

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

## 2019 Corn Grain Top 30 Harvest Report

Wisconsin South [WISO] OREGON, WI

Kevin Klahn, Dane County, WI 53521

<b>Early-Season Test</b>	99 - 104 Day CRM B2019WISO05a
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Metrabuzin, Envive, Roundup, Roundup
<b>SOIL DESCRIPTION:</b>	Dresden silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Strip-Till, low P, medium K, 5.7 pH, 2.1% OM, 12.9 CEC
<b>PEST MANAGEMENT:</b>	Roundup, Surestart, Diablo, Atrazine, Realm Q, Force
<b>FERTILITY - Applied N:</b>	14.0 Fall, 75 Spring, 73 Sidedress
<b>Applied N-P-K (units):</b>	162-35-90
<b>SEEDED - RATE - ROW:</b>	May 13 35.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 28 37.6 /A

### TEST COMMENTS:

*I believe that every kernel that went in the ground emerged. Corn was nice and uniform at V4 stage and continued to progress well during the vegetative growth. There was evidence of 5-10% leaf coverage with Tar Spot, which more than likely impacted the top end. Corn was all still standing well, but most of the tops were blown out. Cobs ranged from really tough to extremely soft depending on hybrid.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
INTEGRA	CX931104	VT2P	104	<b>242.6</b>	20.1	1	38.4	860	1
RENK	RK626SSTX	STX	102	<b>238.7</b>	19.3	1	36.6	853	3
CORNELIUS	C385DP	VT2P	103	<b>238.1</b>	18.8	1	39.3	854	2
HEFTY	H5132VT2P GC	VT2P	101	<b>236.8</b>	18.7	1	38.4	850	4
TITAN PRO	82-04 2P	VT2P,B	104	<b>236.6</b>	20.3	1	37.5	838	6
LATHAM	LH5377VT2PRIB	VT2P,B	100	<b>235.4</b>	19.8	1	36.6	837	7
DAIRYLAND	DS-4310AM	AM	103	<b>235.2</b>	21.4	1	36.6	825	13
LATHAM	LH5077VT2PRIB	VT2P,B	100	<b>234.5</b>	18.2	1	36.6	845	5
DAIRYLAND	DS-4440AM	AM,B	104	233.4	20.0	1	37.5	829	10
HEFTY	H5212VT2PRIB GC	VT2P,B	102	232.5	18.9	1	36.6	833	8
BURRUS	POWER PLUS 2Y06AM^	AM,B	104	232.5	19.5	1	39.3	829	11
HEFTY	H4933VT2PDGRIB GC	VT2P,DG,B	99	231.4	18.8	1	36.6	830	9
FS INVISION	FS 53ZX1 RIB	STX,B	103	230.8	19.7	1	39.3	821	17
WYFFELS	W2236	VT2P	99	229.9	19.0	1	37.5	823	15
WYFFELS	W2506RIB	VT2P,B	101	229.7	19.1	1	37.5	822	16
TITAN PRO	92-99 2P	VT2P,B	99	229.3	18.0	1	36.6	828	12
LATHAM	EX 5035 VT2P	VT2P	100	229.2	18.6	1	37.5	824	14
PIONEER	P0157AMXT GC	AMXT,AQ,B	101	229.1	20.1	1	38.4	813	20
ARMOR	X9101A	VT2P	101	228.1	19.1	2	37.5	816	19
FEDERAL	5280CONV	None	101	227.9	18.9	1	36.6	817	18
FS INVISION	FS 5098X RIB	STX,B	100	227.2	19.4	1	38.4	811	21
JUNG	53SS517RIB	STX,B	103	226.2	21.6	1	38.4	792	28
CORNELIUS	C6438DP	VT2P	104	225.3	20.4	1	37.5	797	22
WYFFELS	W3488RIB	STX,B	104	224.2	20.1	1	37.5	795	24
INTEGRA	5280	STX,B	102	223.2	19.7	1	36.6	794	25
RENK	RK642VT2P	VT2P,B	103	222.8	19.7	1	35.7	793	27
DAIRYLAND	DS-7004RA	PC,B	104	221.9	20.9	1	36.6	782	31
LATHAM	LH5487VT2PRIB	VT2P,B	104	221.4	20.2	1	40.2	785	30
INTEGRA	5081	VT2P,DG,B	100	220.9	18.2	1	37.5	796	23
FEDERAL	4999VT2PRIB	VT2P,B	99	220.0	18.0	1	35.7	794	26
PIONEER	P0389AMX CK	AMX-R,B	104	221.9	20.2	1	37.5	787	29
				<b>Averages =</b>	<b>221.9</b>	<b>19.6</b>	<b>1</b>	<b>37.6</b>	<b>791</b>
				<b>LSD (0.10) =</b>	12.1	0.6	1		
				<b>LSD (0.25) =</b>	6.4	0.3	1		
				<b>C.V. =</b>	5.2				

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**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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## 2019 Corn Grain Top 30 Harvest Report

Wisconsin South [WISO] OREGON, WI

Kevin Klahn, Dane County, WI 53521

<b>Full-Season Test</b>	105 - 108 Day CRM B2019WISO05b
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Metrabuzin, Envive, Roundup, Roundup
<b>SOIL DESCRIPTION:</b>	Dresden silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Strip-Till, low P, medium K, 5.7 pH, 2.1% OM, 12.9 CEC
<b>PEST MANAGEMENT:</b>	Roundup, Surestart, Diablo, Atrazine, Realm Q, Force
<b>FERTILITY - Applied N:</b>	14.0 Fall, 75 Spring, 73 Sidedress
<b>Applied N-P-K (units):</b>	162-35-90
<b>SEEDED - RATE - ROW:</b>	May 13 35.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 28 37.5 /A

### TEST COMMENTS:

*I believe that every kernel that went in the ground emerged. Corn was nice and uniform at V4 stage and continued to progress well during the vegetative growth. There was evidence of 5-10% leaf coverage with Tar Spot, which more than likely impacted the top end. Corn was all still standing well, but most of the tops were blown out. Cobs ranged from really tough to extremely soft depending on hybrid.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
RENK	RK765VT2P	VT2P	108	<b>244.9</b>	20.8	1	38.4	863	1
LATHAM	LH5725VT2PRIB	VT2P,B	107	<b>240.3</b>	21.3	1	38.4	844	2
LATHAM	LH5847VT2PRIB	VT2P,B	108	<b>238.5</b>	23.0	1	37.5	825	10
FS INVISON	FS 57ZV1 RIB	VT2P,B	107	<b>238.5</b>	20.4	1	37.5	844	3
ARMOR	X9105B	VT2P	105	<b>237.5</b>	20.1	1	37.5	843	4
TITAN PRO	96-06 2P	VT2P,B	106	<b>236.9</b>	20.4	1	39.3	838	5
RENK	RK710DGV2P	VT2P,DG,B	106	<b>236.1</b>	20.4	1	36.6	836	6
GOLDEN HARVEST	G05K08-3010A-EXR	3010,A	105	<b>235.3</b>	20.5	1	38.4	832	7
WYFFELS	W5086	VT2P	107	<b>235.1</b>	20.7	1	38.4	830	8
FS INVISON	FS 5594X RIB	STX,B	105	<b>235.1</b>	21.0	1	37.5	827	9
ARMOR	X9107A	STX	107	<b>235.1</b>	22.2	2	37.5	819	12
AUGUSTA	A1059	3110	109	234.0	23.4	1	38.4	807	17
WYFFELS	W4196RIB	VT2P,B	105	233.8	21.1	1	38.4	822	11
WYFFELS	W4638	STX	107	232.9	22.2	2	38.4	811	16
ARMOR	X9105	VT2P	106	232.4	21.0	1	35.7	818	13
JUNG	56SS538	STX,B	106	232.1	23.5	1	37.5	800	21
BURRUS	POWER PLUS 3B47 Q^	QR,B	106	231.0	20.5	1	36.6	817	14
CORNELIUS	C478DP	VT2P	106	230.7	20.6	1	36.6	815	15
LATHAM	LH5742RR	RR2	107	229.8	21.2	1	36.6	807	18
DAIRYLAND	DS-4580AM	AM	105	228.9	21.3	1	37.5	804	19
CORNELIUS	C573DP	VT2P	108	228.8	22.0	1	37.5	799	24
WYFFELS	W5516RIB	VT2P,B	108	228.5	21.7	1	37.5	800	22
JUNG	57SS530	STX,B	107	228.0	22.1	1	35.7	795	25
INTEGRA	5529	STX,B	105	227.8	21.3	1	38.4	800	23
NK BRAND	NK0624-3220-EZR	3220,B	106	227.1	20.3	1	37.5	804	20
RENK	RK763VT2P	VT2P,B	108	225.0	21.8	1	37.5	787	27
DAIRYLAND	DS-562XRR	RR2	106	224.2	20.7	1	35.7	791	26
JUNG	58SS537RIB	STX,B	108	223.7	21.8	1	37.5	782	28
INTEGRA	5770	STX	107	222.5	21.5	1	37.5	780	30
FS INVISON	FS 57ZX1 RIB	STX,B	107	220.9	20.4	1	39.3	782	29
PIONEER	P0389AMX CK	AMX-R,B	104	220.4	20.5	1	37.5	779	31
				<b>Averages =</b>	<b>224.3</b>	<b>21.6</b>	<b>1</b>	<b>37.5</b>	<b>786</b>
				LSD (0.10) =	10.7	0.8	1		
				LSD (0.25) =	5.6	0.4	0		
				C.V. =	4.5				

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

Report Date: 10/29/2019

† 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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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

<sup>^</sup> 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.