

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

## 2020 Corn Grain Top 30 Harvest Report

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

Todd Randecker, Stevenson County, IL 61078

<b>Early-Season Test</b>	101 - 106 Day CRM B2020NCTS09a
<b>Top 30 of 62</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Roundup, Roundup
<b>SOIL DESCRIPTION:</b>	Osco/Lawson silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, high P, very high K, 5.5 pH, 3.4% OM, 18.5 CEC
<b>PEST MANAGEMENT:</b>	Lumax, Halex Gt, Force
<b>FERTILITY - Applied N:</b>	18 Fall, 235 Spring
<b>Applied N-P-K (units):</b>	253-46-90
<b>SEEDING - RATE - ROW:</b>	May 2 37.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 19 35.4 /A

### TEST COMMENTS:

The plot had great planting conditions and had good rainfall all the way through July. August produced less than 0.5" of rain. Pollination was good but lack of rain during the fill period really hurt ear size and kernel size. Any lodging that was noted is root lodging from the August 10th wind storm. There was no leaf disease to mention, but stalk quality was deteriorating quickly and ear shanks were getting weak.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
PIONEER	P0574AMXT GC	AMXT-R,B	105	<b>236.2</b>	14.6	26	33.9	827	1
CHANNEL	204-25STXRIB	STX,B	104	<b>225.8</b>	13.8	13	35.7	790	2
NUTECH	63C4Q	QR,B	103	<b>219.2</b>	13.8	31	33.9	767	3
FS INVISION	FS 5594X RIB	STX,B	105	<b>216.2</b>	13.6	33	36.6	757	4
NUTECH	5F-601AM	AM,B	101	<b>214.8</b>	13.4	23	36.6	752	6
RENK	RK695GTCLLBL	3220	102	<b>213.7</b>	13.3	11	34.8	748	7
BURRUS	POWER PLUS 1M78AM	AM,B	103	<b>213.4</b>	13.3	13	35.7	747	8
DAIRYLAND	DS-4310AMRIB	AM,B	104	212.2	14.4	14	34.8	743	9
NUTECH	64D1YHR	AM,B	104	211.6	14.1	14	33.9	741	10
AUGUSTA	3053	5222,B	103	211.3	13.8	26	35.7	740	11
NUTECH	65H2Q	QR,B	105	211.1	13.4	23	33.9	739	12
HEFTY	H5524SSRIB	STX,B	105	210.8	13.7	23	37.5	738	13
DAIRYLAND	DS-4018AM	AM,AQ,B	101	210.6	13.7	26	34.8	737	14
WYFFELS	W4246	VT2P	105	210.5	13.0	19	34.8	737	15
TITAN PRO	23-06 SS	STX,B	106	209.2	13.7	22	32.2	732	16
HEFTY	H5212VT2PRIB	VT2P,B	102	209.0	12.7	15	34.8	732	17
TITAN PRO	26-03 5222	5222,B	103	206.8	13.8	34	34.8	724	18
DAIRYLAND	DS-4440AM	AM,B	104	206.8	13.6	16	34.8	724	19
DAIRYLAND	DS-4580Q	QR,B	104	206.6	13.1	22	36.6	723	20
JUNG	56SS538	STX,B	106	206.2	14.8	48	36.6	722	21
CORNELIUS	C6401SS	STX	104	203.2	13.5	23	36.6	711	22
DYNA-GRO	D44SS54	STX	104	203.0	13.3	49	35.7	710	23
LATHAM	LH 5389 SS RIB	STX,B	103	202.9	13.5	32	35.7	710	24
FEDERAL	5510 VT2P	VT2P	105	202.1	13.3	41	35.7	707	25
FEDERAL	5280 VT2PRIB	VT2P,B	102	202.0	12.7	10	34.8	707	26
NK BRAND	NK0472-5222-EZR	5222,B	104	200.0	13.8	20	35.7	700	27
NK BRAND	NK0624-5222-EZR	5222,B	106	198.4	13.1	33	36.6	694	28
FS INVISION	FS 55RL1 EZR	3220,B	105	194.4	14.8	11	33.9	680	29
GOLDEN HARVEST	G04G36-3111A	3111A	104	194.1	12.9	6	35.7	679	30
HEFTY	H5432VT2PRIB	VT2P,B	104	193.8	12.8	35	34.0	678	31
PIONEER	P0720Q CK	QR,B	107	215.9	14.2	17	36.6	756	5
				<b>Averages =</b>	<b>196.6</b>	<b>13.4</b>	<b>25</b>	<b>35.4</b>	<b>688</b>
				LSD (0.10) =	15.8	0.6	14		
				LSD (0.25) =	8.3	0.3	7		
				C.V. =	7.6				
				Historic yield: 222.2 bu/a, 5 yr(s)					

*Jason T. Beyers*

Jason Beyers

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### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$3.50

Report Date: 10/20/2020

† 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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## 2020 Corn Grain Top 30 Harvest Report

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

Todd Randecker, Stevenson County, IL 61078

### Full-Season Test

107 - 110 Day CRM  
B2020NCTS09b

### Top 30 of 54

For Gross Income  
(Sorted by Yield)  
Average of (3) Replications

### PREV. CROP/HERB:

Corn / Roundup, Roundup

### SOIL DESCRIPTION:

Osco/Lawson silt loam, well  
drained, non-irrigated

### SOIL CONDITION:

Conventional W/ Fall Till, high P,  
very high K, 5.5 pH, 3.4% OM,  
18.5 CEC

### PEST MANAGEMENT:

Lumax, Halex Gt, Force

### FERTILITY - Applied N:

18 Fall, 235 Spring

### Applied N-P-K (units):

253-46-90

### SEEDED - RATE - ROW:

May 2 37.5 /A 30" spacing

### HARVESTED - STAND:

Oct 19 35.9 /A

### TEST COMMENTS:

The plot had great planting conditions and had good rainfall all the way through July. August produced less than 0.5" of rain. Pollination was good but lack of rain during the fill period really hurt ear size and kernel size. Any lodging that was noted is root lodging from the August 10th wind storm. There was no leaf disease to mention, but stalk quality was deteriorating quickly and ear shanks were getting weak.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NUTECH	70A8AM	AM,B	110	<b>259.4</b>	16.2	6	34.8	898	1
WYFFELS	W6826RIB	VT2P,B	111	<b>247.4</b>	16.4	4	34.8	855	2
DAIRYLAND	DS-4878AM	AM,B	108	<b>239.2</b>	17.4	6	33.9	820	5
HEFTY	H5832VT2PRIB	VT2P,B	108	<b>237.2</b>	14.1	5	35.7	830	3
WYFFELS	W5086RIB	VT2P,B	107	<b>236.1</b>	14.0	7	35.7	826	4
PIONEER	P1099Q GC	QR,B	110	<b>233.7</b>	17.0	17	35.7	804	6
RENK	RK805VT2P	VT2P	110	228.1	15.3	15	36.6	797	7
BURRUS	POWER PLUS 3M62AM	AM,B	107	226.4	16.3	18	33.9	784	9
NUTECH	70F2Q	QR,B	110	225.7	17.6	11	36.6	773	18
WYFFELS	W5518RIB	STX,B	109	225.4	15.4	19	34.8	786	8
DYNA-GRO	D49SS70	STX	109	225.3	15.8	7	37.5	783	10
NUTECH	68A7AM	AM,B	107	224.4	16.2	14	33.9	777	16
RENK	RK700SSTX	STX	107	223.8	15.7	28	36.6	778	13
DAIRYLAND	DS-4840AM	AM,B	108	223.4	15.1	23	36.6	781	12
BURRUS	POWER PLUS 4F71AM	AM,B	109	223.3	15.6	7	35.7	778	14
CORNELIUS	C7004DP	VT2P	110	222.4	14.8	15	37.5	778	15
NUTECH	68B3AML	AML,B	108	221.8	15.9	6	35.7	771	19
JUNG	58SS529	STX,B	108	221.7	15.1	11	36.6	775	17
CORNELIUS	C573DP	VT2P	108	220.3	13.8	10	36.6	771	20
TITAN PRO	94-09 2P	VT2P,B	109	219.4	16.0	31	37.5	761	23
HEFTY	H5812VT2PRIB	VT2P,B	108	218.1	14.1	4	36.6	763	21
CORNELIUS	C577SS	STX	109	217.9	14.6	17	35.7	763	22
AUGUSTA	4757	VT2P	107	217.4	16.1	22	35.7	754	24
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	217.2	16.9	54	36.6	748	26
AUGUSTA	1059	3110	109	215.7	15.7	6	33.9	751	25
DAIRYLAND	DS-5018AM	AM,B	110	215.6	16.7	15	36.6	744	28
NUTECH	5FB-8808AM	AM,B	108	213.6	15.2	15	35.7	746	27
FS INVISON	FS 5892V RIB	VT2P,B	108	213.4	16.1	34	35.7	740	29
AUGUSTA	4958-3120 GC	3120,B	108	212.1	15.6	20	35.7	738	30
DEKALB	DKC59-81RIB GC	STX,B	109	210.8	15.8	18	36.6	733	31
PIONEER	P0720Q CK	QR,B	107	225.1	15.8	23	34.8	782	11
				Averages =	<b>213.9</b>	<b>15.9</b>	<b>20</b>	<b>35.9</b>	<b>742</b>
				LSD (0.10) =	17.4	1.0	11		
				LSD (0.25) =	9.1	0.5	6		
				C.V. =	7.7				
				Historic yield: 222.2 bu/a, 5 yr(s)					

*Jason T. Beyers*

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### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$3.50

Report Date: 10/20/2020

† 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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2020 Corn - North Central Tri-State, Illinois, Iowa & Wisconsin [ NCTS ]



Early-Season Test Products (62 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	2050	VT2P	100	AC,P5V
AUGUSTA	3053	5222,B	103	AVC,C2
AUGUSTA	4054-5122	5122,B	104	CM,C2
BURRUS	POWER PLUS 1M78AM	AM,B	103	Lum,P1V
CHANNEL	204-25STXRIB	STX,B	104	NA
CORNELIUS	C461SS	STX	106	NA
CORNELIUS	C6401SS	STX	104	P5V
CORNELIUS	C6438DP	VT2P	104	CM,C2,Vi
DAIRYLAND	DS-4018AM	AM,AQ,B	101	Lum,P5V
DAIRYLAND	DS-4310AMRIB	AM,B	104	Lum,P5V
DAIRYLAND	DS-4440AM	AM,B	104	Lum,P5V
DAIRYLAND	DS-4580Q	QR,B	104	Lum,P5V
DEKALB	DKC51-98RIB GC	STX,B	101	NA
DYNA-GRO	D44SS54	STX	104	AC,P5V,EDC-B
FEDERAL	5280 VT2PRIB	VT2P,B	102	AC,P2,MAG
FEDERAL	5300 VT2PRIB	VT2P,B	103	AC,P2,MAG
FEDERAL	5510 VT2P	VT2P	105	AC,P5V,MAG
FEDERAL	5690 VT2PRIB	VT2P,B	106	AC,P2,MAG
FS INVISION	FS 51QX1 RIB	STX,B	101	AC,P5V
FS INVISION	FS 53ZX1 RIB	STX,B	103	AC,P5V
FS INVISION	FS 5594X RIB	STX,B	105	AC,P5V
FS INVISION	FS 55RL1 EZR	3220,B	105	AC,P2
GOLDEN HARVEST	G02K39-5122-EZR	5122,B	102	AVC,C2,Vi
GOLDEN HARVEST	G03R40-5222-EZR	5222,B	103	AVC,C2,Vi
GOLDEN HARVEST	G04G36-3111A	3111A	104	AVC,C2,Vi
HEFTY	H5003VT2PDGRIB	VT2PDG,B	100	HC
HEFTY	H5144SS	STX	101	HC
HEFTY	H5212VT2PRIB	VT2P,B	102	HC
HEFTY	H5432VT2PRIB	VT2P,B	104	HC
HEFTY	H5524SSRIB	STX,B	105	HC
JUNG	55DD520	VT2PDG,B	105	AC,P5V,EDC-EL
JUNG	56SS531	STX,B	106	AC,P5V,EDC-EL
JUNG	56SS538	STX,B	106	AC,P5V,EDC-EL
LATHAM	LH 5377 VT2P RIB	VT2P,B	103	AC250
LATHAM	LH 5389 SS RIB	STX,B	103	AC,P5V
LATHAM	LH 5487 VT2P RIB	VT2P,B	104	AC250

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
LATHAM	LH 5517 VT2P RIB	VT2P,B	105	AC250
NK BRAND	NK0472-5222-EZR	5222,B	104	AVC,C2,Vi
NK BRAND	NK0624-5222-EZR	5222,B	106	AVC,C2,Vi
NUTECH	5F-601AM	AM,B	101	P1V,RN
NUTECH	62A8Q	QR,B	102	P1V,RN
NUTECH	63C4Q	QR,B	103	P1V,RN
NUTECH	64D1YHR	AM,B	104	P1V,RN
NUTECH	65H2Q	QR,B	105	P1V,RN
PIONEER	P0574AMXT GC	AMXT-R,B	105	NA
PIONEER	P0720Q CK	QR,B	107	NA
RENK	RK621VT2PRIB	VT2P,B	103	AC,P2
RENK	RK642VT2P	VT2P,B	103	AC,P2
RENK	RK695GTCBLLBL	3220	102	CM,C2
RENK	RK710DGVT2P	VT2PDG,B	106	AC,P2
RENK	RK726H	PC	106	AC,P2
STONE	0321SS	STX,B	103	NA
STONE	0621SS	STX,B	106	NA
TITAN PRO	23-06 SS	STX,B	106	AC,P5V
TITAN PRO	26-03 5222	5222,B	103	C2
TITAN PRO	82-04 2P	VT2P,B	104	AC250
TITAN PRO	84-03 2P	VT2P,B	103	AC250
TITAN PRO	96-06 2P	VT2P,B	106	AC250
WYFFELS	W2506RIB	VT2P,B	101	AC250
WYFFELS	W3018	STX	102	AC,P5V
WYFFELS	W4198RIB	STX,B	106	AC,P5V
WYFFELS	W4246	VT2P	105	AC250

## 2020 Corn - North Central Tri-State, Illinois, Iowa & Wisconsin [ NCTS ]

### Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	1059	3110	109	AVC,C5
AUGUSTA	1060 GC	3330	109	CM,C2
AUGUSTA	4757	VT2P	107	AC,P5V
AUGUSTA	4958-3120 GC	3120,B	108	CM,C2
BURRUS	POWER PLUS 3M62AM	AM,B	107	BPS
BURRUS	POWER PLUS 4F71AM	AM,B	109	BPS
BURRUS	POWER PLUS 5N78 Q	QR,B	111	BPS
CHANNEL	207-42STXRIB	STX,B	107	NA
CHANNEL	209-06STXRIB	STX,B	109	NA
CORNELIUS	C573DP	VT2P	108	NA
CORNELIUS	C577SS	STX	109	NA
CORNELIUS	C7004DP	VT2P	110	AC,P5V,EDC-B
DAIRYLAND	DS-4840AM	AM,B	108	Lum,P1V
DAIRYLAND	DS-4878AM	AM,B	108	Lum,P1V
DAIRYLAND	DS-4910AML	AML,B	109	Lum,P1V
DAIRYLAND	DS-5018AM	AM,B	110	Lum,P5V
DEKALB	DKC58-64RIB GC	STX,B	108	NA
DEKALB	DKC59-81RIB GC	STX,B	109	AC,P5V,EDC-B
DYNA-GRO	D49SS70	STX	109	AC,P5V,EDC-B
DYNA-GRO	D51SS61	STX	111	AC,P5V,EDC-B
FS INVISION	FS 5704V RIB	VT2P,B	107	AC,P5V
FS INVISION	FS 5704X RIB	STX,B	107	AC,P5V
FS INVISION	FS 5892V RIB	VT2P,B	108	AC,P5V
FS INVISION	FS 58RL1 EZR	3220,B	108	AC,P2
FS INVISION	FS 5909D2A EZR	5222A,B	109	AC,P5V
GOLDEN HARVEST	G08D29-5122A-EZR	5122A,B	108	AVC,C5,Vi
GOLDEN HARVEST	G10D21-3330-EZR	3330,B	110	AVC,C5,Vi
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	AVC,C5,Vi
HEFTY	H5812VT2PRIB	VT2P,B	108	HC
HEFTY	H5832VT2PRIB	VT2P,B	108	HC
HEFTY	H5944SS	STX	109	HC
JUNG	57SS530	STX,B	107	AC,P5V,EDC-EL
JUNG	58SS529	STX,B	108	AC,P5V,EDC-EL
JUNG	59SS581	STX,B	109	AC,P5V,EDC-EL
NK BRAND	NK1026-3330-EZR	3330,B	110	AVC,C5,Vi
NK BRAND	NK1082-5222A-EZR	5222A,B	110	AVC,C5,Vi

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
NUTECH	5FB-8808AM	AM,B	108	P1V,RN
NUTECH	68A7AM	AM,B	107	P1V,RN
NUTECH	68B3AML	AML,B	108	P1V,RN
NUTECH	70A8AM	AM,B	110	P1V,RN
NUTECH	70F2Q	QR,B	110	P1V,RN
PIONEER	P0720Q CK	QR,B	107	NA
PIONEER	P0825AMXT GC	AMXT,B	108	NA
PIONEER	P1099Q GC	QR,B	110	NA
RENK	RK700SSTX	STX	107	AC,P5V
RENK	RK765VT2PRIB	VT2P,B	109	AC,P2
RENK	RK805VT2P	VT2P	110	AC,P2
STONE	0931SS	STX,B	109	NA
TITAN PRO	94-09 2P	VT2P,B	109	AC250
WYFFELS	W5086RIB	VT2P,B	107	AC250
WYFFELS	W5518RIB	STX,B	109	AC,P5V
WYFFELS	W6408RIB	STX,B	110	AC,P5V
WYFFELS	W6826RIB	VT2P,B	111	AC250
WYFFELS	W6978	STX	111	AC,P5V

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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<sup>^</sup> 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\*

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3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3111A	Agrisure® Artesian® Viptera® 3111 (Vip,CB,RW,LL,GT)
3120	Agrisure® 3120 (CB,HX,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5122A	Agrisure Duracade™ Artesian® 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme
AMXT-R	Optimum® AcreMax® Xtreme Rootworm
AQ	Optimum® AQUAmax®
B	Blend, Refuge in a Bag (RIB) or EZ-Refuge
PC	PowerCore™
QR	Qrome™
STX	SmartStax®
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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\*The refuge component genetics may vary in a refuge blend seed product.

## Corn Seed Treatments\*\*

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NA	Not Available
AC250	Acceleron 250
AC,P2	Acceleron, Poncho 250
AC,P2,MAG	Acceleron 250, Federal ArmourGuard
AC,P5V	Acceleron, Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC-EL	Acceleron, ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,MAG	Acceleron® Poncho 500/Votivo, Federal ArmourGuard
AVC,C2	Avicta Complete 250
AVC,C2,Vi	Avicta Complete 250, Vibrance
AVC,C5	Avicta Complete 500
AVC,C5,Vi	Avicta Complete 500, Vibrance
BPS	Burrus PowerShield
C2	Cruiser 250
CM,C2	CruiserMaxx 250
CM,C2,Vi	CruiserMaxx 250 with Vibrance
HC	Hefty Complete
Lum,P1V	Lumigen Poncho 1250/Votivo
Lum,P5V	Lumigen Poncho 500/Votivo
P1V,RN	Poncho 1250/Votivo, Rancona®
P5V	Poncho 500/Votivo

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\*\* Seed treatments may include unspecified plant health promoting components.