

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

2020 Corn Grain Top 30 Harvest Report

Illinois North [ILNO] MALTA, IL
Steve Drendel, DeKalb County, IL 60150

Early-Season Test	106 - 109 Day CRM B2020ILNO14a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Zidua Pro, Buccaneer Plus, Medal, Select Max
SOIL DESCRIPTION:	Catlin/Flanagan silt loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, low P, very high K, 6.4 pH, 3.8% OM, 20.9 CEC
PEST MANAGEMENT:	Verdict, 41% Glyphos, Callisto, Hero, Stratego, Force
FERTILITY - Applied N:	120 Spring, 100 Sidedress, 10 Foliar Rescue
Applied N-P-K (units):	230-0-60
SEDED - RATE - ROW:	Apr 22 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 29 35.2 /A

TEST COMMENTS:

Planting conditions were nice and dry, but it was cold. This location had good emergence and was nice and uniform at the v4 stage. Limited rainfall in August really took its toll. Plants were mainly short in stature with really good root systems. All lodging scores were stalk lodging. Ears were small all the way around with about an inch of tip back. Hard to locate any disease pressure due to most of the leaves missing.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK BRAND	NK0886-5122-EZR	5122,B	108	234.9	18.6	7	33.9	797	1
DEKALB	DKC59-81RIB GC	STX,B	109	233.7	18.0	4	35.7	797	2
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108	233.3	18.9	4	35.7	789	3
GREAT HEART	HT-6948VT2P	VT2P,B	109	233.0	18.8	5	34.0	789	4
CORNELIUS	C575DP	VT2P	109	231.6	18.8	7	33.9	784	5
AUGUSTA	1259	3330,B	109	230.7	19.2	3	33.1	778	6
RENK	RK765VT2PRIB	VT2P,B	109	228.4	18.5	4	35.7	776	7
NUTECH	5FB-9909AM	AM,B	109	228.4	18.5	6	34.8	776	8
WYFFELS	W5086RIB	VT2P,B	107	226.5	18.2	3	36.6	771	9
NUTECH	5FB-8808AM	AM,B	108	224.4	18.3	14	36.6	763	10
RENK	RK726H	PC	106	223.5	18.2	12	33.9	761	11
HEFTY	H5812VT2PRIB	VT2P,B	108	222.5	18.2	9	36.6	757	12
INTEGRA	5719 VT2PRIB	VT2P,B	107	221.0	18.2	4	33.9	753	14
RENK	RK710DGV2P	VT2PDG,B	106	220.5	18.5	3	35.7	748	16
DAIRYLAND	DS-4878AM	AM,B	108	220.4	18.4	8	35.7	749	15
HEFTY	H5832VT2PRIB	VT2P,B	108	219.0	18.8	3	34.8	742	17
FS INVISION	FS 5909D2A EZR	5222A,B	109	217.6	18.9	4	36.6	736	20
NUTECH	68A7AM	AM,B	107	217.4	18.6	7	36.6	737	19
WYFFELS	W4358RIB	STX,B	106	217.2	18.2	4	34.8	739	18
STONE	0621SS	STX,B	106	216.6	18.3	3	34.8	736	21
PIONEER	P0720Q GC	QR,B	107	215.0	18.2	4	34.8	732	22
BURRUS	POWER PLUS 4F71AM	AM,B	109	213.3	18.5	3	33.9	724	23
GOLDEN HARVEST	G09A86-3330-EZR	3330,B	109	212.6	18.7	9	34.8	721	24
GOLDEN HARVEST	G08D29-5122A-EZR	5122A,B	108	212.5	18.7	3	35.7	720	25
DYNA-GRO	D49SS70	STX	109	211.6	18.6	11	35.7	718	26
CORNELIUS	C6720DP	VT2P	107	210.5	18.4	7	35.7	715	27
FS INVISION	FS 5892V RIB	VT2P,B	108	209.7	18.0	4	35.7	715	28
NK BRAND	NK0760-3111	3111	107	209.5	18.3	14	35.7	713	29
NK BRAND	NK0624-5222-EZR	5222,B	106	209.2	18.1	10	35.7	713	30
AUGUSTA	4958-3120 GC	3120,B	108	209.1	18.7	3	32.2	709	31
PIONEER	P0825AMXT CK	AMXT,B	108	221.6	18.4	4	36.6	753	13
				Averages =	213.6	18.5	6	35.2	725
				LSD (0.10) =	14.2	0.3	4		
				LSD (0.25) =	7.4	0.2	2		
				C.V. =	6.3				
				Historic yield: 206.1 bu/a, 18 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: 10/29/2020

† 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 - Illinois North [ILNO]

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

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.