

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

2020 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] EFFINGHAM, IL
Klint Tucker, Effingham County, IL 62401

Early-Season Test	107 - 112 Day CRM B2020ILSO51a
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Roundup, Cobra
SOIL DESCRIPTION:	Wynoose/Bluford silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, low K, 5.5 pH, 1.7% OM, 9.9 CEC
PEST MANAGEMENT:	Resicore, Atrazine, Force
FERTILITY - Applied N:	27 Fall, 200 Spring
Applied N-P-K (units):	227-69-90
SEEDED - RATE - ROW:	Apr 21 34.5 /A 30" spacing
HARVESTED - STAND:	Dec 20 23.4 /A

TEST COMMENTS:

This plot was planted in late April in perfect conditions. The following weeks were very wet and cold. The populations of most hybrids were decreased dramatically. We ran the rotary hoe over this plot 4 times in the first two weeks of May to encourage emergence. Several entries simply leafed out underground. At harvest, the corn was standing perfectly. Some of the tops had blown out, but that's to be expected with all the wind received this fall. Both tests were rejected due to plot losses from poor emergence.

Company/Brand	Product/Brand	Tested †	RR	Yield Bu/A	Moisture %	lodging %	Stand In 2020	Gross Income \$/Acre	Rank
AGS	6807	VT09B	112	214.8	17.1	1	25.8	738	1
FB HARVEST	FB 6104V RB	VT09B	111	208.1	16.2	1	26.5	724	2
GOLDEN HARVEST	G11021-330-42R	330L8	110	199.8	16.1	1	27.1	671	3
AGS	6248	VT09B	112	199.8	16.6	1	24.8	668	4
GREAT HEART	HT 7147NE	714L8	111	192.8	16.5	1	27.1	666	5
STONE	DORADO	VT090L8	108	171.5	16.1	1	26.8	651	6
DEKALB	DKC61-40RB DC	61L8	111	171.5	16.9	1	27.1	652	8
NUTECH	TUNARA	ARL8	110	171.1	16.9	1	27.1	641	11
ARROW	10MPRO	VT09	112	171.4	16.9	1	27.4	640	9
AGS	6208	VT09B	112	169.2	17.1	1	27.2	640	10
FB HARVEST	FB 6104V RB	61L8	111	164.1	16.9	1	27.7	640	12
GREAT HEART	HT 7176NE	717L8	112	164.1	16.1	1	26.4	630	13
MR BRAND	MR100-330R	330L8	110	162.9	16.7	1	27.1	630	14
NUTECH	8803AL	ARL8	110	161.1	16.9	1	26.8	630	15
GOLDEN HARVEST	G1118-330R	330L8	110	161.1	17.2	1	19.4	623	17
PIONEER	P1180 DC	61L8	111	160.7	16.2	1	22.3	625	16
NUTECH	8817AR	ARL8	110	179.1	16.8	1	25.0	619	18
AUGUSTA	190	330L8	108	179.8	16.2	1	22.4	619	19
FB HARVEST	FB 6107V RB	61L8	111	176.2	16.1	1	22.8	618	20
WHITFIELD	W170R	61L8	112	176.2	16.1	1	24.8	611	21
STONE	6170R	61L8	110	176.2	16.1	1	22.3	611	22
GOLDEN HARVEST	G11021-330-42R	330L8	108	175.8	16.2	1	22.8	608	23
AGS	6208	VT09B	112	171.1	17.4	1	26.7	596	24
FB HARVEST	FB 6107V RB	61L8	112	170.1	17.1	1	25.1	594	25
SYNAGRO	DORADO	VT090L8	112	169.2	16.7	1	25.8	594	26
NUTECH	878-8803AR	ARL8	108	167.8	16.9	1	23.5	583	27
NUTECH	10MPCFR	61L8	112	167.8	16.9	1	21.3	579	28
WHITFIELD	W170R	61L8	111	166.7	16.1	1	25.5	579	29
ARROW	10711	VT09	107	165.0	17.0	41	24.4	568	31
STONE	10719E	714L8	112	164.8	16.4	1	19.5	570	30
STONE	PIONEER DC	61L8	112	161.2	16.1	1	27.1	554	32

REJECTED DATA

Jason T. Beyers

Jason Beyers
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Averages =	175.8	16.5	2	23.4	608
LSD (0.10) =	16.5	ns	6		
LSD (0.25) =	8.6	ns	3		
C.V. =	10.2				Historic yield: 246.3 bu/a, 2 yr(s)

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

Report Date: 10/22/2020
Revised: 10/22/2020
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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2020 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] EFFINGHAM, IL
Klint Tucker, Effingham County, IL 62401

Full-Season Test	113 - 117 Day CRM B2020ILSO51b
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Roundup, Cobra
SOIL DESCRIPTION:	Wynoose/Bluford silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, low K, 5.5 pH, 1.7% OM, 9.9 CEC
PEST MANAGEMENT:	Resicore, Atrazine, Force
FERTILITY - Applied N:	27 Fall, 200 Spring
Applied N-P-K (units):	227-69-90
SEEDED - RATE - ROW:	Apr 21 34.5 /A 30" spacing
HARVESTED - STAND:	Dec 20 22.0 /A

TEST COMMENTS:

This plot was planted in late April in perfect conditions. The following weeks were very wet and cold. The populations of most hybrids were decreased dramatically. We ran the rotary hoe over this plot 4 times in the first two weeks of May to encourage emergence. Several entries simply leafed out underground. At harvest, the corn was standing perfectly. Some of the tops had blown out, but that's to be expected with all the wind received this fall. Both tests were rejected due to plot losses from poor emergence.

Company/Brand	Product/Brand	Tested †	GR	Yield Bu/A	Moisture %	Logging %	Stand in 2020	Gross Income \$/Acre	Rank
STONE	V120P	V120P	117	214.8	17.8	1	25.8	733	1
FS BAYSON	FS 888T RB	TRLS	118	210.5	18.7	1	25.5	728	2
ARMOR	164TRC2	V12P	114	208.0	17.1	1	26.3	718	3
NUTECH	TR888	TRLS	114	205.0	18.8	1	24.8	708	5
GOLDEN HARVEST	8224 V120P	V120P	113	204.2	18.0	1	27.0	708	4
FS BAYSON	FS 888T RB	V120P	115	201.1	18.8	1	25.4	691	6
GOLDEN HARVEST	8224 V120P	V120P	113	197.5	17.5	1	27.7	689	7
STONE	8640RB	V120P	115	197.4	17.4	1	26.0	682	8
FS BAYSON	FS 888T RB	TRLS	114	197.4	18.0	1	24.5	687	9
NUTECH	ET120P	GR	113	197.8	17.1	1	25.0	674	11
GREAT HEART	HT 720P/V12P	V12P	114	197.9	17.1	1	25.2	679	10
ARMOR	A120	V12P	114	196.1	18.0	1	25.0	664	12
NUTECH	TR120P	GR	117	194.0	17.7	1	23.3	663	13
FS BAYSON	FS 870V1 RB	V120P	114	190.1	17.8	1	25.2	657	14
HEFTY	HEFT400P	V120P	114	189.0	17.3	1	22.4	652	15
NR BRAND	NR120-8224-42R	8224	114	188.0	18.0	1	19.0	629	17
STONE	8640RB	V120P	114	187.2	18.2	1	23.8	648	16
FS BAYSON	FS 888T RB	STLS	114	186.8	18.1	1	24.8	621	18
NUTECH	SP8-220P	GR	113	183.8	18.2	1	25.0	625	20
WHITFIELD	W120P	V120P	114	183.5	18.7	1	22.4	623	19
SYN-GRO	SYN120	V12P	114	182.9	17.8	1	21.3	625	21
WHITFIELD	W120P	V120P	117	181.1	17.2	1	21.8	622	22
WHITFIELD	W120P	V120P	114	179.7	17.7	1	19.8	614	23
GOLDEN HARVEST	8120P-8224-42R	8224	115	179.8	17.7	1	21.8	614	24
NR BRAND	NR120-8224-42R	8224	114	179.8	17.8	1	21.3	613	25
HEFTY	HEFT400RB	STLS	117	177.5	17.4	1	15.4	608	27
SYN-GRO	SYN120	V12P	115	176.7	17.7	1	20.7	604	26
NR BRAND	NR120-8120-42R	8120	112	174.4	17.8	1	21.3	600	28
WHITFIELD	W120P	V120P	113	172.8	17.8	1	18.3	591	31
GOLDEN HARVEST	8120P-8224-42R	8224	113	171.8	18.7	1	20.8	590	30
STONE	8640RB	V120P	113	171.4	17.7	1	21.1	577	32

REJECTED

Jason T. Beyers

Jason Beyers
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Averages =	185.5	17.5	1	22.0	587
LSD (0.10) =	ns	0.9	ns		
LSD (0.25) =	ns	0.5	ns		
C.V. =	11.4			Historic yield: 246.3 bu/a, 2 yr(s)	

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

Report Date: 10/22/2020

Revised: 10/22/2020

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† 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

2020 Corn - Illinois South [ILSO]

Early-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
ARMOR	1299PRO2	VT2P	112	ZN
ARMOR	A0711	VT2P	107	ZN
ARMOR	A1029	VT2P	110	ZN
AUGUSTA	1060	3330	109	CM,C2
AXIS	60K23	VT2P,B	110	AC250
AXIS	62A28	VT2P,B	112	AC250
AXIS	63D28	VT2P,B	112	AC250
AXIS	63H27	VT2P,B	112	AC250
DEKALB	DKC61-40RIB GC	STX,B	111	AC,P5V,EDC-B
DYNA-GRO	D52DC82	VT2PDG	112	AC,P5V,EDC-B
DYNA-GRO	D52VC15	VT2P	112	AC,P5V,EDC-B
FS INVISION	FS 60UV1 RIB	VT2P,B	110	AC,P2
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 62ZV1 RIB	VT2P,B	112	AC,P2
GOLDEN HARVEST	G08D29-3120A-EZR	3120A,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
GREAT HEART	HT-7105DGVT2P	VT2PDG,B	111	NA
GREAT HEART	HT-7123VT2P	VT2P,B	111	NA
GREAT HEART	HT-7148TRE	TRE,B	111	NA
GREAT HEART	HT-7256DGVT2P	VT2PDG,B	112	NA
GREAT HEART	HT-7275SS	STX	112	NA
NK BRAND	NK1082-3330A-EZR	3330A,B	110	AVC,C5,Vi
NK BRAND	NK1188-5122-EZR	5122,B	111	AVC,C5,Vi
NUTECH	5FB-9909AM	AM,B	109	P1V,RN
NUTECH	68A7AM	AM,B	107	P1V,RN
NUTECH	68B3AML	AML,B	108	P1V,RN
NUTECH	70A8AM	AM,B	110	P1V,RN
NUTECH	72B7CYFR	QR	112	P1V,RN
PIONEER	P1108Q GC	QR,B	111	NA
PIONEER	P1366AMXT CK	AMXT,B	113	NA
STONE	1221TRE	TRE,B	112	NA
STONE	6072RIB	VT2P,B	110	NA
STONE	DG5942RIB	VT2PDG,B	109	NA

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
WYFFELS	W6826RIB	VT2P,B	111	AC250
WYFFELS	W6906	VT2P	111	AC250
WYFFELS	W6978	STX	111	AC,P5V
WYFFELS	W7338	STX	112	AC,P5V

2020 Corn - Illinois South [ILSO]



Full-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
ARMOR	1447PRO2	VT2P	114	ZN
ARMOR	A1575	VT2P	115	ZN
DYNA-GRO	D54VC34	VT2P	114	AC,P5V,EDC-B
DYNA-GRO	D55VC80	VT2P	115	AC,P5V,EDC-B
FS INVISION	FS 6306T RIB	TRE,B	113	AC,P5V
FS INVISION	FS 6406X RIB	STX,B	114	AC,P5V
FS INVISION	FS 6595V RIB	VT2P,B	115	AC,P5V
FS INVISION	FS 6606T RIB	TRE,B	116	AC,P5V
FS INVISION	FS 67SV1 RIB	VT2P,B	117	AC,P2
GOLDEN HARVEST	G13Z50-3220-EZR	3220,B	113	AVC,C5,Vi
GOLDEN HARVEST	G14N11-5222-EZR	5222,B	114	AVC,C5,Vi
GOLDEN HARVEST	G15J91-3220-EZR	3220,B	115	AVC,C5,Vi
GREAT HEART	HT-7337VT2P	VT2P,B	113	NA
GREAT HEART	HT-7425DGVT2P	VT2PDG,B	114	NA
HEFTY	H6332VT2PRIB	VT2P,B	113	HC
HEFTY	H6524SSRIB	STX,B	115	HC
HEFTY	H6525TRERIB	TRE,B	115	HC
HEFTY	H6532VT2PRIB	VT2P,B	115	HC
HEFTY	H6714SSRIB	STX,B	117	HC
NK BRAND	NK1239-5122-EZR	5122,B	112	AVC,C5,Vi
NK BRAND	NK1460-5222-EZR	5222,B	114	AVC,C5,Vi
NK BRAND	NK1523-3220-EZR	3220,B	115	AVC,C5,Vi
NUTECH	5FB-2213AM	AM,B	113	P1V,RN
NUTECH	74B6AM	AM,B	114	P1V,RN
NUTECH	75G1YHR	OI	115	P1V,RN
NUTECH	78A1YHR	OI	117	P1V,RN
NUTECH	E74C1YHR	OI	114	P1V,RN
PIONEER	P1353Q GC	QR,B	114	NA
PIONEER	P1366AMXT CK	AMXT,B	113	NA
PROHARVEST	8324 VT2PRIB	VT2P,B	113	AC,P2
PROHARVEST	8360 VT2PRIB	VT2P,B	113	AC,P2
PROHARVEST	84P93 SSTXRIB	STX,B	114	P5V
STONE	1721DP	VT2P,B	117	NA
STONE	6542RIB	VT2P,B	115	NA
STONE	DG6382RIB	VT2PDG,B	113	NA
WYFFELS	W7726RIB	VT2P,B	113	AC250

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
WYFFELS	W7876RIB	VT2P,B	114	AC250
WYFFELS	W7956RIB	VT2P,B	114	AC250
WYFFELS	W8148	STX	115	AC,P5V
WYFFELS	W8936DGRIB	VT2PDG,B	117	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*

3120A	Agrisure® Artesian® 3120 (CB,HX,LL,GT)	QR	Qrome™
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	STX	SmartStax®
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)	TRE	Genuity® Trecepta™
3330A	Agrisure® Artesian® Viptera® 3330 (Vip,CB,LL,GT)	VT2P	Genuity® VT Double PRO®
5122	Agrisure® Duracade™ 5122	VT2PDG	Genuity® VT Double PRO® DroughtGard®
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		
B	Blend, Refuge in a Bag (RIB) or EZ-Refuge		
OI	Optimum® Intrasect®		

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

Corn Seed Treatments**

AC250	Acceleron 250
AC,P2	Acceleron, Poncho 250
AC,P5V	Acceleron, Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control
AVC,C5,Vi	Avicta Complete 500, Vibrance
CM,C2	CruiserMaxx 250
HC	Hefty Complete
P1V,RN	Poncho 1250/Votivo, Rancona®
P5V	Poncho 500/Votivo
ZN	Winfield United Advanced Coating® Zn

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