

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

## 2020 Corn Grain Top 30 Harvest Report

Wisconsin Central [WICE] RIPON, WI

Ron Goeden, Fond Du Lac County, WI 54971

<b>Early-Season Test</b>	93 - 98 Day CRM B2020WICE48a
<b>Top 30 of 56</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Corn / Harness Xrra, Roundup, Status
<b>SOIL DESCRIPTION:</b>	Virgil/Lomira silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, high P, very high K, 6.4 pH, 2.7% OM, 13.7 CEC
<b>PEST MANAGEMENT:</b>	Medal 2, Roundup, Diflaxx, Atrazine, Force
<b>FERTILITY - Applied N:</b>	9 Fall, 90 Spring, 10 Planter, 102 Sidedress
<b>Applied N-P-K (units):</b>	211-39-60
<b>SEEDED - RATE - ROW:</b>	May 6 35.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 2 32.8 /A

### TEST COMMENTS:

Planting conditions were ideal and the farmer put starter down just ahead of us planting. Emergence was good and uniformity looked great early in the season. At harvest, stalk quality was still excellent, but plants were all short and the wind had stripped most of the leaves. Most of the ears were 12 or 14 rows around but were filled close to the tip. Fall was challenging for the farmers in the area, due to a lot of damp cloudy days.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FEDERAL	4880 VT2PRIB	VT2P,B	98	<b>245.8</b>	15.8	1	30.8	855	1
HEFTY	H4332VT2PRIB	VT2P,B	93	<b>238.5</b>	15.6	1	32.2	830	2
HEFTY	H4612VT2PRIB	VT2P,B	96	<b>235.9</b>	16.2	1	33.5	818	3
THUNDER	T6098 VT2P	VT2P,B	98	<b>234.4</b>	16.3	1	30.9	811	4
INTEGRA	4601 VT2P	VT2P	96	<b>234.1</b>	16.4	1	32.8	810	5
FEDERAL	4580 VT2PRIB	VT2P,B	95	<b>228.9</b>	16.3	1	29.5	792	7
JUNG	48DP420	VT2P,B	98	<b>227.1</b>	15.3	1	34.2	793	6
THUNDER	T6996 VT2P	VT2P,B	96	<b>226.0</b>	16.6	1	34.2	780	8
TITAN PRO	86-96 2P	VT2P,B	96	<b>224.8</b>	16.7	1	34.2	776	10
DAIRYLAND	DS-3750AMRIB	AM,B	97	<b>224.3</b>	16.9	1	31.5	772	14
RENK	RK561DGVT2PRIB	VT2PDG,B	95	223.3	15.5	1	32.8	779	9
DAIRYLAND	DS-3550AM	AM,B	95	223.0	16.4	1	30.2	771	17
PIONEER	P9608Q GC	QR,B	96	222.7	16.0	1	34.8	773	13
RENK	RK593VT2PRIB	VT2P,B	97	222.6	15.6	1	32.8	775	11
JUNG	47DP429	VT2P,B	97	222.6	15.8	1	31.5	774	12
LATHAM	LH 4657 VT2P RIB	VT2P,B	96	222.5	16.3	1	34.2	770	19
LATHAM	LH 4517 VT2P RIB	VT2P,B	95	221.2	15.3	1	32.2	772	15
HEFTY	H4322VT2PRIB	VT2P,B	93	220.9	15.1	1	34.8	772	16
AUGUSTA	2541	3010A	91	220.4	15.0	1	32.8	771	18
THUNDER	T6595 VT2P	VT2P,B	95	217.6	16.8	1	32.1	750	21
FEDERAL	4700 STXRIB	STX,B	97	217.2	17.4	1	34.2	745	26
FS INVISION	FS 47TV1 RIB	VT2P,B	97	216.4	16.3	1	30.8	749	24
AUGUSTA	2448-3220 GC	3220	98	216.4	16.8	1	33.5	746	25
INTEGRA	4888 VT2PRIB	VT2P,B	98	215.8	15.8	1	34.2	750	22
HEFTY	H4542VT2P	VT2P	95	215.3	15.1	1	32.2	753	20
INTEGRA	4509 VT2PRIB	VT2P,B	95	215.1	16.2	1	32.2	745	27
GOLDEN HARVEST	G96R61-5222-EZR	5222,B	96	214.4	16.7	1	33.5	739	30
NORTHSTAR	NS 98-513 STXRIB	STX,B	98	213.6	15.4	3	33.5	745	28
TITAN PRO	82-95 2P	VT2P,B	95	213.5	16.3	1	34.8	738	31
RENK	RK499VT2P	VT2P	94	211.7	15.2	1	30.8	740	29
PIONEER	P9998AMXT CK	AMXT,AQ,B	99	220.7	18.5	1	30.9	749	23
				Averages =	<b>213.5</b>	<b>16.1</b>	<b>1</b>	<b>32.8</b>	<b>740</b>
				LSD (0.10) =	9.9	0.6	ns		
				LSD (0.25) =	5.2	0.3	ns		
				C.V. =	5.1				
				Historic yield: 197.3 bu/a, 1 yr(s)					

*Jason T. Beyers*

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**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.50

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## 2020 Corn Grain Top 30 Harvest Report

Wisconsin Central [WICE] RIPON, WI

Ron Goeden, Fond Du Lac County, WI 54971

<b>Full-Season Test</b>	99 - 102 Day CRM B2020WICE48b
<b>Top 30 of 47</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Corn / Harness Xrra, Roundup, Status
<b>SOIL DESCRIPTION:</b>	Virgil/Lomira silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, high P, very high K, 6.4 pH, 2.7% OM, 13.7 CEC
<b>PEST MANAGEMENT:</b>	Medal 2, Roundup, Diflaxx, Atrazine, Force
<b>FERTILITY - Applied N:</b>	9 Fall, 90 Spring, 10 Planter, 102 Sidedress
<b>Applied N-P-K (units):</b>	211-39-60
<b>SEEDED - RATE - ROW:</b>	May 6 35.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 2 33.0 /A

### TEST COMMENTS:

*Planting conditions were ideal and the farmer put starter down just ahead of us planting. Emergence was good and uniformity looked great early in the season. At harvest, stalk quality was still excellent, but plants were all short and the wind had stripped most of the leaves. Most of the ears were 12 or 14 rows around but were filled close to the tip. Fall was challenging for the farmers in the area, due to a lot of damp cloudy days.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DAIRYLAND	DS-4014Q	QR,B	100	<b>229.9</b>	18.2	1	32.9	783	1
HEFTY	H5212VT2PRIB	VT2P,B	102	<b>226.7</b>	17.9	1	34.2	774	3
DEKALB	DKC49-44RIB GC	STX,B	99	<b>225.3</b>	18.4	1	32.2	766	5
RENK	RK579DGV2P	VT2PDG,B	99	<b>224.4</b>	15.7	1	33.5	781	2
TITAN PRO	22-00 2P	VT2P,B	100	<b>223.8</b>	18.5	1	34.8	760	9
FEDERAL	5110 STX	STX	101	<b>223.1</b>	17.5	1	32.9	764	6
NORTHSTAR	NS 100-121	STX,B	100	<b>222.7</b>	17.6	1	32.2	762	8
PIONEER	P0220Q GC	QR,B	102	<b>220.6</b>	18.5	1	33.5	749	11
LATHAM	LH 4937 VT2P RIB	VT2P,B	99	219.2	15.4	2	32.2	764	7
HEFTY	H4922VT2PRIB	VT2P,B	99	216.7	15.8	1	33.5	753	10
DAIRYLAND	DS-4000AMXTRIB	AMXT,B	100	216.7	17.9	1	32.8	740	12
INTEGRA	5280 VT2PRIB	VT2P,B	102	215.6	17.6	1	31.5	738	13
FS INVISION	FS 5098X RIB	STX,B	100	215.2	17.6	1	33.5	737	14
FEDERAL	5280 VT2PRIB	VT2P,B	102	214.6	17.6	1	34.8	735	17
RENK	RK695GTCBLLBL	3220	102	213.6	18.4	1	34.2	726	18
HEFTY	H4933VT2PDGRIB	VT2PDG,B	99	212.7	16.1	1	31.5	737	15
LATHAM	LH 5047 VT2P RIB	VT2P,B	100	212.2	16.0	1	34.2	736	16
RENK	RK626SSTX	STX	102	211.6	18.3	1	33.5	720	22
AUGUSTA	2150 GC	3110	100	210.6	17.3	1	33.5	722	19
PIONEER	P0075Q GC	QR	100	210.4	19.1	1	31.5	711	27
AUGUSTA	2852 GC	3000GT	102	209.7	18.1	1	34.2	715	25
FEDERAL	4990 VT2PRIB	VT2P,B	99	209.4	16.9	1	32.2	721	21
TITAN PRO	92-99 2P	VT2P,B	99	208.1	16.4	1	32.2	720	23
AUGUSTA	2050	VT2P	100	208.0	16.0	1	34.2	722	20
GOLDEN HARVEST	G99E68-5122-EZR	5122,B	99	207.9	18.3	1	32.2	707	31
LATHAM	LH 5025 VT2PDG RIB	VT2PDG,B	100	207.3	17.0	1	31.5	713	26
HEFTY	H5003VT2PDGRIB	VT2PDG,B	100	207.2	17.3	1	32.8	711	28
FS INVISION	FS 51QX1 RIB	STX,B	101	207.0	17.3	1	30.9	710	29
CHANNEL	199-11VT2PRIB	VT2P,B	99	206.7	15.7	1	32.2	719	24
JUNG	49DP441	VT2P,B	99	204.9	16.2	2	34.2	710	30
PIONEER	P9998AMXT CK	AMXT,AQ,B	99	226.5	18.4	1	32.9	770	4
				<b>Averages =</b>	<b>209.3</b>	<b>17.6</b>	<b>1</b>	<b>33.0</b>	<b>717</b>
				LSD (0.10) =	10.4	0.8	ns		
				LSD (0.25) =	5.5	0.4	ns		
				C.V. =	5.5				
				Historic yield: 197.3 bu/a, 1 yr(s)					

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**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.50

## 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.