

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

## 2020 Corn Grain Top 30 Harvest Report

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

<b>Early-Season Test</b>	93 - 98 Day CRM B2020WICE44a
<b>Top 30 of 56</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Peas / NA
<b>SOIL DESCRIPTION:</b>	Lomira/St. Charles silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Minimum W/O Fall Till, very high P, medium K, 5.6 pH, 2.2% OM, 12.8 CEC
<b>PEST MANAGEMENT:</b>	Impact, Roundup, Force
<b>FERTILITY - Applied N:</b>	150 Spring, 88 Sidedress
<b>Applied N-P-K (units):</b>	238-0-90
<b>SEEDED - RATE - ROW:</b>	May 5 35.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 30 33.5 /A

### TEST COMMENTS:

*This plot looked really good all year long. The ground had a nice gentle slope from front to back of the plot area with excellent drainage. Rainfall was pretty consistent throughout the growing season. The plants were all nice and uniform. Stalk quality was still excellent at harvest. Pollination filled the ears to the tip. Very little disease found on any of the plants. Overall a really nice plot.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LATHAM	LH 4375 VT2P RIB	VT2P,B	93	<b>270.0</b>	15.7	1	33.5	939	1
JUNG	47DP429	VT2P,B	97	<b>269.1</b>	18.4	1	34.8	915	2
LATHAM	LH 4657 VT2P RIB	VT2P,B	96	<b>264.9</b>	17.9	1	34.2	905	3
DAIRYLAND	DS-3810Q	QR,B	98	<b>264.6</b>	18.6	1	33.5	898	5
FEDERAL	4680 VT2PRIB	VT2P,B	96	<b>263.6</b>	17.7	1	32.9	902	4
FEDERAL	4880 VT2PRIB	VT2P,B	98	<b>261.3</b>	17.1	1	34.8	898	6
DAIRYLAND	DS-3550AM	AM,B	95	<b>259.3</b>	17.7	1	35.5	887	8
PIONEER	P9608Q GC	QR,B	96	<b>257.9</b>	18.6	1	35.5	875	10
DAIRYLAND	DS-3750AMRIB	AM,B	97	<b>257.9</b>	19.0	1	34.2	872	12
HEFTY	H4542VT2P	VT2P	95	<b>257.8</b>	18.3	1	34.2	877	9
DAIRYLAND	DS-3715AMRIB	AM,B	97	<b>255.1</b>	17.6	1	30.8	873	11
FS INVISION	FS 47TV1 RIB	VT2P,B	97	<b>254.1</b>	18.3	1	34.8	865	13
RENK	RK561DGV2PRIB	VT2PDG,B	95	253.1	18.4	1	34.8	860	16
THUNDER	T6993 VT2P	VT2P,B	93	252.9	17.6	1	34.8	865	14
HEFTY	H4612VT2PRIB	VT2P,B	96	252.9	18.0	1	34.2	863	15
JUNG	48DP420	VT2P,B	98	252.4	18.4	1	32.2	858	17
THUNDER	T6098 VT2P	VT2P,B	98	251.0	17.7	1	32.8	858	18
NORTHSTAR	NS 98-513 STXRIB	STX,B	98	250.4	18.4	1	32.9	851	20
TITAN PRO	82-95 2P	VT2P,B	95	250.2	17.7	1	34.2	856	19
TITAN PRO	86-96 2P	VT2P,B	96	249.8	18.1	1	34.8	851	21
LATHAM	LH 4454 VT2P RIB	VT2P,B	94	249.6	18.1	1	34.8	850	22
JUNG	47DP411	VT2P,B	97	248.5	18.1	1	33.5	847	23
THUNDER	T6996 VT2P	VT2P,B	96	248.3	17.9	1	35.5	847	24
LATHAM	LH 4669 SS RIB	STX,B	96	245.8	19.4	1	34.2	828	29
GOLDEN HARVEST	G95D32-3220-EZR	3220,B	95	245.5	19.9	1	31.5	823	31
INTEGRA	4311 VT2P	VT2P	93	244.5	17.5	1	34.2	837	26
INTEGRA	4601 VT2P	VT2P	96	244.1	17.0	1	30.8	840	25
HEFTY	H4322VT2PRIB	VT2P,B	93	243.5	17.8	1	33.5	832	28
FEDERAL	4580 VT2PRIB	VT2P,B	95	241.6	17.6	1	34.8	827	30
FS INVISION	FS 4507V RIB	VT2P,B	95	241.4	16.5	1	34.8	834	27
PIONEER	P9998AMXT CK	AMXT,AQ,B	99	265.4	19.8	1	32.2	891	7
				<b>Averages =</b>	<b>244.1</b>	<b>18.0</b>	<b>1</b>	<b>33.5</b>	<b>832</b>
				<b>LSD (0.10) =</b>	10.0	0.6	ns		
				<b>LSD (0.25) =</b>	5.2	0.3	ns		
				<b>C.V. =</b>	4.5				
				Historic yield: 218.8 bu/a, 8 yr(s)					

*Jason T Beyers*

Jason Beyers

beyers@frontiernet.net, (815) 493-9005

### Yield & Income Factors:

Base Moisture = 15.0%      Shrink = 1.3      Drying = \$0.03      Prices: GMO = \$3.50

Report Date: 10/31/2020

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

† 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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## 2020 Corn Grain Top 30 Harvest Report

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

<b>Full-Season Test</b>	99 - 102 Day CRM B2020WICE44b
<b>Top 30 of 47</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Peas / NA
<b>SOIL DESCRIPTION:</b>	Lomira/St. Charles silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Minimum W/O Fall Till, very high P, medium K, 5.6 pH, 2.2% OM, 12.8 CEC
<b>PEST MANAGEMENT:</b>	Impact, Roundup, Force
<b>FERTILITY - Applied N:</b>	150 Spring, 88 Sidedress
<b>Applied N-P-K (units):</b>	238-0-90
<b>SEEDED - RATE - ROW:</b>	May 5 35.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 30 33.3 /A

### TEST COMMENTS:

*This plot looked really good all year long. The ground had a nice gentle slope from front to back of the plot area with excellent drainage. Rainfall was pretty consistent throughout the growing season. The plants were all nice and uniform. Stalk quality was still excellent at harvest. Pollination filled the ears to the tip. Very little disease found on any of the plants. Overall a really nice plot.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
PIONEER	P0220Q GC	QR,B	102	<b>281.4</b>	20.6	1	33.5	938	1
AUGUSTA	2050	VT2P	100	<b>276.7</b>	19.8	1	34.8	928	2
DAIRYLAND	DS-4000AMXTRIB	AMXT,B	100	<b>271.8</b>	20.3	1	34.2	908	3
NORTHSTAR	NS 100-121	STX,B	100	<b>271.2</b>	21.0	1	34.8	900	6
HEFTY	H5212VT2PRIB	VT2P,B	102	<b>270.8</b>	21.2	1	32.9	898	8
TITAN PRO	92-99 2P	VT2P,B	99	<b>269.8</b>	19.9	1	32.2	905	4
LATHAM	LH 4937 VT2P RIB	VT2P,B	99	267.2	19.1	1	33.5	902	5
HEFTY	H4922VT2PRIB	VT2P,B	99	267.0	19.5	1	34.8	899	7
RENK	RK579DGV2P	VT2PDG,B	99	265.6	19.3	1	33.5	895	9
HEFTY	H4933VT2PDGRIB	VT2PDG,B	99	265.4	19.6	1	34.2	893	10
CHANNEL	199-11SXTRIB	STX,B	99	265.3	20.9	1	33.5	882	11
LATHAM	LH 5025 VT2PDG RIB	VT2PDG,B	100	263.7	20.3	1	32.9	881	12
FEDERAL	5280 VT2PRIB	VT2P,B	102	263.4	20.9	1	33.5	875	14
DEKALB	DKC49-44RIB GC	STX,B	99	263.1	20.3	1	33.5	879	13
FEDERAL	5110 STX	STX	101	262.9	21.2	1	34.2	871	15
LATHAM	LH 4989 SS RIB	STX,B	99	261.5	20.7	1	32.2	871	16
TITAN PRO	22-00 2P	VT2P,B	100	260.9	21.7	1	30.8	861	20
RENK	RK600SSTX	STX,B	100	259.7	21.5	1	34.8	859	21
DAIRYLAND	DS-4014Q	QR,B	100	259.5	22.5	1	32.9	850	25
JUNG	52SS501	STX,B	102	259.0	21.3	1	31.5	858	22
CHANNEL	199-11VT2PRIB	VT2P,B	99	258.8	20.6	1	33.5	863	19
FEDERAL	4990 VT2PRIB	VT2P,B	99	257.5	21.6	1	34.2	850	26
HEFTY	H5144SS	STX	101	257.2	21.4	1	33.5	851	24
DAIRYLAND	DS-4018AM	AM,AQ,B	101	256.6	20.5	1	33.5	856	23
NK BRAND	NK9991-5122-EZR	5122,B	99	255.4	21.4	1	32.9	845	27
LATHAM	LH 5047 VT2P RIB	VT2P,B	100	255.2	18.6	1	32.2	866	18
INTEGRA	5280 VT2PRIB	VT2P,B	102	252.4	21.2	1	32.9	837	29
INTEGRA	5081 DGV2PRIB	VT2PDG,B	100	251.7	19.8	1	34.8	845	28
FS INVISION	FS 5098X RIB	STX,B	100	250.8	20.4	1	33.5	837	30
FS INVISION	FS 51QX1 RIB	STX,B	101	250.8	20.7	1	35.5	835	31
PIONEER	P9998AMXT CK	AMXT,AQ,B	99	264.3	22.3	1	32.2	868	17
				<b>Averages =</b>	<b>257.7</b>	<b>21.2</b>	<b>1</b>	<b>33.3</b>	<b>855</b>
				LSD (0.10) =	10.7	0.8	ns		
				LSD (0.25) =	5.6	0.4	ns		
				C.V. =	4.5				
				Historic yield: 218.8 bu/a, 8 yr(s)					

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### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$3.50

Report Date: 10/31/2020

† 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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## 2020 Corn - Wisconsin Central [ WICE ]

### Early-Season Test Products (56 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	2345	3220,B	95	C2
AUGUSTA	2448-3220 GC	3220	98	C2
AUGUSTA	2541	3010A	91	C2
AUGUSTA	2545	5122,B	95	AVC,C2
AUGUSTA	2847 GC	3111	97	CM,C1
CHANNEL	194-49DGVT2PRIB	VT2PDG,B	94	NA
DAIRYLAND	DS-3519AM	AM,B	96	Lum,P1V
DAIRYLAND	DS-3550AM	AM,B	95	Lum,P5V
DAIRYLAND	DS-3715AMRIB	AM,B	97	Lum,P5V
DAIRYLAND	DS-3750AMRIB	AM,B	97	Lum,P1V
DAIRYLAND	DS-3810Q	QR,B	98	Lum,P1V
DYNA-GRO	D37VC64RIB GC	VT2P,B	97	AC,P5V,EDC-B
FEDERAL	4580 VT2PRIB	VT2P,B	95	AC,P2,MAG
FEDERAL	4680 VT2PRIB	VT2P,B	96	AC,P2,MAG
FEDERAL	4700 STXRIB	STX,B	97	AC,P5V,MAG
FEDERAL	4880 VT2PRIB	VT2P,B	98	AC,P2,MAG
FS INVISION	FS 4507V RIB	VT2P,B	95	AC,P5V
FS INVISION	FS 4507X RIB	STX,B	95	AC,P5V
FS INVISION	FS 47TV1 RIB	VT2P,B	97	AC,P2
GOLDEN HARVEST	G95D32-3220-EZR	3220,B	95	AVC,C2,Vi
GOLDEN HARVEST	G95M41-5122-EZR	5122,B	95	AVC,C2,Vi
GOLDEN HARVEST	G96R61-5222-EZR	5222,B	96	AVC,C2,Vi
HEFTY	H4322VT2PRIB	VT2P,B	93	HC
HEFTY	H4332VT2PRIB	VT2P,B	93	HC
HEFTY	H4542VT2P	VT2P	95	HC
HEFTY	H4612VT2PRIB	VT2P,B	96	HC
HEFTY	H4732VT2PRIB	VT2P,B	96	HC
INTEGRA	4311 VT2P	VT2P	93	AC,P5V,St,SU
INTEGRA	4509 VT2PRIB	VT2P,B	95	AC,P2V,St,SU
INTEGRA	4601 VT2P	VT2P	96	AC,P5V,St,SU
INTEGRA	4782 VT2PRIB	VT2P,B	97	AC,P2,St,SU
INTEGRA	4888 VT2PRIB	VT2P,B	98	AC,P2,St,SU
JUNG	47DP411	VT2P,B	97	AC,P5V,EDC-EL
JUNG	47DP429	VT2P,B	97	AC,P5V,EDC-EL
JUNG	48DP420	VT2P,B	98	AC,P5V,EDC-EL
LATHAM	LH 4375 VT2P RIB	VT2P,B	93	AC250

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
LATHAM	LH 4454 VT2P RIB	VT2P,B	94	AC250
LATHAM	LH 4517 VT2P RIB	VT2P,B	95	AC250
LATHAM	LH 4657 VT2P RIB	VT2P,B	96	AC250
LATHAM	LH 4669 SS RIB	STX,B	96	AC,P5V
NK BRAND	NK9653-5222-EZR	5222,B	96	AVC,C5,Vi
NK BRAND	NK9738-5222-EZR	5222,B	97	AVC,C5,Vi
NORTHSTAR	NS 98-513 STXRIB	STX,B	98	NA
PIONEER	P9608Q GC	QR,B	96	NA
PIONEER	P9815AM GC	AM,B	98	NA
PIONEER	P9998AMXT CK	AMXT,AQ,B	99	NA
RENK	RK499VT2P	VT2P	94	AC,P2
RENK	RK561DGVT2PRIB	VT2PDG,B	95	AC,P2
RENK	RK593VT2PRIB	VT2P,B	97	AC,P2
THUNDER	T6094 VT2P	VT2P,B	94	AC,P2
THUNDER	T6098 VT2P	VT2P,B	98	AC,P2
THUNDER	T6595 VT2P	VT2P,B	95	AC,P2
THUNDER	T6993 VT2P	VT2P,B	93	AC,P2
THUNDER	T6996 VT2P	VT2P,B	96	AC,P2
TITAN PRO	82-95 2P	VT2P,B	95	AC250
TITAN PRO	86-96 2P	VT2P,B	96	AC250

## 2020 Corn - Wisconsin Central [ WICE ]

### Full-Season Test Products (47 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	2050	VT2P	100	AC,P5V
AUGUSTA	2150 GC	3110	100	AC,P2
AUGUSTA	2651 GC	3122,B	101	CM,C2
AUGUSTA	2852 GC	3000GT	102	CM,C1
AUGUSTA	3052	5222,B	102	AVC
CHANNEL	199-11SXTRIB	STX,B	99	NA
CHANNEL	199-11VT2PRIB	VT2P,B	99	NA
CHANNEL	200-67VT2PRIB	VT2P,B	100	NA
DAIRYLAND	DS-4000AMXTRIB	AMXT,B	100	Lum,P1V
DAIRYLAND	DS-4014Q	QR,B	100	Lum,P1V
DAIRYLAND	DS-4018AM	AM,AQ,B	101	Lum,P5V
DEKALB	DKC49-44RIB GC	STX,B	99	NA
FEDERAL	4990 VT2PRIB	VT2P,B	99	AC,P2,MAG
FEDERAL	5110 STX	STX	101	AC,P5V,MAG
FEDERAL	5280 VT2PRIB	VT2P,B	102	AC,P2,MAG
FS INVISION	FS 5098X RIB	STX,B	100	AC,P5V
FS INVISION	FS 51QX1 RIB	STX,B	101	AC,P5V
GOLDEN HARVEST	G00H12-5122-EZR	5122,B	100	AVC,C2,Vi
GOLDEN HARVEST	G02K39-5122-EZR	5122,B	102	AVC,C2,Vi
GOLDEN HARVEST	G99E68-5122-EZR	5122,B	99	AVC,C2,Vi
HEFTY	H4922VT2PRIB	VT2P,B	99	HC
HEFTY	H4933VT2PDGRIB	VT2PDG,B	99	HC
HEFTY	H5003VT2PDGRIB	VT2PDG,B	100	HC
HEFTY	H5144SS	STX	101	HC
HEFTY	H5212VT2PRIB	VT2P,B	102	HC
INTEGRA	5081 DGVT2PRIB	VT2PDG,B	100	AC,P2,St,SU
INTEGRA	5280 VT2PRIB	VT2P,B	102	AC,P2,St,SU
JUNG	49DP441	VT2P,B	99	AC,P5V,EDC-EL
JUNG	51SS500	STX,B	101	AC,P5V,EDC-EL
JUNG	52SS501	STX,B	102	AC,P5V,EDC-EL
LATHAM	LH 4937 VT2P RIB	VT2P,B	99	AC250
LATHAM	LH 4989 SS RIB	STX,B	99	AC,P5V
LATHAM	LH 5025 VT2PDG RIB	VT2PDG,B	100	AC250
LATHAM	LH 5047 VT2P RIB	VT2P,B	100	AC250
NK BRAND	NK0243-5122-EZR	5122,B	102	AVC,C2,Vi
NK BRAND	NK9991-5122-EZR	5122,B	99	AVC,C5,Vi

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
NORTHSTAR	NS 100-121	STX,B	100	NA
PIONEER	P0075Q GC	QR	100	NA
PIONEER	P0157AMXT GC	AMXT,AQ,B	101	NA
PIONEER	P0220Q GC	QR,B	102	NA
PIONEER	P9998AMXT CK	AMXT,AQ,B	99	NA
RENK	RK579DGV2P	VT2PDG,B	99	AC,P2
RENK	RK600SSTX	STX,B	100	AC,P5V
RENK	RK626SSTX	STX	102	AC,P5V
RENK	RK695GTCBLLBL	3220	102	CM,C2
TITAN PRO	22-00 2P	VT2P,B	100	AC250
TITAN PRO	92-99 2P	VT2P,B	99	AC250

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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^ 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\*

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3000GT	Agrisure® 3000GT
3010A	Agrisure® Artesian® 3010 (CB,LL,GT)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3111	Agrisure® Viptera® 3111
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
AM	Optimum® AcreMax®
AMXT	Optimum® AcreMax® Xtreme
AQ	Optimum® AQUAmax®
B	Blend, Refuge in a Bag (RIB) or EZ-Refuge
QR	Qrome™
STX	SmartStax®
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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

## Corn Seed Treatments\*\*

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NA	Not Available
AC250	Acceleron 250
AC,P2	Acceleron, Poncho 250
AC,P2,MAG	Acceleron 250, Federal ArmourGuard
AC,P2,St,SU	Acceleron 250, Stamina, StepUp
AC,P2V,St,SU	Acceleron Poncho 250 Votivo, Stamina, StepUp
AC,P5V	Acceleron, Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC-EL	Acceleron, ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,MAG	Acceleron® Poncho 500/Votivo, FederalArmorGuard
AC,P5V,St,SU	Acceleron Poncho 500/Votivo, Stamina, StepUp
AVC	Avicta® Complete Corn
AVC,C2	Avicta Complete 250
AVC,C2,Vi	Avicta Complete 250, Vibrance
AVC,C5,Vi	Avicta Complete 500, Vibrance
C2	Cruiser 250
CM,C1	CruiserMaxx 1250
CM,C2	CruiserMaxx 250
HC	Hefty Complete
Lum,P1V	Lumigen Poncho 1250/Votivo
Lum,P5V	Lumigen Poncho 500/Votivo

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