **19.6** **1** **34.8** **792**
 LSD (0.10) = 11.1 0.3 ns
 LSD (0.25) = 5.8 0.2 ns
 C.V. = 4.8

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.70; non-GMO = \$3.75

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PEST MANAGEMENT:	Keystone La, Durango, Force
FERTILITY - Applied N:	32.0 Fall, 100 Spring, 60 Sidedress
Applied N-P-K (units):	192-81-110
SEEDED - RATE - ROW:	Apr 25 37.5 /A 30" spacing
HARVESTED - STAND:	Nov 8 34.4 /A

TEST COMMENTS:

Location was planted early and received a snow within 2 days after planting. Conditions were good at planting and emergence was good as well. After emergence this area receive ample amounts of moisture for the next month. Corn all had good vegetative growth and had high ear placement across the plot. Pollinations was good with little to no tip back. Mostly disease free.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
WYFFELS	W4638	STX	107	250.9	20.7	1	35.7	886	1
CORNELIUS	C573DP	VT2P	108	249.2	20.6	1	33.9	880	3
WYFFELS	W4196RIB	VT2P,B	105	248.7	20.2	1	33.9	882	2
JUNG	56SS538	STX,B	106	248.0	20.9	1	34.8	874	4
LATHAM	LH5725VT2PRIB	VT2P,B	107	246.6	20.4	1	35.7	872	5
LATHAM	LH5847VT2PRIB	VT2P,B	108	245.6	20.8	1	34.8	866	6
ARMOR	X9110	VT2P	108	245.0	21.1	1	33.9	862	7
BURRUS	POWER PLUS 4Y34^	OI	108	242.7	20.5	1	35.7	858	8
RENK	RK765VT2P	VT2P	108	242.2	20.3	1	34.8	858	9
RENK	RK763VT2P	VT2P,B	108	241.0	20.5	1	34.8	852	10
FEDERAL	5885VT2PRIB	VT2P,B	108	239.9	20.4	1	35.7	849	11
INTEGRA	5770	STX	107	239.9	20.5	1	34.8	848	12
WYFFELS	W5086	VT2P	107	239.7	20.5	1	35.7	848	13
AUGUSTA	A3058	3120,A,B	108	239.7	21.2	1	33.9	842	15
ARMOR	X9107A	STX	107	238.6	20.2	1	33.9	845	14
BURRUS	POWER PLUS 3V14^	AM,B	106	237.8	20.5	1	34.8	840	16
ARMOR	X9105B	VT2P	105	237.0	20.4	1	34.8	838	17
DAIRYLAND	DS-4329AM	AM,B	105	235.7	20.2	1	35.7	836	18
INTEGRA	5719	VT2P,B	107	235.2	21.2	1	34.8	826	21
WYFFELS	W5516RIB	VT2P,B	108	234.5	20.3	1	34.8	830	19
FS INVISION	FS 57ZV1 RIB	VT2P,B	107	233.2	19.6	1	33.9	830	20
DAIRYLAND	DS-4840AM	AM,B	108	232.2	20.7	1	33.9	820	23
RENK	RK710DGV2P	VT2P,DG,B	106	231.7	20.1	1	34.8	822	22
RENK	RK737SSTX	STX,B	106	231.1	20.5	1	34.0	817	28
GOLDEN HARVEST	G05K08-3010A-EXR	3010,A	105	231.0	20.0	1	33.9	820	24
FS INVISION	FS 5594X RIB	STX,B	105	230.9	20.3	1	35.7	818	27
LATHAM	LH5742RR	RR2	107	230.6	20.7	1	34.8	814	30
LATHAM	LH5635VT2PRIB	VT2P,B	106	230.5	19.8	1	33.9	819	25
DAIRYLAND	DS-4816AM	AM,B	108	229.8	20.6	1	33.9	812	31
INTEGRA	5529	STX,B	105	229.8	19.9	1	34.8	816	29
PIONEER	P0389AMX CK	AMX-R,B	104	231.5	20.5	28	34.8	818	26
				Averages =	232.0	20.4	1	34.4	821
				LSD (0.10) =	8.3	0.4	ns		
				LSD (0.25) =	4.4	0.2	ns		
				C.V. =	3.4				

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2019 Corn - Wisconsin South [WISO]



Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RM
ARMOR	X9101A	VT2P	101
AUGUSTA	A3052	3110	102
AUGUSTA	A3054	3110	104
BURRUS	POWER PLUS 2V15AMXT^	AMXT,B	104
BURRUS	POWER PLUS 2Y06AM^	AM,B	104
CORNELIUS	C349SS	STX	102
CORNELIUS	C385DP	VT2P	103
CORNELIUS	C6438DP	VT2P	104
DAIRYLAND	DS-4018AM	AM,AQ,B	101
DAIRYLAND	DS-4019AM	AM,B	99
DAIRYLAND	DS-4310AM	AM	103
DAIRYLAND	DS-4440AM	AM,B	104
DAIRYLAND	DS-7004RA	PC,B	104
DEKALB	DKC52-68RIB GC	VT2P,B	102
FEDERAL	4999VT2PRIB	VT2P,B	99
FEDERAL	5280CONV	None	101
FS INVISION	FS 5098X RIB	STX,B	100
FS INVISION	FS 51QX1 RIB	STX,B	101
FS INVISION	FS 53ZX1 RIB	STX,B	103
GOLDEN HARVEST	G00H12-3010	3010	100
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102
GOLDEN HARVEST	G03R40-3110	3110	103
GOLDEN HARVEST	G04S19-3122-EZR	3122,B	104
HEFTY	H4922VT2PRIB GC	VT2P,B	99
HEFTY	H4933VT2PDGRIB GC	VT2P,DG,B	99
HEFTY	H5132VT2P GC	VT2P	101
HEFTY	H5212VT2PRIB GC	VT2P,B	102
HEFTY	H5334SS GC	STX	103
INTEGRA	5081	VT2P,DG,B	100
INTEGRA	5280	STX,B	102
INTEGRA	CX931104	VT2P	104
JUNG	52SS507RIB	STX,B	102
JUNG	53SS517RIB	STX,B	103
JUNG	54SS528	STX,B	104
LATHAM	EX 5035 VT2P	VT2P	100
LATHAM	LH5077VT2PRIB	VT2P,B	100

Company/Brand	Brand/Product	Technology	RM
LATHAM	LH5245VT2PRIB	VT2P,B	102
LATHAM	LH5377VT2PRIB	VT2P,B	100
LATHAM	LH5487VT2PRIB	VT2P,B	104
NK BRAND	NK0243-3120-EZR	3120,B	102
NK BRAND	NK0472-3110	3110	104
PIONEER	P0157AMXT GC	AMXT,AQ,B	101
PIONEER	P0389AMX CK	AMX-R,B	104
RENK	RK579DGV2P	VT2P,DG,B	98
RENK	RK604SSTX	STX,B	102
RENK	RK621VT2P	VT2P	102
RENK	RK626SSTX	STX	102
RENK	RK642VT2P	VT2P,B	103
TITAN PRO	82-04 2P	VT2P,B	104
TITAN PRO	92-99 2P	VT2P,B	99
WYFFELS	W2198RIB	STX,B	100
WYFFELS	W2236	VT2P	99
WYFFELS	W2506RIB	VT2P,B	101
WYFFELS	W3488RIB	STX,B	104

2019 Corn - Wisconsin South [WISO]



Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RM
ARMOR	X9105	VT2P	106
ARMOR	X9105B	VT2P	105
ARMOR	X9107A	STX	107
ARMOR	X9110	VT2P	108
AUGUSTA	A1059	3110	109
AUGUSTA	A2856	3220,B	105
AUGUSTA	A3058	3120,A,B	108
AUGUSTA	A4858	3010,B	108
BURRUS	POWER PLUS 3B47 Q^	QR,B	106
BURRUS	POWER PLUS 3V14^	AM,B	106
BURRUS	POWER PLUS 4Y34^	OI	108
CORNELIUS	C461SS	STX	106
CORNELIUS	C478DP	VT2P	106
CORNELIUS	C573DP	VT2P	108
DAIRYLAND	DS-4329AM	AM,B	105
DAIRYLAND	DS-4580AM	AM	105
DAIRYLAND	DS-4816AM	AM,B	108
DAIRYLAND	DS-4840AM	AM,B	108
DAIRYLAND	DS-562XRR	RR2	106
FEDERAL	5885VT2PRIB	VT2P,B	108
FS INVISION	FS 5594X RIB	STX,B	105
FS INVISION	FS 55RL1 EZR	3220,B	105
FS INVISION	FS 57ZV1 RIB	VT2P,B	107
FS INVISION	FS 57ZX1 RIB	STX,B	107
FS INVISION	FS 58RL1 EZR	3220,B	108
GOLDEN HARVEST	G05K08-3010A-EXR	3010,A	105
GOLDEN HARVEST	G06Q68-3220	3220,B	106
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108
INTEGRA	5529	STX,B	105
INTEGRA	5719	VT2P,B	107
INTEGRA	5770	STX	107
JUNG	56SS538	STX,B	106
JUNG	57SS530	STX,B	107
JUNG	58SS537RIB	STX,B	108
LATHAM	LH5546-3220-EZR	3220,B	105
LATHAM	LH5635VT2PRIB	VT2P,B	106

Company/Brand	Brand/Product	Technology	RM
LATHAM	LH5725VT2PRIB	VT2P,B	107
LATHAM	LH5742RR	RR2	107
LATHAM	LH5847VT2PRIB	VT2P,B	108
NK BRAND	NK0624-3220-EZR	3220,B	106
NK BRAND	NK0886-3120-EZR	3120,B	108
PIONEER	P0389AMX CK	AMX-R,B	104
PIONEER	P0707AMXT GC	AMXT,B	107
RENK	RK710DGV2P	VT2P,DG,B	106
RENK	RK717SSTX	STX,B	105
RENK	RK737SSTX	STX,B	106
RENK	RK763VT2P	VT2P,B	108
RENK	RK765VT2P	VT2P	108
TITAN PRO	96-06 2P	VT2P,B	106
WYFFELS	W4196RIB	VT2P,B	105
WYFFELS	W4358RIB	STX,B	106
WYFFELS	W4638	STX	107
WYFFELS	W5086	VT2P	107
WYFFELS	W5516RIB	VT2P,B	108

Footnotes and Abbreviations Descriptions

Brand Footnotes

[^] Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark 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*

3010	Agrisure® 3010 (CB,LL,GT)	AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	AQ	Optimum® AQUAMax®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	B	Refuge blend product	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	CB	Agrisure® Corn Borer	PC	PowerCore™ (HX, VT2P)
3120	Agrisure® 3120 (CB,HX,LL,GT)	DG	Genuity® DroughtGard®	RR2	Roundup Ready® 2 Corn
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)	RW	Agrisure® Rootworm
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	GT	Agrisure® GT	STX	SmartStax® (VT3P,HXT,RR2,LL)
3330	Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT)	HX	Herculex® 1, contains LL	TRE	Genuity® Trecepta™
A	Agrisure® Artesian®	HXRW	Herculex® Rootworm, contains LL	VT2P	Genuity® VT Double PRO®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	HXT	Herculex® Xtra (HX,HXRW,LL)	VT3P	Genuity® VT Triple PRO®
AMT	Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)	LL	LibertyLink®	YGCB	YieldGard® Corn Borer
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	None	conventional corn		

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