

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

2020 Corn Grain Top 30 Harvest Report

Illinois North [ILNO] TAMPICO, IL

Todd Wetzell, Whiteside County, IL 61277

Early-Season Test	106 - 109 Day CRM B2020ILNO18a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Dicamba, Roundup
SOIL DESCRIPTION:	Marshan/Udolpho sandy loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, medium P, very high K, 5.5 pH, 3.5% OM, 18.4 CEC
PEST MANAGEMENT:	Callisto, Atrazine, Roundup, Force
FERTILITY - Applied N:	27 Fall, 175 Spring, 30 Sidedress
Applied N-P-K (units):	232-69-0
SEEDED - RATE - ROW:	Apr 28 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 3 33.1 /A

TEST COMMENTS:

Conditions at planting were slightly damp and continued rainfall that followed cause some emergence issues for several hybrids. The plot received good rainfall all the way into July. The ears that were present had filled to the tip, but kernel depth was shallow and ear diameter was smaller than average. Early season hybrids were starting to show weakening stalks and some foliar diseases were present.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
CORNELIUS	C575DP	VT2P	109	267.9	18.0	3	30.4	914	1
HEFTY	H5944SS	STX	109	258.5	16.7	8	34.8	892	2
NK BRAND	NK0886-5122-EZR	5122,B	108	256.7	17.7	18	33.1	878	3
NK BRAND	NK0624-5222-EZR	5222,B	106	251.6	15.7	4	33.1	876	4
RENK	RK765VT2PRIB	VT2P,B	109	250.3	17.2	5	33.1	860	5
INTEGRA	5719 VT2PRIB	VT2P,B	107	249.7	16.9	6	33.1	859	6
NUTECH	5FB-9909AM	AM,B	109	246.9	17.8	11	31.3	844	8
GREAT HEART	HT-6948VT2P	VT2P,B	109	245.5	17.2	7	33.9	843	9
RENK	RK710DGV2P	VT2PDG,B	106	243.9	16.4	13	32.2	843	10
STONE	0931SS	STX,B	109	243.8	18.8	3	36.6	825	11
NUTECH	68A7AM	AM,B	107	241.8	18.2	14	32.2	823	13
INTEGRA	5939 STXRIB	STX,B	109	239.7	18.6	10	33.9	813	16
NUTECH	5FB-8808AM	AM,B	108	237.6	16.0	29	34.8	824	12
DAIRYLAND	DS-4878AM	AM,B	108	237.3	16.7	7	34.8	818	15
STONE	0621SS	STX,B	106	236.9	15.8	12	29.5	823	14
DEKALB	DKC59-81RIB GC	STX,B	109	233.6	17.2	27	35.7	802	17
HEFTY	H5624SSRIB	STX,B	106	231.9	16.6	4	33.1	800	18
GOLDEN HARVEST	G08D29-5122A-EZR	5122A,B	108	230.6	18.9	10	33.9	780	24
RENK	RK700SSTX	STX	107	229.8	17.8	6	30.4	785	20
RENK	RK726H	PC	106	228.3	16.6	9	35.7	788	19
CORNELIUS	C6720DP	VT2P	107	228.2	17.9	55	34.8	779	25
AUGUSTA	4958-3120 GC	3120,B	108	227.5	17.2	31	30.4	781	23
GOLDEN HARVEST	G09A86-3330-EZR	3330,B	109	227.3	16.8	6	33.9	784	21
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108	225.7	15.9	18	33.1	784	22
FS INVISION	FS 5909D2A EZR	5222A,B	109	225.4	18.2	51	33.1	767	26
DAIRYLAND	DS-4910AML	AML,B	109	221.3	16.7	6	33.9	763	27
HEFTY	H5812VT2PRIB	VT2P,B	108	220.4	16.9	8	33.0	759	28
BURRUS	POWER PLUS 4F71AM	AM,B	109	219.5	17.0	9	33.1	755	30
BURRUS	POWER PLUS 3M62AM	AM,B	107	218.5	16.3	5	33.1	756	29
DYNA-GRO	D49SS70	STX	109	218.5	16.8	4	31.3	753	31
PIONEER	P0825AMXT CK	AMXT,B	108	252.4	18.8	9	33.9	854	7
				Averages =	225.7	17.1	13	33.1	776
				LSD (0.10) =	17.0	1.3	10		
				LSD (0.25) =	8.9	0.7	5		
				C.V. =	7.1				
				Historic yield: 208.9 bu/a, 1 yr(s)					

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.50

Report Date: 10/04/2020

† 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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Full-Season Test	110 - 113 Day CRM B2020ILNO18b
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Dicamba, Roundup
SOIL DESCRIPTION:	Marshan/Udolpho sandy loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, medium P, very high K, 5.5 pH, 3.5% OM, 18.4 CEC
PEST MANAGEMENT:	Callisto, Atrazine, Roundup, Force
FERTILITY - Applied N:	27 Fall, 175 Spring, 30 Sidedress
Applied N-P-K (units):	232-69-0
SEEDED - RATE - ROW:	Apr 28 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 3 32.3 /A

TEST COMMENTS:

Conditions at planting were slightly damp and continued rainfall that followed cause some emergence issues for several hybrids. The plot received good rainfall all the way into July. The ears that were present had filled to the tip, but kernel depth was shallow and ear diameter was smaller than average. Early season hybrids were starting to show weakening stalks and some foliar diseases were present.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
PROHARVEST	8324 VT2PRIB	VT2P,B	113	252.4	20.0	3	33.9	845	3
WYFFELS	W6408RIB	STX,B	110	252.0	20.7	7	33.9	839	4
NUTECH	70A8AM	AM,B	110	251.8	19.7	5	31.3	846	2
DAIRYLAND	DS-5018AM	AM,B	110	251.1	17.5	6	33.0	860	1
DAIRYLAND	DS-5279Q	QR,B	113	249.2	22.6	13	34.8	815	8
GOLDEN HARVEST	G10D21-3330-EZR	3330,B	110	248.9	22.8	5	33.9	813	9
INTEGRA	6061 VT2PRIB	VT2P	110	247.5	21.4	5	31.3	818	7
WYFFELS	W6826RIB	VT2P,B	111	245.6	19.6	7	31.3	826	6
DYNA-GRO	D50SS48	STX	110	244.1	20.9	9	34.8	811	10
HEFTY	H6244SS	STX	112	243.0	24.0	5	29.5	785	20
RENK	RK882SSTX	STX	111	242.1	22.6	6	33.1	792	18
NUTECH	72B7CYFR	QR	112	241.6	21.7	3	32.2	797	14
DAIRYLAND	DS-5144Q	QR,B	111	239.3	18.8	6	33.1	811	11
BURRUS	POWER PLUS 5N78 Q	QR,B	111	238.8	20.2	4	30.4	799	12
NK BRAND	NK1354-5222-EZR	5222,B	113	238.5	22.8	7	33.1	779	25
PROHARVEST	8360 VT2PRIB	VT2P,B	113	237.7	19.7	6	33.1	798	13
STONE	6368RIB	STX,B	113	237.5	23.0	10	33.1	774	28
FS INVISION	FS 6107T RIB	TRE,B	111	237.3	21.8	7	27.7	782	23
NUTECH	70F2Q	QR,B	110	237.2	20.2	3	34.8	793	17
BURRUS	POWER PLUS 6J92AM	AM,B	113	237.2	21.2	5	34.8	786	19
DAIRYLAND	DS-5319AM	AM,B	112	236.2	21.1	18	33.1	783	21
GREAT HEART	HT-7240DGVT2P	VT2PDG,B	112	236.1	21.9	6	31.3	777	26
RENK	RK937VT2P	VT2P,B	113	235.3	19.1	11	33.9	795	15
RENK	RK866DGVT2P	VT2PDG	112	233.5	22.0	3	33.9	768	30
CORNELIUS	7228VT2P	VT2P	112	233.1	19.6	6	33.9	783	22
RENK	RK805VT2P	VT2P	110	233.0	18.1	4	34.8	794	16
DYNA-GRO	D51VC41	VT2P	111	231.0	18.9	14	32.2	782	24
WYFFELS	W6906	VT2P	111	230.3	19.1	13	33.9	777	27
NK BRAND	NK1026-3330-EZR	3330,B	110	230.0	20.1	7	34.0	770	29
HEFTY	H6134SSRIB	STX,B	111	228.8	20.4	6	31.3	764	31
PIONEER	P0825AMXT CK	AMXT,B	108	249.5	19.9	7	33.9	837	5
				Averages =	231.8	21.0	7	32.3	769
				LSD (0.10) =	15.8	1.9	5		
				LSD (0.25) =	8.3	1.0	3		
				C.V. =	6.5				
				Historic yield: 208.9 bu/a, 1 yr(s)					

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.50

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Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	1259	3330,B	109	AVC,C5
AUGUSTA	2856	3220,B	106	AVC,C2
AUGUSTA	3058-3120	3120	108	CM,C2,Vi
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
CORNELIUS	C575DP	VT2P	109	NA
CORNELIUS	C577SS	STX	109	NA
CORNELIUS	C6720DP	VT2P	107	NA
DAIRYLAND	DS-4840AM	AM,B	108	Lum,P1V
DAIRYLAND	DS-4878AM	AM,B	108	Lum,P1V
DAIRYLAND	DS-4910AML	AML,B	109	Lum,P1V
DEKALB	DKC59-81RIB GC	STX,B	109	AC,P5V,EDC-B
DYNA-GRO	D49SS70	STX	109	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	G08M20-3120-EZR	3120,B	108	AVC,C5,Vi
GOLDEN HARVEST	G09A86-3330-EZR	3330,B	109	AVC,C5,Vi
GREAT HEART	HT-6948VT2P	VT2P,B	109	NA
HEFTY	H5624SSRIB	STX,B	106	HC
HEFTY	H5812VT2PRIB	VT2P,B	108	HC
HEFTY	H5832VT2PRIB	VT2P,B	108	HC
HEFTY	H5944SS	STX	109	HC
INTEGRA	5719 VT2PRIB	VT2P,B	107	AC,P2,St,SU
INTEGRA	5770 STXRIB	STX,B	107	AC,P5V,St,SU
INTEGRA	5939 STXRIB	STX,B	109	AC,P5V,St,SU
NK BRAND	NK0624-5222-EZR	5222,B	106	AVC,C2,Vi
NK BRAND	NK0760-3111	3111	107	AVC,C2,Vi
NK BRAND	NK0886-5122-EZR	5122,B	108	AVC,C5,Vi
NUTECH	5FB-8808AM	AM,B	108	P1V,RN
NUTECH	5FB-9909AM	AM,B	109	P1V,RN
NUTECH	68A7AM	AM,B	107	P1V,RN

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
NUTECH	68B3AML	AML,B	108	P1V,RN
PIONEER	P0720Q GC	QR,B	107	NA
PIONEER	P0825AMXT CK	AMXT,B	108	NA
RENK	RK700SSTX	STX	107	AC,P5V
RENK	RK710DGVT2P	VT2PDG,B	106	AC,P2
RENK	RK726H	PC	106	AC,P2
RENK	RK765VT2PRIB	VT2P,B	109	AC,P2
STONE	0621SS	STX,B	106	NA
STONE	0931SS	STX,B	109	NA
WYFFELS	W4358RIB	STX,B	106	AC,P5V
WYFFELS	W5086RIB	VT2P,B	107	AC250
WYFFELS	W5518RIB	STX,B	109	AC,P5V

2020 Corn - Illinois North [ILNO]

Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
BURRUS	POWER PLUS 5N78 Q	QR,B	111	BPS
BURRUS	POWER PLUS 6J92AM	AM,B	113	Lum,P1V
CORNELIUS	7228VT2P	VT2P	112	NA
CORNELIUS	C7270DP	VT2P	112	NA
CORNELIUS	C7308SS	STX	113	NA
DAIRYLAND	DS-5018AM	AM,B	110	Lum,P5V
DAIRYLAND	DS-5144Q	QR,B	111	Lum,P1V
DAIRYLAND	DS-5210AM	AM,B	112	Lum,P1V
DAIRYLAND	DS-5279Q	QR,B	113	Lum,P1V
DAIRYLAND	DS-5319AM	AM,B	112	Lum,P1V
DYNA-GRO	D50SS48	STX	110	AC,P5V,EDC-B
DYNA-GRO	D51VC41	VT2P	111	AC,P5V,EDC-B
FS INVISION	FS 60UX1 RIB	STX,B	110	AC,P5V
FS INVISION	FS 6106X RIB	STX,B	111	AC,P5V
FS INVISION	FS 6107T RIB	TRE,B	111	AC,P5V
FS INVISION	FS 6194V RIB	VT2P,B	111	AC,P5V
FS INVISION	FS 6395VDG RIB	VT2PDG,B	113	AC,P5V
GOLDEN HARVEST	G10D21-3330-EZR	3330,B	110	AVC,C5,Vi
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	AVC,C5,Vi
GOLDEN HARVEST	G13Z50-3220-EZR	3220,B	113	AVC,C5,Vi
GREAT HEART	HT-7123VT2P	VT2P,B	111	NA
GREAT HEART	HT-7240DGVT2P	VT2PDG,B	112	NA
HEFTY	H6134SSRIB	STX,B	111	HC
HEFTY	H6212VT2PRIB	VT2P,B	112	HC
HEFTY	H6214SSRIB	STX,B	112	HC
HEFTY	H6244SS	STX	112	HC
HEFTY	H6332VT2PRIB	VT2P,B	113	HC
INTEGRA	6061 VT2PRIB	VT2P	110	AC,P5,St,SU
INTEGRA	6284 VT2PRIB	VT2P,B	112	AC,P2,St,SU
NK BRAND	NK1026-3330-EZR	3330,B	110	AVC,C5,Vi
NK BRAND	NK1082-5222A-EZR	5222A,B	110	AVC,C5,Vi
NK BRAND	NK1239-5122-EZR	5122,B	112	AVC,C5,Vi
NK BRAND	NK1354-5222-EZR	5222,B	113	AVC,C5,Vi
NUTECH	5FB-2213AM	AM,B	113	P1V,RN
NUTECH	70A8AM	AM,B	110	P1V,RN
NUTECH	70F2Q	QR,B	110	P1V,RN

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
NUTECH	71F5CYFR	QR	111	P1V,RN
NUTECH	72B7CYFR	QR	112	P1V,RN
PIONEER	P0825AMXT CK	AMXT,B	108	NA
PROHARVEST	81P88 STX	STX	111	P5V
PROHARVEST	8324 VT2PRIB	VT2P,B	113	AC,P2
PROHARVEST	8360 VT2PRIB	VT2P,B	113	AC,P2
RENK	RK805VT2P	VT2P	110	AC,P2
RENK	RK807SSTXRIB	STX,B	111	AC,P5V
RENK	RK866DGVT2P	VT2PDG	112	AC,P2
RENK	RK882SSTX	STX	111	AC,P5V
RENK	RK937VT2P	VT2P,B	113	AC,P2
STONE	6078RIB	STX,B	110	NA
STONE	6368RIB	STX,B	113	NA
WYFFELS	W6408RIB	STX,B	110	AC,P5V
WYFFELS	W6826RIB	VT2P,B	111	AC250
WYFFELS	W6906	VT2P	111	AC250
WYFFELS	W6978	STX	111	AC,P5V
WYFFELS	W7878RIB	STX,B	114	AC250

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*

3111	Agrisure® Viptera® 3111
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®
TRE	Genuity® Trecepta™
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,St,SU	Acceleron 250, Stamina, StepUp
AC,P5,St,SU	Acceleron Poncho 500, Stamina, StepUp
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,St,SU	Acceleron Poncho 500/Votivo, Stamina, StepUp
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
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.