

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

2019 Corn Grain Top 30 Harvest Report

Wisconsin Central [WICE] RIPON, WI

Ron Goeden, Fond Du Lac County, WI 54971

Early-Season Test	93 - 98 Day CRM B2019WICE48a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Authority Elite
SOIL DESCRIPTION:	Plano/Lamira silt loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 5.4 pH, 4.1% OM, 16.2 CEC
PEST MANAGEMENT:	Medal II, Roundup Powermax, Status, Force
FERTILITY - Applied N:	20.0 Fall, 90 Spring, 80 Sidedress
Applied N-P-K (units):	190-23-60
SEEDED - RATE - ROW:	May 17 35.4 /A 30" spacing
HARVESTED - STAND:	Nov 15 34.9 /A

TEST COMMENTS:

Planting conditions at this location was still slightly tacky, but a light rain afterwards helped make emergence excellent. Corn plot was nice and uniform all season long. Drydown was not as good as in a normal year due to the lack of heat degree units. Despite being snowed on three times prior to harvest, stalk quality was still excellent and there was very little diseases to mention.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DAIRYLAND	DS-3550AM	AM	95	220.6	23.1	1	34.8	762	1
DAIRYLAND	DS-3810AM	AM	98	218.5	23.2	1	35.5	754	2
LATHAM	LH4795VT2PRIB	VT2P,B	97	217.6	23.4	1	34.8	750	3
DAIRYLAND	DS-3715AM	AM,B	98	215.3	22.7	1	34.2	747	4
FS INVISION	FS 45SV1 RIB	VT2P,B	95	214.2	22.5	1	34.2	744	5
NORTHSTAR	NS 98-513VT2PRIB	VT2P,B	98	212.3	23.6	1	34.8	730	7
HEFTY	H4812VT2PRIB GC	VT2P,B	98	211.6	23.0	1	36.2	732	6
TITAN PRO	86-96 2P	VT2P,B	96	210.2	24.1	1	34.2	720	9
THUNDER	6996 VT2P	VT2P,B	96	209.7	23.8	1	35.5	721	8
THUNDER	6993 VT2P	VT2P,B	93	209.3	23.6	1	33.5	720	10
TITAN PRO	82-95 2P	VT2P,B	95	208.3	23.6	1	34.8	717	11
JUNG	48DP420	VT2P,B	98	207.9	23.9	1	34.8	714	13
RENK	RK579DGV2P	VT2P,DG,B	98	207.0	24.4	1	33.5	707	18
DAIRYLAND	DS-3519AM	AM,B	96	206.9	23.5	1	36.2	713	14
JUNG	47DP429	VT2P,B	97	206.7	23.7	1	36.8	711	15
HEFTY	H4322VT2PRIB GC	VT2P,B	93	206.7	22.7	1	35.5	717	12
THUNDER	6098 VT2P	VT2P,B	98	206.1	23.5	1	34.8	710	16
RENK	RK593VT2P	VT2P	96	205.0	23.8	1	35.5	704	19
LATHAM	LH4517VT2PRIB	VT2P,B	95	204.7	23.8	1	34.8	704	20
LATHAM	LH4375VT2PRIB	VT2P,B	93	204.6	22.9	1	34.8	709	17
RENK	RK561DGV2P	VT2P,DG	95	203.4	23.9	1	35.5	698	21
LATHAM	LH4454VT2PRIB	VT2P,B	94	200.9	23.4	1	36.2	693	22
HEFTY	H4612VT2PRIB GC	VT2P,B	96	199.1	23.2	1	35.5	688	23
FS INVISION	FS 47TV1 RIB	VT2P,B	97	199.0	24.0	1	35.5	682	27
RENK	RK587VT2P	VT2P,B	97	198.6	23.9	1	35.5	682	28
FS INVISION	FS 46RL0 EZR	3120,B	96	198.4	22.7	1	34.2	688	24
JUNG	47DP410	VT2P,B	97	197.5	23.6	1	36.8	680	30
AUGUSTA	A2345	3220,B	96	197.5	22.9	1	34.2	684	26
PIONEER	P9608AMXT GC	AMXT,B	96	197.4	22.4	1	36.8	687	25
NK BRAND	NK9175-3110A	3110,A	91	196.3	22.7	1	34.8	681	29
PIONEER	P9998AMXT CK	AMXT,AQ,B	99	189.9	24.5	1	34.2	648	41
				Averages =	200.3	23.5	1	34.9	690
				LSD (0.10) =	9.3	0.8	ns		
				LSD (0.25) =	4.9	0.4	ns		
				C.V. =	5.1				

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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] RIPON, WI

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Full-Season Test	99 - 102 Day CRM B2019WICE48b
Top 30 of 32	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Authority Elite
SOIL DESCRIPTION:	Plano/Lamira silt loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 5.4 pH, 4.1% OM, 16.2 CEC
PEST MANAGEMENT:	Medal II, Roundup Powermax, Status, Force
FERTILITY - Applied N:	20.0 Fall, 90 Spring, 80 Sidedress
Applied N-P-K (units):	190-23-60
SEEDED - RATE - ROW:	May 17 35.4 /A 30" spacing
HARVESTED - STAND:	Nov 15 34.5 /A

TEST COMMENTS:

Planting conditions at this location was still slightly tacky, but a light rain afterwards helped make emergence excellent. Corn plot was nice and uniform all season long. Drydown was not as good as in a normal year due to the lack of heat degree units. Despite being snowed on three times prior to harvest, stalk quality was still excellent and there was very little diseases to mention.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
TITAN PRO	92-99 2P	VT2P,B	99	209.9	24.6	1	36.2	716	1
JUNG	51SS509	STX,B	101	205.0	26.2	1	34.8	690	3
DAIRYLAND	DS-9804RA	STX,B	103	203.1	25.6	1	36.2	687	6
HEFTY	H5132VT2P GC	VT2P	101	202.6	24.8	1	34.2	690	4
LATHAM	LH4937VT2PRIB	VT2P,B	99	201.7	24.5	1	35.5	689	5
HEFTY	H4933VT2PDGRIB GC	VT2P,DG,B	99	200.9	25.5	1	34.2	680	7
INTEGRA	5280	STX,B	102	200.3	26.4	1	34.8	673	10
NK BRAND	NK9930-3010	3010	99	198.6	24.2	1	34.2	680	8
JUNG	52SS507RIB	STX,B	102	198.4	27.2	1	36.2	661	11
RENK	RK621VT2P	VT2P	102	197.5	23.9	1	34.8	678	9
RENK	RK604SSTX	STX,B	102	197.0	27.0	1	34.2	658	12
DAIRYLAND	DS-4000AMXT	AMXT	101	195.1	26.0	1	34.2	657	13
PIONEER	P0157AMXT GC	AMXT,AQ,B	101	194.8	26.7	1	34.8	652	15
RENK	RK608DGV2P	VT2P,DG,B	100	194.7	26.0	1	33.5	656	14
FS INVISION	FS 51QX1 RIB	STX,B	101	193.0	25.8	1	35.5	651	16
INTEGRA	5081	VT2P,DG,B	100	192.3	25.6	1	34.2	650	17
LATHAM	LH5025VT2PDGRIB	VT2P,DG,B	100	192.1	26.5	1	34.8	645	18
DAIRYLAND	DS-4019AM	AM,B	99	189.9	25.6	1	31.5	642	19
LATHAM	EX 5035 VT2P	VT2P	100	188.3	26.6	1	33.5	631	23
DAIRYLAND	DS-4018AM	AM,AQ,B	101	188.3	25.7	1	33.5	636	20
LATHAM	LH5245VT2PRIB	VT2P,B	102	188.0	26.1	1	34.2	633	22
JUNG	7S522RIB	STX,B	102	187.4	25.3	1	35.5	635	21
FS INVISION	FS 5098X RIB	STX,B	100	186.6	25.8	1	34.2	630	25
RENK	RK626SSTX	STX	102	186.3	27.1	1	35.5	622	26
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102	186.1	27.8	1	32.9	617	27
GOLDEN HARVEST	G00H12-3010	3010	100	185.3	24.7	1	35.5	631	24
GOLDEN HARVEST	G02W74-3000GT	3000GT	102	183.5	26.2	1	35.5	617	28
NK BRAND	NK0243-3120-EZR	3120,B	102	183.4	26.6	1	35.5	615	29
NORTHSTAR	NS 102-168DGV2PRIB	VT2P,DG,B	102	178.9	25.2	1	33.5	607	31
AUGUSTA	A3052	3110	102	178.8	24.6	1	34.2	610	30
PIONEER	P9998AMXT CK	AMXT,AQ,B	99	205.2	24.8	1	34.8	699	2
				Averages =	192.8	25.8	1	34.5	651
				LSD (0.10) =	9.0	1.1	ns		
				LSD (0.25) =	4.7	0.6	ns		
				C.V. =	5.1				

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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: 11/17/2019

† 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 - 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	RK561DGV2P	VT2P,DG	95
RENK	RK579DGV2P	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 102-168DGVT2PRIB	VT2P,DG,B	102
PIONEER	P0157AMXT GC	AMXT,AQ,B	101
PIONEER	P9998AMXT CK	AMXT,AQ,B	99
RENK	RK604SSTX	STX,B	102
RENK	RK608DGVT2P	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® TRIsect (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.