

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

2019 Corn Grain Top 30 Harvest Report

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

Early-Season Test	93 - 98 Day CRM B2019WICE44a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Extreme, Roundup
SOIL DESCRIPTION:	Plano/Mendota silt loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 6.7 pH, 3.5% OM, 14.8 CEC
PEST MANAGEMENT:	Impact, Roundup, Force
FERTILITY - Applied N:	150 Spring, 88 Sidedress
Applied N-P-K (units):	238-0-90
SEEDED - RATE - ROW:	May 13 35.4 /A 30" spacing
HARVESTED - STAND:	Nov 10 35.2 /A

TEST COMMENTS:

Experienced great planting conditions and good weather followed. I believe that almost every kernel that was planted emerged. Good rainfall all season long really helped the yields that you see. Pollination filled almost all ears to the tip. Corn finally started to dry down the first week in November. Lodging scores were all from root lodging. Very small amount of diseases present.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DAIRYLAND	DS-3550AM	AM	95	272.2	21.0	1	35.5	959	1
NORTHSTAR	NS 98-513VT2PRIB	VT2P,B	98	260.1	20.8	1	36.2	918	3
TITAN PRO	90-94 2P	VT2P,B	94	259.1	19.7	1	36.2	923	2
THUNDER	6094 VT2P	VT2P,B	94	257.5	19.7	1	34.8	917	4
NK BRAND	NK9610-3010	3010	96	255.5	22.3	1	34.2	890	7
TITAN PRO	86-96 2P	VT2P,B	96	255.5	21.1	1	34.2	898	5
DAIRYLAND	DS-3810AM	AM	98	254.6	21.3	1	36.8	894	6
LATHAM	LH4795VT2PRIB	VT2P,B	97	253.1	21.2	1	35.5	889	8
AUGUSTA	A2448	3220,B	97	252.6	21.7	1	34.8	884	12
RENK	RK593VT2P	VT2P	96	252.3	21.0	1	34.8	888	9
RENK	RK561DGV2P	VT2P,DG	95	251.0	20.4	1	34.8	888	10
THUNDER	6993 VT2P	VT2P,B	93	250.8	20.7	1	36.2	885	11
THUNDER	6098 VT2P	VT2P,B	98	249.7	21.7	1	35.5	874	21
FS INVISION	FS 47TV1 RIB	VT2P,B	97	249.1	21.4	1	35.5	874	22
NORTHSTAR	NS 93-533VT2PRIB	VT2P,B	93	249.0	20.2	1	34.8	882	14
THUNDER	6996 VT2P	VT2P,B	96	248.9	20.4	1	35.5	881	15
LATHAM	LH4517VT2PRIB	VT2P,B	95	248.9	20.8	1	35.5	877	18
DAIRYLAND	DS-3519AM	AM,B	96	248.3	21.4	3	36.2	871	26
HEFTY	H4812VT2PRIB GC	VT2P,B	98	248.2	20.4	1	34.8	878	16
FS INVISION	FS 45SV1 RIB	VT2P,B	95	247.9	19.5	1	36.2	884	13
GOLDEN HARVEST	G97N86-3220-EZR	3220,B	97	247.5	20.7	1	34.8	874	23
JUNG	48DP420	VT2P,B	98	247.4	20.6	1	35.5	874	24
INTEGRA	4509	VT2P,B	95	247.3	21.5	1	33.5	867	29
LATHAM	LH4375VT2PRIB	VT2P,B	93	247.2	19.9	1	33.5	878	17
TITAN PRO	82-95 2P	VT2P,B	95	246.8	20.1	1	35.5	876	19
JUNG	47DP410	VT2P,B	97	246.5	19.9	1	36.2	876	20
FS INVISION	FS 43RA1 EZR	3220,A,B	93	246.4	21.0	1	34.8	868	28
RENK	RK579DGV2P	VT2P,DG,B	98	246.1	21.7	1	34.8	861	31
NK BRAND	NK9175-3110A	3110,A	91	245.2	19.8	3	34.2	872	25
FS INVISION	FS 46RL0 EZR	3120,B	96	243.4	20.2	1	36.2	862	30
PIONEER	P9998AMXT CK	AMXT,AQ,B	99	250.7	22.7	1	35.5	870	27
				Averages =	246.9	20.8	1	35.2	871
				LSD (0.10) =	7.5	0.4	ns		
				LSD (0.25) =	3.9	0.2	ns		
				C.V. =	3.3				

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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: 11/10/2019

† 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 Grain Top 30 Harvest Report

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Kirk Warmka, Dodge County, WI 53916

Full-Season Test	99 - 102 Day CRM B2019WICE44b
Top 30 of 32	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Extreme, Roundup
SOIL DESCRIPTION:	Plano/Mendota silt loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 6.7 pH, 3.5% OM, 14.8 CEC
PEST MANAGEMENT:	Impact, Roundup, Force
FERTILITY - Applied N:	150 Spring, 88 Sidedress
Applied N-P-K (units):	238-0-90
SEEDED - RATE - ROW:	May 13 35.4 /A 30" spacing
HARVESTED - STAND:	Nov 10 35.2 /A

TEST COMMENTS:

Experienced great planting conditions and good weather followed. I believe that almost every kernel that was planted emerged. Good rainfall all season long really helped the yields that you see. Pollination filled almost all ears to the tip. Corn finally started to dry down the first week in November. Lodging scores were all from root lodging. Very small amount of diseases present.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LATHAM	EX 5035 VT2P	VT2P	100	260.1	24.0	1	34.8	892	1
HEFTY	H5132VT2P GC	VT2P	101	257.3	23.9	1	34.2	883	2
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102	254.7	24.4	1	35.5	870	4
LATHAM	LH5245VT2PRIB	VT2P,B	102	253.5	23.6	2	34.8	873	3
PIONEER	P0157AMXT GC	AMXT,AQ,B	101	253.0	25.0	1	33.5	861	6
RENK	RK608DGV2P	VT2P,DG,B	100	249.3	22.2	1	34.2	869	5
HEFTY	H4933VT2PDGRIB GC	VT2P,DG,B	99	245.1	22.4	2	36.8	852	9
LATHAM	LH5025VT2PDGRIB	VT2P,DG,B	100	245.0	22.0	1	36.2	855	8
INTEGRA	5081	VT2P,DG,B	100	243.9	21.4	1	34.8	856	7
NK BRAND	NK9930-3010	3010	99	243.7	24.4	1	34.8	833	14
AUGUSTA	A3052	3110	102	243.7	25.3	1	36.2	827	16
DAIRYLAND	DS-4000AMXT	AMXT	101	243.7	25.6	1	34.2	825	18
JUNG	7S522RIB	STX,B	102	243.4	24.0	1	34.8	835	12
DAIRYLAND	DS-4018AM	AM,AQ,B	101	243.2	27.4	1	34.2	810	26
TITAN PRO	92-99 2P	VT2P,B	99	242.8	21.5	1	37.5	851	10
FS INVISION	FS 51QX1 RIB	STX,B	101	242.4	24.7	1	35.5	827	17
GOLDEN HARVEST	G00H12-3010	3010	100	242.2	23.7	1	36.2	833	15
NORTHSTAR	NS 102-168DGV2PRIB	VT2P,DG,B	102	240.6	22.9	1	36.2	834	13
RENK	RK621VT2P	VT2P	102	240.1	23.8	6	35.5	825	19
NK BRAND	NK0243-3120-EZR	3120,B	102	240.1	24.4	1	34.2	821	21
DAIRYLAND	DS-9804RA	STX,B	103	239.5	25.4	1	32.9	811	25
DAIRYLAND	DS-4019AM	AM,B	99	237.9	24.4	1	34.2	813	23
JUNG	51SS509	STX,B	101	237.4	25.0	1	35.5	807	27
INTEGRA	5280	STX,B	102	237.3	23.4	1	34.8	818	22
RENK	RK604SSTX	STX,B	102	236.6	23.8	1	32.2	813	24
LATHAM	LH4937VT2PRIB	VT2P,B	99	236.3	22.1	3	36.2	824	20
GOLDEN HARVEST	G02W74-3000GT	3000GT	102	234.3	24.9	1	34.8	798	28
JUNG	52SS507RIB	STX,B	102	231.2	24.5	1	36.8	790	29
FS INVISION	FS 5098X RIB	STX,B	100	229.3	23.8	1	36.2	788	30
LATHAM	LH5077VT2PRIB	VT2P,B	100	218.0	23.5	26	35.5	751	31
PIONEER	P9998AMXT CK	AMXT,AQ,B	99	242.9	23.3	1	36.2	838	11
				Averages =	240.8	23.9	4	35.2	827
				LSD (0.10) =	8.7	0.8	5		
				LSD (0.25) =	4.6	0.4	3		
				C.V. =	4.0				

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† 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 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.