

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

2019 Corn Grain Top 30 Harvest Report

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

Early-Season Test	93 - 98 Day CRM B2019WICE45a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Prowl, Sharpen, Roundup, Thunder Max
SOIL DESCRIPTION:	Rosholt sandy loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, medium K, 5.9 pH, 2.3% OM, 10.5 CEC
PEST MANAGEMENT:	Roundup, Me-Too-Lachlor, Meso-Star, Status, Force
FERTILITY - Applied N:	29.0 Fall, 8 Spring, 113 Sidedress
Applied N-P-K (units):	150-30-120
SEEDED - RATE - ROW:	May 15 35.4 /A 30" spacing
HARVESTED - STAND:	Nov 2 35.3 /A

TEST COMMENTS:

This plot was planted fairly early for the spring season that we experienced. Due to the lack of heat degree units this summer, most of the hybrids barely made it to black layer. Hybrids were short in stature and standing well. Cobs were extremely spongy, make shelling very difficult. Heavy winds at one time caused some green snap. Any ears that were still facing upwards, were starting to mold on the tips.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
GOLDEN HARVEST	G97N86-3220-EZR	3220,B	97	164.3	29.3	22	34.8	538	1
RENK	RK561DGV2P	VT2P,DG	95	163.4	29.2	13	35.5	535	2
NORTHSTAR	NS 98-513VT2PRIB	VT2P,B	98	162.4	31.0	13	35.5	523	3
THUNDER	6098 VT2P	VT2P,B	98	157.1	30.3	1	36.2	509	4
JUNG	47DP410	VT2P,B	97	153.4	27.8	10	34.2	509	5
TITAN PRO	86-96 2P	VT2P,B	96	151.1	30.7	2	33.5	488	7
DAIRYLAND	DS-3519AM	AM,B	96	150.9	28.1	41	34.8	499	6
DAIRYLAND	DS-3550AM	AM	95	148.6	30.6	1	36.8	480	9
NORTHSTAR	NS 97-547SSRIB	STX,B	97	148.5	30.2	1	34.8	481	8
JUNG	48DP420	VT2P,B	98	148.0	31.6	1	34.2	474	10
THUNDER	6993 VT2P	VT2P,B	93	144.4	31.6	1	35.5	462	14
NK BRAND	NK9610-3010	3010	96	143.9	28.4	13	34.8	474	11
HEFTY	H4322VT2PRIB GC	VT2P,B	93	143.3	30.4	1	35.5	464	13
RENK	RK593VT2P	VT2P	96	143.1	30.1	1	37.5	465	12
LATHAM	LH4795VT2PRIB	VT2P,B	97	142.2	30.9	5	36.2	458	16
HEFTY	H4732VT2P GC	VT2P	97	141.4	31.2	1	35.5	455	17
AUGUSTA	A2345	3220,B	96	139.9	29.9	25	36.2	455	18
DAIRYLAND	DS-3810AM	AM	98	139.5	30.7	1	35.5	450	21
HEFTY	H4332VT2P GC	VT2P	93	138.8	30.3	13	35.5	450	22
LATHAM	LH4375VT2PRIB	VT2P,B	93	138.8	27.3	5	36.8	462	15
RENK	RK579DGV2P	VT2P,DG,B	98	138.3	32.0	1	36.2	441	26
FS INVISION	FS 47TV1 RIB	VT2P,B	97	137.6	32.0	17	35.5	439	28
FS INVISION	FS 46RL0 EZR	3120,B	96	136.7	28.6	2	32.9	450	23
DAIRYLAND	DS-3750AM	AM	97	136.5	27.7	1	34.8	453	20
NORTHSTAR	NS 93-533VT2PRIB	VT2P,B	93	136.0	27.0	5	35.5	454	19
HEFTY	H4812VT2PRIB GC	VT2P,B	98	135.5	31.8	2	36.8	433	30
TITAN PRO	82-95 2P	VT2P,B	95	134.4	30.9	1	33.5	433	31
NK BRAND	NK9175-3110A	3110,A	91	133.8	28.6	57	36.2	441	27
TITAN PRO	90-94 2P	VT2P,B	94	133.7	27.6	1	34.8	444	24
FS INVISION	FS 43RA1 EZR	3220,A,B	93	131.8	28.1	24	34.8	436	29
PIONEER	P9998AMXT CK	AMXT,AQ,B	99	138.9	32.0	1	34.8	443	25
				Averages =	137.1	30.1	8	35.3	445
				LSD (0.10) =	12.7	1.0	15		
				LSD (0.25) =	6.7	0.5	8		
				C.V. =	10.2				

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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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Full-Season Test	99 - 102 Day CRM B2019WICE45b
Top 30 of 32	For Gross Income (Sorted by Yield) Average of (4) Replications
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FERTILITY - Applied N:	29.0 Fall, 8 Spring, 113 Sidedress
Applied N-P-K (units):	150-30-120
SEEDED - RATE - ROW:	May 15 35.4 /A 30" spacing
HARVESTED - STAND:	Nov 2 35.4 /A

TEST COMMENTS:

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Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LATHAM	LH4937VT2PRIB	VT2P,B	99	164.5	30.8	1	36.2	531	1
INTEGRA	5081	VT2P,DG,B	100	153.4	32.8	1	34.8	486	2
RENK	RK608DGV2P	VT2P,DG,B	100	150.1	33.0	1	34.8	474	4
TITAN PRO	92-99 2P	VT2P,B	99	148.8	31.6	1	34.8	477	3
LATHAM	EX 5035 VT2P	VT2P	100	148.8	32.3	1	35.5	474	5
HEFTY	H5132VT2P GC	VT2P	101	146.7	32.7	1	34.8	465	6
DAIRYLAND	DS-9804RA	STX,B	103	144.9	32.5	1	34.2	460	7
LATHAM	LH5025VT2PDGRIB	VT2P,DG,B	100	144.0	33.3	1	34.2	454	8
LATHAM	LH5245VT2PRIB	VT2P,B	102	143.4	33.2	1	36.2	452	9
RENK	RK621VT2P	VT2P	102	139.0	33.7	2	34.8	437	11
AUGUSTA	A3052	3110	102	138.3	32.1	1	35.5	441	10
DAIRYLAND	DS-4018AM	AM,AQ,B	101	138.0	32.7	1	34.2	437	12
PIONEER	P0157AMXT GC	AMXT,AQ,B	101	136.4	33.5	1	34.8	429	14
HEFTY	H4933VT2PDGRIB GC	VT2P,DG,B	99	134.6	33.0	1	36.8	425	17
DAIRYLAND	DS-4019AM	AM,B	99	134.4	32.1	1	34.2	429	15
FS INVISION	FS 51QX1 RIB	STX,B	101	134.3	32.4	21	37.5	427	16
NK BRAND	NK9930-3010	3010	99	131.5	28.8	2	34.8	432	13
DAIRYLAND	DS-4000AMXT	AMXT	101	127.8	34.0	17	34.8	400	19
JUNG	51SS509	STX,B	101	124.4	32.9	1	36.2	394	20
RENK	RK626SSTX	STX	102	124.1	34.6	23	36.8	386	23
LATHAM	LH5077VT2PRIB	VT2P,B	100	123.6	33.3	1	34.8	389	22
JUNG	52SS507RIB	STX,B	102	123.1	34.0	1	35.5	385	24
NORTHSTAR	NS 102-168DGV2PRIB	VT2P,DG,B	102	120.6	32.6	10	35.5	383	25
FS INVISION	FS 5098X RIB	STX,B	100	120.3	32.5	1	36.2	382	27
JUNG	7S522RIB	STX,B	102	120.1	33.7	1	37.5	377	30
GOLDEN HARVEST	G00H12-3010	3010	100	120.0	29.9	1	35.5	391	21
INTEGRA	5280	STX,B	102	120.0	33.3	1	34.8	378	29
NK BRAND	NK0243-3120-EZR	3120,B	102	119.9	32.0	2	34.8	383	26
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102	119.0	32.2	1	35.5	379	28
GOLDEN HARVEST	G02W74-3000GT	3000GT	102	116.6	32.8	3	36.2	369	31
PIONEER	P9998AMXT CK	AMXT,AQ,B	99	129.4	31.6	1	35.5	414	18
				Averages =	133.0	32.6	3	35.4	422
				LSD (0.10) =	11.8	0.7	ns		
				LSD (0.25) =	6.2	0.4	ns		
				C.V. =	9.7				

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2019 Corn - Wisconsin Central [WICE]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	A2345	3220,B	96
AUGUSTA	A2448	3220,B	97
DAIRYLAND	DS-3519AM	AM,B	96
DAIRYLAND	DS-3550AM	AM	95
DAIRYLAND	DS-3715AM	AM,B	98
DAIRYLAND	DS-3750AM	AM	97
DAIRYLAND	DS-3810AM	AM	98
FS INVISION	FS 43RA1 EZR	3220,A,B	93
FS INVISION	FS 45SV1 RIB	VT2P,B	95
FS INVISION	FS 46RL0 EZR	3120,B	96
FS INVISION	FS 47TV1 RIB	VT2P,B	97
GOLDEN HARVEST	G95D32-3220-EZR	3220,B	95
GOLDEN HARVEST	G97N86-3220-EZR	3220,B	97
HEFTY	H4322VT2PRIB GC	VT2P,B	93
HEFTY	H4332VT2P GC	VT2P	93
HEFTY	H4612VT2PRIB GC	VT2P,B	96
HEFTY	H4732VT2P GC	VT2P	97
HEFTY	H4812VT2PRIB GC	VT2P,B	98
INTEGRA	4509	VT2P,B	95
INTEGRA	4782	VT2P,B	97
INTEGRA	4888	STX,B	98
JUNG	47DP410	VT2P,B	97
JUNG	47DP429	VT2P,B	97
JUNG	48DP420	VT2P,B	98
LATHAM	LH4375VT2PRIB	VT2P,B	93
LATHAM	LH4454VT2PRIB	VT2P,B	94
LATHAM	LH4517VT2PRIB	VT2P,B	95
LATHAM	LH4657VT2PRIB	VT2P,B	96
LATHAM	LH4795VT2PRIB	VT2P,B	97
NK BRAND	NK9175-3110A	3110,A	91
NK BRAND	NK9610-3010	3010	96
NORTHSTAR	NS 93-533VT2PRIB	VT2P,B	93
NORTHSTAR	NS 97-547SSRIB	STX,B	97
NORTHSTAR	NS 98-513VT2PRIB	VT2P,B	98
PIONEER	P9608AMXT GC	AMXT,B	96
PIONEER	P9998AMXT CK	AMXT,AQ,B	99

Company/Brand	Brand/Product	Technology	RM
RENK	RK561DGVT2P	VT2P,DG	95
RENK	RK579DGVT2P	VT2P,DG,B	98
RENK	RK587VT2P	VT2P,B	97
RENK	RK593VT2P	VT2P	96
THUNDER	6094 VT2P	VT2P,B	94
THUNDER	6098 VT2P	VT2P,B	98
THUNDER	6595 VT2P	VT2P,B	95
THUNDER	6993 VT2P	VT2P,B	93
THUNDER	6996 VT2P	VT2P,B	96
TITAN PRO	82-95 2P	VT2P,B	95
TITAN PRO	86-96 2P	VT2P,B	96
TITAN PRO	90-94 2P	VT2P,B	94

2019 Corn - Wisconsin Central [WICE]

Full-Season Test Products (32 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	A3052	3110	102
DAIRYLAND	DS-4000AMXT	AMXT	101
DAIRYLAND	DS-4018AM	AM,AQ,B	101
DAIRYLAND	DS-4019AM	AM,B	99
DAIRYLAND	DS-9804RA	STX,B	103
FS INVISION	FS 5098X RIB	STX,B	100
FS INVISION	FS 51QX1 RIB	STX,B	101
GOLDEN HARVEST	G00H12-3010	3010	100
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102
GOLDEN HARVEST	G02W74-3000GT	3000GT	102
HEFTY	H4933VT2PDGRIB GC	VT2P,DG,B	99
HEFTY	H5132VT2P GC	VT2P	101
INTEGRA	5081	VT2P,DG,B	100
INTEGRA	5280	STX,B	102
JUNG	51SS509	STX,B	101
JUNG	52SS507RIB	STX,B	102
JUNG	7S522RIB	STX,B	102
LATHAM	EX 5035 VT2P	VT2P	100
LATHAM	LH4937VT2PRIB	VT2P,B	99
LATHAM	LH5025VT2PDGRIB	VT2P,DG,B	100
LATHAM	LH5077VT2PRIB	VT2P,B	100
LATHAM	LH5245VT2PRIB	VT2P,B	102
NK BRAND	NK0243-3120-EZR	3120,B	102
NK BRAND	NK9930-3010	3010	99
NORTHSTAR	NS 102-168DGVVT2PRIB	VT2P,DG,B	102
PIONEER	P0157AMXT GC	AMXT,AQ,B	101
PIONEER	P9998AMXT CK	AMXT,AQ,B	99
RENK	RK604SSTX	STX,B	102
RENK	RK608DGVVT2P	VT2P,DG,B	100
RENK	RK621VT2P	VT2P	102
RENK	RK626SSTX	STX	102
TITAN PRO	92-99 2P	VT2P,B	99

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.