

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

2019 Corn Grain Top 30 Harvest Report

North Central Tri-State, Illinois, Iowa & Wisconsin [NCTS]
MILES, IA
John Wilsons, Clinton County, IA 52064

Early-Season Test	101 - 106 Day CRM B2019NCTS08a
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Alfalfa / N/A
SOIL DESCRIPTION:	Osco silt loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, medium K, 5.2 pH, 3.1% OM, 18.6 CEC
PEST MANAGEMENT:	Acuron, Halex Gt, Atrazine, Dicamba, Hero, Headline Amp, Force
FERTILITY - Applied N:	36.0 Fall, 150 Spring, 60 Sidedress
Applied N-P-K (units):	246-92-120
SEEDED - RATE - ROW:	Apr 25 37.5 /A 30" spacing
HARVESTED - STAND:	Nov 9 35.7 /A

TEST COMMENTS:

This plot was planted really early and received a snow on it before emergence. Populations were good, and corn was nice and uniform across the plot at V4 stage. Nice consistent rainfalls all season long really helped produce the yields that you see. Tar Spot was evident in this plot but not very severe. Stalk strength was still good on 90% of the hybrids. Ears looked like clubs and were filled out to the tip.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DAIRYLAND	DS-4329AM	AM,B	105	295.5	17.2	1	36.6	1074	1
DEKALB	DKC55-35RIB GC	STX,B	105	295.4	17.2	1	34.8	1073	2
BURRUS	POWER PLUS 3V14^	AM,B	106	294.4	17.7	2	36.6	1065	3
CHAMPION	53A20 VT2 PRO	VT2P,B	103	291.3	17.2	1	34.8	1058	4
DAIRYLAND	DS-7004RA	PC,B	104	287.4	17.4	1	35.7	1043	5
GOLDEN HARVEST	G05K08-3010A-EXR	3010,A	105	287.1	18.3	1	36.6	1034	7
MYCOGEN	REV 1587AMXT GC	AMXT,B	105	286.7	17.7	1	37.5	1037	6
NUTECH	64D1YHR	AM,B	104	285.9	18.6	1	34.8	1027	8
WYFFELS	W4196RIB	VT2P,B	105	284.3	18.8	1	34.8	1020	11
AUGUSTA	A2856	3220,B	105	283.8	17.7	1	35.7	1027	9
CORNELIUS	C6401SS	STX	104	283.0	18.2	1	36.6	1020	12
CHAMPION	53A19SSRIB	STX,B	103	281.7	17.6	1	35.7	1020	13
DAIRYLAND	DS-4440AM	AM,B	104	281.7	17.6	2	35.7	1020	14
CHAMPION	55A20 3220 EZ	3220,B	105	280.7	17.4	1	34.8	1018	15
LATHAM	LH5245VT2PRIB	VT2P,B	102	280.1	16.9	1	36.6	1021	10
NUTECH	66B6Q	QR,B	106	279.2	18.6	1	35.7	1003	18
GOLDEN HARVEST	G03R40-3110	3110	103	278.8	17.8	2	35.7	1008	17
CHAMPION	56A18VT2PRORIB	VT2P,B	106	278.1	17.4	1	35.7	1009	16
DAIRYLAND	DS-4310AM	AM	103	277.2	17.7	4	34.8	1003	19
FS INVISION	FS 55RL1 EZR	3220,B	105	276.7	18.0	2	36.6	999	20
CORNELIUS	C461SS	STX	106	276.4	18.3	1	37.5	995	21
JUNG	56SS538	STX,B	106	275.8	18.8	2	36.6	989	25
LATHAM	LH5487VT2PRIB	VT2P,B	104	275.5	18.2	1	37.5	993	23
AUGUSTA	A3054	3110	104	274.4	17.6	1	35.7	994	22
LATHAM	LH5635VT2PRIB	VT2P,B	106	274.3	18.4	1	36.6	987	27
MYCOGEN	REV 1440AMXT GC	AMXT,B	104	274.1	17.8	1	36.6	991	24
DAIRYLAND	DS-4580AM	AM	105	273.7	18.8	1	37.5	982	30
RENK	RK710DGV2P	VT2P,DG,B	106	273.1	18.4	1	35.7	983	29
PIONEER	P0574AMXT GC	AMXT-R,B	105	272.9	17.8	1	34.8	987	28
TITAN PRO	96-06 2P	VT2P,B	106	272.4	17.4	1	33.9	988	26
PIONEER	P0707AMXT CK	AMXT,B	107	269.9	18.1	1	36.6	974	35
				Averages =	269.5	18.0	1	35.7	973
				LSD (0.10) =	12.0	ns	ns		
				LSD (0.25) =	6.3	ns	ns		
				C.V. =	4.2				

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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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PEST MANAGEMENT:	Acuron, Halex Gt, Atrazine, Dicamba, Hero, Headline Amp, Force
FERTILITY - Applied N:	36.0 Fall, 150 Spring, 60 Sidedress
Applied N-P-K (units):	246-92-120
SEEDED - RATE - ROW:	Apr 25 37.5 /A 30" spacing
HARVESTED - STAND:	Nov 9 35.8 /A

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Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
CORNELIUS	C573DP	VT2P	108	298.5	18.9	1	36.6	1070	1
DYNA-GRO	D50SS48	STX	110	297.7	19.6	1	36.6	1060	2
DAIRYLAND	DS-5018AM	AM,B	110	297.0	19.4	1	35.7	1060	3
WYFFELS	W4638	STX	107	296.5	19.7	1	38.4	1056	4
DAIRYLAND	DS-4910AML	AML	109	292.3	19.8	1	36.6	1039	5
CHAMPION	57A19VT2PRORIB	VT2P,B	107	288.6	19.9	1	36.6	1026	7
LATHAM	LH5965VT2PRIB	VT2P,B	109	288.4	19.6	2	34.8	1028	6
JUNG	58SS529	STX,B	108	286.8	19.4	1	38.4	1023	8
BURRUS	POWER PLUS 5N78Q^	QR,B	111	286.3	20.2	3	36.6	1015	10
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110	285.0	19.4	1	34.8	1017	9
FS INVISION	FS 59VL1 EZR	3220,B	109	285.0	19.8	2	36.6	1013	11
LATHAM	LH5725VT2PRIB	VT2P,B	107	284.3	19.9	1	35.7	1010	12
TITAN PRO	98-10 2P	VT2P	110	284.3	21.1	1	36.6	1000	17
GOLDEN HARVEST	G09A86-3330-EZR	3330,B	109	284.3	20.9	1	33.9	1001	16
LG SEEDS	LG59C66VT2PRIB	VT2P,B	109	284.0	20.7	1	35.7	1002	14
CHAMPION	60A20 VT2 PRO	VT2P,B	110	283.7	21.2	2	35.7	997	21
NUTECH	68B3VYHR	OL,B	108	283.7	20.3	1	34.8	1004	13
LATHAM	LH5847VT2PRIB	VT2P,B	108	283.0	20.8	1	33.9	998	20
FS INVISION	FS 58RL1 EZR	3220,B	108	282.0	20.2	1	37.5	999	18
NUTECH	69A6Q	QR,B	109	281.3	19.9	1	37.5	999	19
GOLDEN HARVEST	G08D29-3120A-EZR	3120,A,B	108	280.5	19.3	1	35.7	1002	15
WYFFELS	W6826	VT2P	111	280.3	19.7	1	34.8	997	22
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	278.9	20.1	14	37.5	989	26
NUTECH	5FB-9909AM	AM,B	109	278.7	19.2	10	32.2	996	23
FS INVISION	FS 60UX1 RIB	STX,B	110	278.4	19.8	1	35.7	990	25
LG SEEDS	LG60C33VT2	VT2P	110	278.2	19.9	1	36.6	989	27
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108	277.4	19.5	1	35.7	989	28
WYFFELS	W6408RIB	STX,B	110	277.3	19.5	1	36.6	988	30
RENK	RK763VT2P	VT2P,B	108	277.1	18.6	1	37.5	995	24
DAIRYLAND	DS-7909RA	PC,B	109	276.2	19.0	1	36.6	989	29
PIONEER	P0707AMXT CK	AMXT,B	107	252.5	19.5	1	36.6	900	52
				Averages =	275.8	19.7	2	35.8	982
				LSD (0.10) =	12.5	0.9	ns		
				LSD (0.25) =	6.5	0.5	ns		
				C.V. =	4.3				

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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 - North Central Tri-State, Illinois, Iowa & Wisconsin [NCTS]



Early-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	A2856	3220,B	105
AUGUSTA	A3054	3110	104
BURRUS	POWER PLUS 3B47 Q^	QR,B	106
BURRUS	POWER PLUS 3V14^	AM,B	106
CHAMPION	53A19SSRIB	STX,B	103
CHAMPION	53A20 VT2 PRO	VT2P,B	103
CHAMPION	55A20 3220 EZ	3220,B	105
CHAMPION	56A18VT2PRORIB	VT2P,B	106
CORNELIUS	C461SS	STX	106
CORNELIUS	C478DP	VT2P	106
CORNELIUS	C6401SS	STX	104
DAIRYLAND	DS-4310AM	AM	103
DAIRYLAND	DS-4329AM	AM,B	105
DAIRYLAND	DS-4440AM	AM,B	104
DAIRYLAND	DS-4580AM	AM	105
DAIRYLAND	DS-7004RA	PC,B	104
DEKALB	DKC52-68RIB GC	VT2P,B	102
DEKALB	DKC55-35RIB GC	STX,B	105
FS INVISION	FS 51QX1 RIB	STX,B	101
FS INVISION	FS 53ZX1 RIB	STX,B	103
FS INVISION	FS 5594X RIB	STX,B	105
FS INVISION	FS 55RL1 EZR	3220,B	105
GOLDEN HARVEST	G00H12-3010 GC	3010	100
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102
GOLDEN HARVEST	G03C84-3120-EZR GC	3120,B	103
GOLDEN HARVEST	G03R40-3110	3110	103
GOLDEN HARVEST	G04S19-3122-EZR GC	3122,B	104
GOLDEN HARVEST	G05K08-3010A-EXR	3010,A	105
JUNG	53SS517RIB	STX,B	103
JUNG	54SS528	STX,B	104
JUNG	56SS538	STX,B	106
LATHAM	LH5245VT2PRIB	VT2P,B	102
LATHAM	LH5487VT2PRIB	VT2P,B	104
LATHAM	LH5517VT2PRIB	VT2P,B	105
LATHAM	LH5546-3220-EZR	3220,B	105
LATHAM	LH5635VT2PRIB	VT2P,B	106

Company/Brand	Brand/Product	Technology	RM
LG SEEDS	LG51C48VT2	VT2P	101
LG SEEDS	LG5525STXRIB	STX,B	105
MYCOGEN	REV 1440AMXT GC	AMXT,B	104
MYCOGEN	REV 1587AMXT GC	AMXT,B	105
NK BRAND	NK0243-3120-EZR	3120,B	102
NK BRAND	NK0440-3122-EZR	3122,B	104
NK BRAND	NK0472-3110	3110	104
NUTECH	5F-601AM	AM,B	100
NUTECH	64D1YHR	AM,B	104
NUTECH	65H2Q	QR,B	105
NUTECH	66B6Q	QR,B	106
NUTECH	E62A8Q	QR,B	102
PIONEER	P0574AMXT GC	AMXT-R,B	105
PIONEER	P0707AMXT CK	AMXT,B	107
RENK	RK604SSTX	STX,B	102
RENK	RK621VT2P	VT2P	102
RENK	RK710DGV2P	VT2P,DG,B	106
RENK	RK717SSTX	STX,B	105
RENK	RK737SSTX	STX,B	106
STONE	5448RIB	STX,B	104
STONE	5638RIB	STX,B	106
TITAN PRO	82-04 2P	VT2P,B	104
TITAN PRO	96-06 2P	VT2P,B	106
WYFFELS	W2506RIB	VT2P,B	101
WYFFELS	W3488RIB	STX,B	104
WYFFELS	W4196RIB	VT2P,B	105
WYFFELS	W4358RIB	STX,B	106

2019 Corn - North Central Tri-State, Illinois, Iowa & Wisconsin [NCTS]



Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	A1059	3110	109
AUGUSTA	A4858	3010,B	108
BURRUS	POWER PLUS 4Y34^	OI	108
BURRUS	POWER PLUS 5N78Q^	QR,B	111
CHAMPION	57A19VT2PRORIB	VT2P,B	107
CHAMPION	58A18VT2PRORIB	VT2P,B	108
CHAMPION	59A20 3220 EZ	3220,B	109
CHAMPION	60A20 VT2 PRO	VT2P,B	110
CORNELIUS	C573DP	VT2P	108
CORNELIUS	C575DP	VT2P	109
CORNELIUS	C577SS	STX	109
CORNELIUS	C633DP	VT2P	110
DAIRYLAND	DS-4840AM	AM,B	108
DAIRYLAND	DS-4910AML	AML	109
DAIRYLAND	DS-5018AM	AM,B	110
DAIRYLAND	DS-7909RA	PC,B	109
DYNA-GRO	D50SS48	STX	110
FS INVISION	FS 57ZX1 RIB	STX,B	107
FS INVISION	FS 58RL1 EZR	3220,B	108
FS INVISION	FS 59VL1 EZR	3220,B	109
FS INVISION	FS 60UV1 RIB	VT2P,B	110
FS INVISION	FS 60UX1 RIB	STX,B	110
GOLDEN HARVEST	G08D29-3120A-EZR	3120,A,B	108
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108
GOLDEN HARVEST	G09A86-3330-EZR	3330,B	109
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110
JUNG	57SS530	STX,B	107
JUNG	58SS529	STX,B	108
JUNG	61SS608	STX,B	111
LATHAM	LH5725VT2PRIB	VT2P,B	107
LATHAM	LH5742RR	RR2	107
LATHAM	LH5769SSRIB	STX,B	107
LATHAM	LH5847VT2PRIB	VT2P,B	108
LATHAM	LH5965VT2PRIB	VT2P,B	109
LG SEEDS	LG59C66VT2PRIB	VT2P,B	109
LG SEEDS	LG60C33VT2	VT2P	110

Company/Brand	Brand/Product	Technology	RM
NK BRAND	NK0821-3120A	3120,A,B	108
NK BRAND	NK1082-3330A-EZR	3330,A,B	110
NUTECH	5FB-8808AM	AM,B	108
NUTECH	5FB-9909AM	AM,B	109
NUTECH	68B3VYHR	OL,B	108
NUTECH	69A6Q	QR,B	109
NUTECH	70B2Q	QR,B	110
PIONEER	P0707AMXT CK	AMXT,B	107
RENK	RK763VT2P	VT2P,B	108
RENK	RK765VT2P	VT2P	108
RENK	RK779SSTX	STX,B	108
STONE	5858RIB	STX,B	108
TITAN PRO	98-10 2P	VT2P	110
WYFFELS	W4638	STX	107
WYFFELS	W5086	VT2P	107
WYFFELS	W5518RIB	STX,B	109
WYFFELS	W6408RIB	STX,B	110
WYFFELS	W6826	VT2P	111

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.