

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]
MILLEDGEVILLE, IL
Steve Hollewell, Carroll County, IL 61051

Early-Season Test	101 - 106 Day CRM B2020NCTS07a
Top 30 of 62	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Abundit Extra, Assure li
SOIL DESCRIPTION:	Osco silt loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 6.5 pH, 3.9% OM, 18.9 CEC
PEST MANAGEMENT:	Surestart, Atrazine, Sotrion, Atrazine, Roundup, Aproach Prima, Force
FERTILITY - Applied N:	11 Fall, 185 Spring
Applied N-P-K (units):	196-52-90
SEEDED - RATE - ROW:	Apr 28 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 1 35.4 /A

TEST COMMENTS:

Planting conditions were great this year, and the plot did not struggle for rainfall until the month of August. Rainfall was less than a 1/2 inch the entire month. Lodging reported was all root lodging from the Aug 10th storm, and stalks were still strong and healthy. Kernel depth was shallow on most hybrids due to poor fill. Most hybrids had evidence of tar spot that developed late in the season.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
JUNG	55DD520	VT2PDG,B	105	281.4	21.7	12	33.1	929	1
TITAN PRO	96-06 2P	VT2P,B	106	277.3	20.3	11	34.8	926	2
DAIRYLAND	DS-4310AMRIB	AM,B	104	277.1	23.7	28	35.7	898	4
WYFFELS	W3018	STX	102	276.0	22.0	7	35.7	908	3
LATHAM	LH 5487 VT2P RIB	VT2P,B	104	274.2	22.6	19	34.8	897	5
RENK	RK710DGV2P	VT2PDG,B	106	273.0	23.8	18	35.7	884	10
WYFFELS	W4246	VT2P	105	270.1	21.3	12	35.7	894	7
TITAN PRO	82-04 2P	VT2P,B	104	266.7	21.0	23	36.6	886	8
HEFTY	H5212VT2PRIB	VT2P,B	102	263.4	18.3	15	33.1	896	6
FEDERAL	5300 VT2PRIB	VT2P,B	103	263.3	19.9	13	36.6	883	11
NUTECH	63C4Q	QR,B	103	262.8	22.5	23	36.6	861	16
FS INVISION	FS 53ZX1 RIB	STX,B	103	262.5	21.5	9	35.7	868	13
NUTECH	64D1YHR	AM,B	104	261.8	23.4	21	34.8	850	20
RENK	RK642VT2P	VT2P,B	103	261.5	18.8	20	36.6	885	9
DEKALB	DKC51-98RIB GC	STX,B	101	259.9	20.5	6	36.6	867	14
BURRUS	POWER PLUS 1M78AM	AM,B	103	259.7	21.9	28	36.6	855	19
FS INVISION	FS 5594X RIB	STX,B	105	259.5	21.6	11	36.6	857	18
HEFTY	H5144SS	STX	101	259.3	19.9	11	34.8	869	12
LATHAM	LH 5517 VT2P RIB	VT2P,B	105	259.2	20.3	16	34.8	866	15
JUNG	56SS531	STX,B	106	258.6	22.8	11	35.7	845	24
CORNELIUS	C6401SS	STX	104	258.1	22.2	10	33.9	847	23
FS INVISION	FS 55RL1 EZR	3220,B	105	257.8	23.5	13	34.8	837	29
LATHAM	LH 5377 VT2P RIB	VT2P,B	103	257.7	21.8	19	35.7	850	21
FEDERAL	5280 VT2PRIB	VT2P,B	102	256.8	20.2	14	35.7	859	17
CORNELIUS	C6438DP	VT2P	104	256.3	22.9	11	36.6	836	30
FEDERAL	5510 VT2P	VT2P	105	254.6	22.2	28	33.1	836	31
HEFTY	H5432VT2PRIB	VT2P,B	104	253.3	20.8	5	36.6	843	27
TITAN PRO	84-03 2P	VT2P,B	103	253.1	19.9	13	33.9	849	22
RENK	RK695GTCBLLBL	3220	102	251.8	20.0	15	35.7	843	28
AUGUSTA	2050	VT2P	100	251.7	19.8	14	35.7	845	25
PIONEER	P0720Q CK	QR,B	107	262.7	24.6	13	37.5	844	26
				Averages =	251.6	21.9	19	35.4	828
				LSD (0.10) =	13.3	1.4	13		
				LSD (0.25) =	7.0	0.7	7		
				C.V. =	5.0				
				Historic yield: 224.0 bu/a, 19 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: 10/02/2020

Revised: 10/02/2020

Additional reports available at www.firstseedtests.com

† 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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Full-Season Test	107 - 110 Day CRM B2020NCTS07b
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Abundit Extra, Assure li
SOIL DESCRIPTION:	Oscosilt loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 6.5 pH, 3.9% OM, 18.9 CEC
PEST MANAGEMENT:	Surestart, Atrazine, Sotrion, Atrazine, Roundup, Aproach Prima, Force
FERTILITY - Applied N:	11 Fall, 185 Spring
Applied N-P-K (units):	196-52-90
SEEDED - RATE - ROW:	Apr 28 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 1 35.8 /A

TEST COMMENTS:

Planting conditions were great this year, and the plot did not struggle for rainfall until the month of August. Rainfall was less than a 1/2 inch the entire month. Lodging reported was all root lodging from the Aug 10th storm, and stalks were still strong and healthy. Kernel depth was shallow on most hybrids due to poor fill. Most hybrids had evidence of tar spot that developed late in the season.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NUTECH	70A8AM	AM,B	110	287.7	26.7	19	36.6	906	1
RENK	RK805VT2P	VT2P	110	279.2	29.1	10	31.3	859	4
DEKALB	DKC59-81RIB GC	STX,B	109	274.5	28.6	34	35.7	849	5
HEFTY	H5832VT2PRIB	VT2P,B	108	273.7	26.1	7	35.7	867	3
CORNELIUS	C7004DP	VT2P	110	271.3	29.5	17	36.6	832	9
AUGUSTA	1059	3110	109	271.3	24.9	18	34.8	869	2
DAIRYLAND	DS-4910AML	AML,B	109	271.3	27.5	27	36.6	848	6
TITAN PRO	94-09 2P	VT2P,B	109	269.1	32.4	21	35.7	801	18
WYFFELS	W5086RIB	VT2P,B	107	267.2	29.1	10	37.5	822	13
BURRUS	POWER PLUS 4F71AM	AM,B	109	264.8	27.7	22	36.6	826	10
WYFFELS	W6826RIB	VT2P,B	111	264.5	27.7	14	34.8	825	12
WYFFELS	W6408RIB	STX,B	110	264.0	28.8	30	35.7	815	14
WYFFELS	W6978	STX	111	262.3	31.8	15	35.7	786	24
GOLDEN HARVEST	G10D21-3330-EZR	3330,B	110	261.7	30.7	20	35.7	793	20
JUNG	58SS529	STX,B	108	260.8	29.1	27	36.6	802	17
JUNG	59SS581	STX,B	109	258.4	30.0	23	36.6	788	23
NUTECH	68B3AML	AML,B	108	258.4	27.1	19	36.6	811	15
CHANNEL	207-42STXRIB	STX,B	107	258.3	25.1	26	36.6	826	11
DAIRYLAND	DS-5018AM	AM,B	110	257.6	31.8	17	35.7	772	30
FS INVISON	FS 5704V RIB	VT2P,B	107	257.0	23.0	6	36.6	838	8
PIONEER	P1099Q GC	QR,B	110	255.8	29.5	43	37.5	784	26
RENK	RK700SSTX	STX	107	255.4	26.8	20	35.7	803	16
RENK	RK765VT2PRIB	VT2P,B	109	252.7	28.2	17	36.6	784	27
FS INVISON	FS 58RL1 EZR	3220,B	108	252.3	28.8	36	36.6	778	28
CHANNEL	209-06STXRIB	STX,B	109	251.1	26.3	31	37.5	793	21
DEKALB	DKC58-64RIB GC	STX,B	108	250.9	27.4	35	36.6	785	25
WYFFELS	W5518RIB	STX,B	109	249.6	29.0	14	32.2	769	31
CORNELIUS	C577SS	STX	109	247.4	25.0	34	34.0	792	22
FS INVISON	FS 5704X RIB	STX,B	107	247.1	24.1	9	37.5	797	19
CORNELIUS	C573DP	VT2P	108	244.4	25.5	17	35.7	778	29
PIONEER	P0720Q CK	QR,B	107	264.3	25.3	25	34.8	844	7
				Averages =	249.9	28.5	29	35.8	773
				LSD (0.10) =	15.4	2.6	15		
				LSD (0.25) =	8.1	1.4	8		
				C.V. =	5.8				
				Historic yield: 224.0 bu/a, 19 yr(s)					

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

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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

^ 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*

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®

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

Corn Seed Treatments**

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

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