

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

2020 Corn Grain Top 30 Harvest Report

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

Early-Season Test 93 - 98 Day CRM
B2020WICE45a

Top 30 of 56 For Gross Income
(Sorted by Yield)
Average of (4) Replications

PREV. CROP/HERB: Corn / Roundup, Me-Too-
Lachlor, Meso-Star, Status

SOIL DESCRIPTION: Rosholt sandy loam, mod. well
drained, non-irrigated

SOIL CONDITION: Minimum W/O Fall Till, very high
P, medium K, 7.1 pH, 2.7% OM,
12.8 CEC

PEST MANAGEMENT: Roundup, Me-Too-Lachlor,
Meso-Star, Status, Force

FERTILITY - Applied N: 170 Sidedress

Applied N-P-K (units): 170-30-120

SEEDED - RATE - ROW: May 4 35.4 /A 30" spacing

HARVESTED - STAND: Oct 30 33.6 /A

TEST COMMENTS:

This was a corn on corn site. The soil is pretty light and contains a bunch of stones. Emergence was good, but stands were not perfect due to the stones. Corn was all pretty short with lower ear placement. Ears were larger in diameter, but short with a shallower kernel set. Stalk quality was still pretty good throughout the plot area. Last week this area was covered with snow.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
HEFTY	H4322VT2PRIB	VT2P,B	93	201.3	18.1	2	34.2	686	1
AUGUSTA	2345	3220,B	95	184.0	17.9	1	33.5	628	3
FEDERAL	4880 VT2PRIB	VT2P,B	98	180.0	16.1	1	34.2	624	4
DAIRYLAND	DS-3550AM	AM,B	95	179.5	18.0	1	34.2	612	5
PIONEER	P9608Q GC	QR,B	96	176.7	16.5	1	34.8	611	6
NORTHSTAR	NS 98-513 STXRIB	STX,B	98	174.4	15.4	3	34.8	608	7
AUGUSTA	2448-3220 GC	3220	98	172.8	16.5	1	33.5	597	8
FS INVISION	FS 4507X RIB	STX,B	95	170.9	16.6	1	32.9	590	9
INTEGRA	4782 VT2PRIB	VT2P,B	97	168.3	16.5	1	31.5	581	12
HEFTY	H4732VT2PRIB	VT2P,B	96	167.4	14.4	1	34.8	586	10
CHANNEL	194-49DGVT2PRIB	VT2PDG,B	94	167.0	14.0	1	33.5	584	11
DYNA-GRO	D37VC64RIB GC	VT2P,B	97	166.3	16.0	1	33.5	577	13
DAIRYLAND	DS-3810Q	QR,B	98	165.2	19.3	1	35.5	557	16
THUNDER	T6098 VT2P	VT2P,B	98	164.4	16.8	2	34.2	567	14
GOLDEN HARVEST	G96R61-5222-EZR	5222,B	96	162.8	17.6	1	34.2	557	17
PIONEER	P9815AM GC	AM,B	98	161.6	20.3	1	34.8	540	23
DAIRYLAND	DS-3519AM	AM,B	96	161.3	15.0	1	34.2	564	15
NK BRAND	NK9653-5222-EZR	5222,B	96	159.1	16.8	1	34.8	548	19
LATHAM	LH 4669 SS RIB	STX,B	96	158.9	15.5	1	32.8	554	18
LATHAM	LH 4454 VT2P RIB	VT2P,B	94	156.0	15.7	1	33.5	543	21
HEFTY	H4542VT2P	VT2P	95	155.4	14.3	1	33.5	544	20
LATHAM	LH 4375 VT2P RIB	VT2P,B	93	154.8	14.4	1	34.2	542	22
THUNDER	T6996 VT2P	VT2P,B	96	153.9	15.7	1	34.8	536	26
RENK	RK593VT2PRIB	VT2P,B	97	153.6	14.9	1	33.5	538	24
LATHAM	LH 4517 VT2P RIB	VT2P,B	95	153.5	15.0	1	32.8	537	25
LATHAM	LH 4657 VT2P RIB	VT2P,B	96	153.5	15.3	1	34.8	536	27
INTEGRA	4601 VT2P	VT2P	96	152.8	15.8	1	32.2	531	30
AUGUSTA	2541	3010A	91	152.6	14.3	1	34.2	534	28
TITAN PRO	86-96 2P	VT2P,B	96	152.5	15.1	1	34.2	534	29
HEFTY	H4612VT2PRIB	VT2P,B	96	150.5	15.0	2	34.2	527	31
PIONEER	P9998AMXT CK	AMXT,AQ,B	99	185.2	18.5	1	34.2	629	2
				Averages =	154.0	15.9	1	33.6	534
				LSD (0.10) =	11.9	1.3	ns		
				LSD (0.25) =	6.3	0.7	ns		
				C.V. =	8.5				
				Historic yield: 171.0 bu/a, 8 yr(s)					

Jason T. Beyers

Jason Beyers

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$3.50

Report Date: 10/30/2020

Additional reports available at 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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Wisconsin Central [WICE] PLOVER, WI
Matt Hintz, Portage County, WI 54406

Full-Season Test	99 - 102 Day CRM B2020WICE45b
Top 30 of 47	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Corn / Roundup, Me-Too- Lachlor, Meso-Star, Status
SOIL DESCRIPTION:	Rosholt sandy loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, medium K, 7.1 pH, 2.7% OM, 12.8 CEC
PEST MANAGEMENT:	Roundup, Me-Too-Lachlor, Meso-Star, Status, Force
FERTILITY - Applied N:	170 Sidedress
Applied N-P-K (units):	170-30-120
SEEDED - RATE - ROW:	May 4 35.4 /A 30" spacing
HARVESTED - STAND:	Oct 30 33.5 /A

TEST COMMENTS:

This was a corn on corn site. The soil is pretty light and contains a bunch of stones. Emergence was good, but stands were not perfect due to the stones. Corn was all pretty short with lower ear placement. Ears were larger in diameter, but short with a shallower kernel set. Stalk quality was still pretty good throughout the plot area. Last week this area was covered with snow.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
RENK	RK579DGVT2P	VT2PDG,B	99	196.9	17.1	1	33.5	677	1
CHANNEL	199-11VT2PRIB	VT2P,B	99	187.5	17.4	1	32.9	643	4
JUNG	49DP441	VT2P,B	99	186.9	16.5	1	33.5	646	2
NORTHSTAR	NS 100-121	STX,B	100	185.1	17.7	1	34.8	633	5
TITAN PRO	92-99 2P	VT2P,B	99	184.4	15.2	1	34.8	645	3
HEFTY	H4933VT2PDGRIB	VT2PDG,B	99	179.8	15.8	1	34.8	625	6
DAIRYLAND	DS-4014Q	QR,B	100	179.5	18.6	1	34.8	609	8
NK BRAND	NK0243-5122-EZR	5122,B	102	177.9	18.2	5	34.2	606	10
RENK	RK600SSTX	STX,B	100	177.8	17.4	1	32.9	609	9
HEFTY	H5003VT2PDGRIB	VT2PDG,B	100	176.7	19.1	1	34.2	597	12
FEDERAL	5280 VT2PRIB	VT2P,B	102	176.2	17.3	1	34.2	605	11
PIONEER	P0075Q GC	QR	100	176.0	20.6	1	34.8	586	14
JUNG	52SS501	STX,B	102	175.2	19.1	1	34.2	592	13
DEKALB	DKC49-44RIB GC	STX,B	99	172.1	18.4	1	33.5	585	15
FEDERAL	5110 STX	STX	101	171.6	19.7	1	32.2	577	17
AUGUSTA	2050	VT2P	100	168.7	17.0	1	34.2	581	16
FEDERAL	4990 VT2PRIB	VT2P,B	99	168.5	17.5	1	33.5	577	18
CHANNEL	199-11SXTRIB	STX,B	99	167.8	18.0	1	31.5	572	19
DAIRYLAND	DS-4018AM	AM,AQ,B	101	167.7	19.6	1	34.8	564	21
HEFTY	H5212VT2PRIB	VT2P,B	102	167.0	18.0	1	33.5	570	20
LATHAM	LH 4989 SS RIB	STX,B	99	164.3	17.4	1	34.8	563	22
AUGUSTA	2150 GC	3110	100	162.5	18.1	5	32.2	554	23
INTEGRA	5280 VT2PRIB	VT2P,B	102	161.4	18.2	1	32.2	549	24
FS INVISION	FS 5098X RIB	STX,B	100	160.7	18.1	1	31.5	547	26
CHANNEL	200-67VT2PRIB	VT2P,B	100	159.1	16.9	1	32.8	548	25
GOLDEN HARVEST	G02K39-5122-EZR	5122,B	102	158.8	17.2	1	34.2	545	27
PIONEER	P0220Q GC	QR,B	102	155.9	19.1	1	33.5	527	29
INTEGRA	5081 DGVT2PRIB	VT2PDG,B	100	153.6	17.1	1	33.5	528	28
PIONEER	P0157AMXT GC	AMXT,AQ,B	101	153.2	18.8	1	32.2	519	30
HEFTY	H5144SS	STX	101	148.8	16.2	1	34.2	515	31
PIONEER	P9998AMXT CK	AMXT,AQ,B	99	182.0	20.0	1	33.5	610	7
				Averages =	161.4	17.8	1	33.5	551
				LSD (0.10) =	12.2	1.9	ns		
				LSD (0.25) =	6.4	1.0	ns		
				C.V. =	8.3				
				Historic yield: 171.0 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: 10/30/2020

† 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

^ 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*

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**

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

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