

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

2019 Corn Grain Top 30 Harvest Report

Wisconsin Central [WICE] OXFORD, WI

Jim Bays, Adams County, WI 53910

Early-Season Test	93 - 98 Day CRM B2019WICE46a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (2) Replications
PREV. CROP/HERB:	Wheat / N/A
SOIL DESCRIPTION:	Meehan/Friendship loamy sand, moderately drained, irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.6 pH, 1.5% OM, 6.4 CEC
PEST MANAGEMENT:	Roundup, Prowl H2o, Cadet, Force
FERTILITY - Applied N:	9 Spring, 251 Sidedress
Applied N-P-K (units):	260-27-219
SEEDED - RATE - ROW:	May 15 35.4 /A 30" spacing
HARVESTED - STAND:	Nov 4 34.8 /A

TEST COMMENTS:

Emergence was good at this location. Due to persistent water and sand soil, the herbicide was not able to suppress the grass on some of the plot. For this reason only two replications were harvested. Corn that we harvested was good and standing nice with low ear placement. There was little evidence of any disease pressure. Ear molds were affecting the tips. Heat degree units were limited.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DAIRYLAND	DS-3715AM	AM,B	98	234.7	22.8	1	36.2	813	1
THUNDER	6098 VT2P	VT2P,B	98	224.0	23.4	1	36.2	773	3
TITAN PRO	82-95 2P	VT2P,B	95	223.3	24.7	1	34.8	761	6
RENK	RK561DGV2P	VT2P,DG	95	222.9	21.9	1	32.2	779	2
RENK	RK593VT2P	VT2P	96	221.0	23.5	1	34.8	762	4
DAIRYLAND	DS-3519AM	AM,B	96	219.3	22.5	1	33.5	762	5
RENK	RK579DGV2P	VT2P,DG,B	98	217.8	22.0	1	34.8	760	7
RENK	RK587VT2P	VT2P,B	97	215.7	22.9	1	33.5	747	8
HEFTY	H4732VT2P GC	VT2P	97	214.0	22.9	1	33.5	741	9
TITAN PRO	86-96 2P	VT2P,B	96	213.0	22.7	1	33.5	739	10
THUNDER	6996 VT2P	VT2P,B	96	210.2	23.4	1	36.2	725	12
HEFTY	H4812VT2PRIB GC	VT2P,B	98	208.1	21.8	1	34.8	728	11
JUNG	47DP429	VT2P,B	97	207.3	23.7	1	34.8	713	15
LATHAM	LH4454VT2PRIB	VT2P,B	94	206.8	23.9	1	36.2	710	17
LATHAM	LH4375VT2PRIB	VT2P,B	93	206.0	21.8	1	34.8	720	13
GOLDEN HARVEST	G95D32-3220-EZR	3220,B	95	204.9	21.4	1	34.8	718	14
INTEGRA	4509	VT2P,B	95	204.0	22.6	1	36.2	708	18
JUNG	48DP420	VT2P,B	98	203.7	21.9	1	34.8	712	16
DAIRYLAND	DS-3810AM	AM	98	201.3	25.0	1	36.2	685	23
LATHAM	LH4657VT2PRIB	VT2P,B	96	200.0	23.2	1	33.5	690	21
NORTHSTAR	NS 93-533VT2PRIB	VT2P,B	93	199.1	22.6	1	34.8	691	20
FS INVISION	FS 46RL0 EZR	3120,B	96	197.7	20.5	1	32.2	699	19
AUGUSTA	A2448	3220,B	97	197.1	22.2	1	33.5	687	22
FS INVISION	FS 47TV1 RIB	VT2P,B	97	196.8	22.5	1	33.5	684	24
LATHAM	LH4795VT2PRIB	VT2P,B	97	196.4	24.3	1	33.5	672	26
THUNDER	6993 VT2P	VT2P,B	93	196.0	24.7	1	36.2	668	29
NORTHSTAR	NS 97-547SSRIB	STX,B	97	195.3	24.7	1	34.8	666	30
THUNDER	6094 VT2P	VT2P,B	94	195.2	21.7	1	36.2	683	25
JUNG	47DP410	VT2P,B	97	191.8	21.9	1	34.8	670	28
NK BRAND	NK9610-3010	3010	96	190.8	21.0	1	34.8	672	27
PIONEER	P9998AMXT CK	AMXT,AQ,B	99	193.6	26.2	1	36.2	651	33
				Averages =	196.7	23.0	1	34.8	681
				LSD (0.10) =	11.7	1.4	ns		
				LSD (0.25) =	6.1	0.7	ns		
				C.V. =	4.6				

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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] OXFORD, WI

Jim Bays, Adams County, WI 53910

Full-Season Test	99 - 102 Day CRM B2019WICE46b
Top 30 of 32	For Gross Income (Sorted by Yield) Average of (2) Replications
PREV. CROP/HERB:	Wheat / N/A
SOIL DESCRIPTION:	Meehan/Friendship loamy sand, moderately drained, irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.6 pH, 1.5% OM, 6.4 CEC
PEST MANAGEMENT:	Roundup, Prowl H2o, Cadet, Force
FERTILITY - Applied N:	9 Spring, 251 Sidedress
Applied N-P-K (units):	260-27-219
SEEDED - RATE - ROW:	May 15 35.4 /A 30" spacing
HARVESTED - STAND:	Nov 4 33.9 /A

TEST COMMENTS:

Emergence was good at this location. Due to persistent water and sand soil, the herbicide was not able to suppress the grass on some of the plot. For this reason only two replications were harvested. Corn that we harvested was good and standing nice with low ear placement. There was little evidence of any disease pressure. Ear molds were affecting the tips. Heat degree units were limited.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LATHAM	LH4937VT2PRIB	VT2P,B	99	238.4	24.7	1	34.8	812	1
DAIRYLAND	DS-4018AM	AM,AQ,B	101	221.7	24.1	1	33.5	760	2
JUNG	52SS507RIB	STX,B	102	214.8	27.8	1	36.2	713	5
INTEGRA	5280	STX,B	102	214.5	27.3	1	33.5	715	4
TITAN PRO	92-99 2P	VT2P,B	99	214.0	23.5	1	34.8	737	3
AUGUSTA	A3052	3110	102	210.8	26.9	1	32.2	705	7
HEFTY	H4933VT2PDGRIB GC	VT2P,DG,B	99	210.0	25.8	1	34.8	709	6
RENK	RK626SSTX	STX	102	208.8	27.7	1	36.2	693	8
LATHAM	LH5077VT2PRIB	VT2P,B	100	207.5	28.2	1	32.2	685	9
DAIRYLAND	DS-4000AMXT	AMXT	101	206.4	27.9	1	34.8	683	11
RENK	RK621VT2P	VT2P	102	205.4	27.3	1	36.2	684	10
LATHAM	LH5245VT2PRIB	VT2P,B	102	203.5	27.0	1	33.5	680	12
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102	198.1	26.8	1	33.5	663	14
HEFTY	H5132VT2P GC	VT2P	101	197.7	25.8	1	33.5	667	13
NK BRAND	NK0243-3120-EZR	3120,B	102	196.4	27.0	1	32.2	656	15
RENK	RK604SSTX	STX,B	102	194.2	27.6	1	33.5	645	16
FS INVISION	FS 51QX1 RIB	STX,B	101	192.3	27.2	1	33.5	641	18
GOLDEN HARVEST	G02W74-3000GT	3000GT	102	191.5	26.7	1	32.2	642	17
DAIRYLAND	DS-9804RA	STX,B	103	189.4	27.0	1	36.2	633	19
JUNG	51SS509	STX,B	101	187.9	28.9	1	34.8	617	25
GOLDEN HARVEST	G00H12-3010	3010	100	187.2	25.7	1	33.5	633	20
NK BRAND	NK9930-3010	3010	99	186.0	25.0	1	33.5	632	21
INTEGRA	5081	VT2P,DG,B	100	185.3	27.1	1	33.5	618	23
LATHAM	LH5025VT2PDGRIB	VT2P,DG,B	100	184.3	28.0	1	34.8	610	26
NORTHSTAR	NS 102-168DGV2PRIB	VT2P,DG,B	102	182.4	25.4	1	33.5	618	24
PIONEER	P0157AMXT GC	AMXT,AQ,B	101	182.2	27.8	1	33.5	604	28
RENK	RK608DGV2P	VT2P,DG,B	100	181.7	26.9	1	30.9	607	27
JUNG	7S522RIB	STX,B	102	167.4	26.9	1	34.8	559	29
LATHAM	EX 5035 VT2P	VT2P	100	166.5	26.4	1	33.5	559	30
DAIRYLAND	DS-4019AM	AM,B	99	159.2	25.9	1	34.8	537	31
PIONEER	P9998AMXT CK	AMXT,AQ,B	99	185.3	27.0	1	34.8	619	22

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Averages = **194.4** **26.7** **1** **33.9** **651**
 LSD (0.10) = 10.9 1.1 ns
 LSD (0.25) = 5.7 0.5 ns
 C.V. = 4.3

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.70; non-GMO = \$3.75

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 102-168DGV2PRIB	VT2P,DG,B	102
PIONEER	P0157AMXT GC	AMXT,AQ,B	101
PIONEER	P9998AMXT CK	AMXT,AQ,B	99
RENK	RK604SSTX	STX,B	102
RENK	RK608DGV2P	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.