

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

2019 Corn Grain Top 30 Harvest Report

Wisconsin Central [WICE] TOMAH, WI
Nathan Bell, Juneau County, WI 54618

Early-Season Test	93 - 98 Day CRM B2019WICE47a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Wheat / Durango, 2,4-D
SOIL DESCRIPTION:	Ella silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 6.5 pH, 2.6% OM, 10.4 CEC
PEST MANAGEMENT:	Acuron, Force
FERTILITY - Applied N:	63 Spring, 8 Planter, 97 Sidedress
Applied N-P-K (units):	168-37-11
SEEDED - RATE - ROW:	May 15 35.4 /A 30" spacing
HARVESTED - STAND:	Nov 5 35.5 /A

TEST COMMENTS:

This was a really nice uniform plot all throughout the year. Emergence was excellent, especially for being planted into a cover crop. Plants were all standing well at harvest, but 20% were starting to weaken when doing a push test. There were several foliar diseases present on the leaves, but that did not appear to affect yield. Some of the cobs were a little spongy when flexing them.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DAIRYLAND	DS-3550AM	AM	95	270.0	20.4	1	34.8	955	1
RENK	RK579DGV2P	VT2P,DG,B	98	264.1	21.4	1	36.2	926	3
JUNG	47DP410	VT2P,B	97	262.4	19.8	1	36.2	933	2
FS INVISION	FS 47TV1 RIB	VT2P,B	97	262.1	21.2	1	35.5	921	4
THUNDER	6098 VT2P	VT2P,B	98	260.5	21.3	1	34.8	914	7
THUNDER	6993 VT2P	VT2P,B	93	260.4	21.0	1	36.2	917	6
JUNG	47DP429	VT2P,B	97	258.7	20.8	1	37.5	912	8
LATHAM	LH4375VT2PRIB	VT2P,B	93	258.1	19.6	1	34.8	920	5
TITAN PRO	82-95 2P	VT2P,B	95	255.9	20.1	1	36.2	908	10
FS INVISION	FS 45SV1 RIB	VT2P,B	95	255.8	19.9	1	36.2	909	9
LATHAM	LH4517VT2PRIB	VT2P,B	95	255.1	20.3	1	35.5	903	12
NK BRAND	NK9175-3110A	3110,A	91	254.8	20.0	1	36.2	904	11
THUNDER	6094 VT2P	VT2P,B	94	253.1	19.7	1	36.2	901	13
AUGUSTA	A2345	3220,B	96	251.8	20.4	1	34.8	891	14
RENK	RK593VT2P	VT2P	96	251.2	20.7	1	36.2	887	16
DAIRYLAND	DS-3810AM	AM	98	250.7	20.9	1	36.2	883	18
HEFTY	H4732VT2P GC	VT2P	97	250.1	21.7	1	35.5	875	22
TITAN PRO	90-94 2P	VT2P,B	94	249.9	19.7	1	36.8	889	15
LATHAM	LH4657VT2PRIB	VT2P,B	96	249.5	20.7	1	35.5	880	19
INTEGRA	4509	VT2P,B	95	249.2	21.6	1	36.2	873	24
NORTHSTAR	NS 93-533VT2PRIB	VT2P,B	93	248.9	19.5	1	35.5	887	17
FS INVISION	FS 46RL0 EZR	3120,B	96	248.3	20.2	1	34.8	880	20
JUNG	48DP420	VT2P,B	98	247.9	21.1	1	34.8	872	25
THUNDER	6996 VT2P	VT2P,B	96	247.6	21.0	1	34.2	872	26
NORTHSTAR	NS 98-513VT2PRIB	VT2P,B	98	247.5	20.1	1	36.2	878	21
INTEGRA	4782	VT2P,B	97	247.4	20.6	1	36.2	874	23
NK BRAND	NK9610-3010	3010	96	246.8	20.8	1	34.2	870	27
TITAN PRO	86-96 2P	VT2P,B	96	245.7	21.2	1	35.5	863	30
THUNDER	6595 VT2P	VT2P,B	95	245.3	20.8	1	34.9	864	29
HEFTY	H4612VT2PRIB GC	VT2P,B	96	244.7	20.2	1	34.8	867	28
PIONEER	P9998AMXT CK	AMXT,AQ,B	99	247.5	22.7	1	35.5	858	31
				Averages =	247.7	20.7	1	35.5	874
				LSD (0.10) =	11.2	0.5	ns		
				LSD (0.25) =	5.9	0.2	ns		
				C.V. =	5.0				

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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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2019 Corn Grain Top 30 Harvest Report

Wisconsin Central [WICE] TOMAH, WI
Nathan Bell, Juneau County, WI 54618

Full-Season Test	99 - 102 Day CRM B2019WICE47b
Top 30 of 32	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Wheat / Durango, 2,4-D
SOIL DESCRIPTION:	Ella silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 6.5 pH, 2.6% OM, 10.4 CEC
PEST MANAGEMENT:	Acuron, Force
FERTILITY - Applied N:	63 Spring, 8 Planter, 97 Sidedress
Applied N-P-K (units):	168-37-11
SEEDED - RATE - ROW:	May 15 35.4 /A 30" spacing
HARVESTED - STAND:	Nov 5 35.1 /A

TEST COMMENTS:

This was a really nice uniform plot all throughout the year. Emergence was excellent, especially for being planted into a cover crop. Plants were all standing well at harvest, but 20% were starting to weaken when doing a push test. There were several foliar diseases present on the leaves, but that did not appear to affect yield. Some of the cobs were a little spongy when flexing them.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LATHAM	LH5245VT2PRIB	VT2P,B	102	264.0	23.7	1	34.8	907	2
LATHAM	EX 5035 VT2P	VT2P	100	263.0	22.7	1	35.5	913	1
HEFTY	H5132VT2P GC	VT2P	101	259.0	23.1	1	36.2	895	4
NK BRAND	NK9930-3010	3010	99	258.6	23.6	1	36.2	890	6
LATHAM	LH4937VT2PRIB	VT2P,B	99	258.1	22.1	1	36.2	900	3
HEFTY	H4933VT2PDGRIB GC	VT2P,DG,B	99	256.9	22.7	1	36.2	891	5
LATHAM	LH5025VT2PDGRIB	VT2P,DG,B	100	255.8	22.5	1	34.2	889	7
DAIRYLAND	DS-4018AM	AM,AQ,B	101	255.1	25.4	1	34.2	865	11
TITAN PRO	92-99 2P	VT2P,B	99	253.8	21.9	1	34.8	887	8
INTEGRA	5081	VT2P,DG,B	100	251.0	22.0	1	36.2	876	9
DAIRYLAND	DS-9804RA	STX,B	103	250.4	23.9	1	34.2	860	14
RENK	RK621VT2P	VT2P	102	250.3	23.1	1	35.5	865	12
LATHAM	LH5077VT2PRIB	VT2P,B	100	249.6	22.9	1	34.2	864	13
RENK	RK608DGV2P	VT2P,DG,B	100	249.4	22.3	1	34.8	868	10
DAIRYLAND	DS-4000AMXT	AMXT	101	248.6	24.2	1	36.2	852	17
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102	247.9	23.9	1	34.2	851	18
GOLDEN HARVEST	G00H12-3010	3010	100	247.9	23.5	1	34.8	854	16
NK BRAND	NK0243-3120-EZR	3120,B	102	247.7	23.9	1	34.2	850	19
GOLDEN HARVEST	G02W74-3000GT	3000GT	102	247.6	24.0	1	34.2	850	20
JUNG	7S522RIB	STX,B	102	247.2	24.4	1	35.5	845	21
INTEGRA	5280	STX,B	102	245.7	24.8	1	34.2	837	22
JUNG	51SS509	STX,B	101	245.3	25.0	1	37.5	834	24
RENK	RK604SSTX	STX,B	102	244.3	24.8	2	34.2	832	26
PIONEER	P0157AMXT GC	AMXT,AQ,B	101	242.4	25.5	1	34.2	820	28
FS INVISON	FS 5098X RIB	STX,B	100	241.8	23.4	1	35.5	834	25
DAIRYLAND	DS-4019AM	AM,B	99	240.8	22.6	1	34.8	836	23
JUNG	52SS507RIB	STX,B	102	240.2	25.0	1	34.8	817	29
AUGUSTA	A3052	3110	102	239.1	25.7	1	34.8	808	31
NORTHSTAR	NS 102-168DGV2PRIB	VT2P,DG,B	102	238.2	22.7	1	34.9	826	27
FS INVISON	FS 51QX1 RIB	STX,B	101	237.8	23.8	1	35.5	817	30
PIONEER	P9998AMXT CK	AMXT,AQ,B	99	247.7	23.0	1	35.5	857	15
				Averages =	248.8	23.7	1	35.1	856
				LSD (0.10) =	8.7	0.6	ns		
				LSD (0.25) =	4.5	0.3	ns		
				C.V. =	3.8				

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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.