

Test by: F.I.R.S.T. CCB, Inc. Elizabeth, IL

2019 Corn Grain Top 30 Harvest Report

Iowa South [IASO] LINEVILLE, IA

Bradley Vogel, Wayne County, IA 50147

Early-Season Test	106 - 111 Day CRM B2019IASO35a
Top 30 of 44	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Round up
SOIL DESCRIPTION:	Pershing-Belinda silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, high P, low K, 5.9 pH, 2.8% OM, 12.4 CEC
PEST MANAGEMENT:	Acuron, Force
FERTILITY - Applied N:	210 Spring
Applied N-P-K (units):	210-92-81
SEEDED - RATE - ROW:	Apr 25 32.4 /A 30" spacing
HARVESTED - STAND:	Nov 13 30.9 /A

TEST COMMENTS:

Way above average rainfall in the spring and the fall had big effects on this plot. Poor emergence on the later maturity hybrids affected the yields. Ears were long but slender and seed depth was very small. With the poor emergence, weed pressure was seen. Pollination was spotty with some tip back on some hybrids, with very little rainfall over the summer growing period. The fall rains have delayed harvest in the area. Due to poor stands in the full-season test and no data for several plots, the full-season test was rejected.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LATHAM	LH5965VT2PRIB	VT2P,B	109	187.9	13.4	1	30.9	697	1
CHAMPION	61A19VT2PRORIB	VT2P,B	111	164.6	13.1	1	29.9	611	2
FS INVISION	FS 6194V RIB	VT2P,B	111	163.1	12.8	1	30.9	605	3
CHAMPION	60A20 VT2 PRO	VT2P,B	110	155.4	14.0	1	29.9	577	4
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110	154.9	12.9	1	29.9	575	5
FS INVISION	FS 59VL1 EZR	3220,B	109	152.3	13.1	1	31.9	565	7
RENK	RK779SSTX	STX,B	108	151.3	13.6	1	31.9	561	8
WYFFELS	W6956RIB	VT2P,B	111	149.5	13.6	1	29.9	555	9
KRUGER	K1005DP	VT2P,B	110	146.9	13.3	1	29.9	545	10
FS INVISION	FS 58RL1 EZR	3220,B	108	145.4	13.9	1	29.9	539	11
WYFFELS	W6826	VT2P	111	144.8	13.2	1	30.9	537	12
TITAN PRO	98-10 2P	VT2P	110	144.6	13.3	1	30.9	536	13
WYFFELS	W5626RIB	VT2P,B	108	143.4	12.7	1	29.9	532	14
HOEGEMEYER	8104 AM GC	AM,B	111	142.8	14.0	1	30.9	530	15
AUGUSTA	A4658	3220,B	108	142.7	13.1	1	31.9	529	16
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	140.9	12.9	1	30.9	523	17
GOLDEN HARVEST	G08R52-3220-EZR	3220,B	108	139.6	13.5	1	29.9	518	18
TITAN PRO	94-09 2P	VT2P,B	109	138.1	13.0	1	30.9	512	19
DYNA-GRO	D51VC67	VT2P	110	135.9	13.1	1	31.9	504	20
DYNA-GRO	D52VC15	VT2P	111	135.0	13.4	1	30.9	501	21
LATHAM	EX 6143 3010	3010	111	134.8	13.2	1	29.9	500	22
NK BRAND	NK0821-3120A	3120,A,B	108	134.5	13.5	1	31.9	499	23
LATHAM	LH5847VT2PRIB	VT2P,B	108	134.3	13.4	1	31.9	498	24
FS INVISION	FS 57ZV1 RIB	VT2P,B	107	131.2	13.0	1	29.9	487	25
WYFFELS	W5516RIB	VT2P,B	108	130.7	13.2	1	30.9	485	26
KRUGER	K1114SS	STX,B	111	130.3	13.6	1	29.9	483	27
CHAMPION	58A18VT2PRORIB	VT2P,B	108	129.4	13.3	1	30.9	480	28
KRUGER	K0915DD	VT2P,DG,B	109	127.5	13.0	1	31.9	473	29
KRUGER	K0807SS	STX,B	108	123.9	12.7	1	32.9	460	30
FS INVISION	FS 60UV1 RIB	VT2P,B	110	122.9	13.1	1	32.9	456	31
DEKALB	DKC61-98RIB CK	VT2P,B	111	154.3	13.3	1	31.9	572	6



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Averages = **134.6** **13.2** **1** **30.9** **499**
LSD (0.10) = 18.6 0.4 ns
LSD (0.25) = 9.8 0.2 ns
C.V. = 13.1

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.71

Report Date: 11/14/2019

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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2019 Corn Grain Top 30 Harvest Report

Iowa South [IASO] LINEVILLE, IA

Bradley Vogel, Wayne County, IA 50147

Full-Season Test 112 - 116 Day CRM
B2019IASO35b

Top 30 of 53 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybean / Round up

SOIL DESCRIPTION: Pershing-Belinda silt loam, well
drained, non-irrigated

SOIL CONDITION: No-Till, high P, low K, 5.9 pH,
2.8% OM, 12.4 CEC

PEST MANAGEMENT: Acuron, Force

FERTILITY - Applied N: 210 Spring

Applied N-P-K (units): 210-92-81

SEEDED - RATE - ROW: Apr 25 32.4 /A 30" spacing

HARVESTED - STAND: Nov 13 29.7 /A

TEST COMMENTS:

Way above average rainfall in the spring and the fall had big effects on this plot. Poor emergence on the later maturity hybrids affected the yields. Ears were long but slender and seed depth was very small. With the poor emergence, weed pressure was seen. Pollination was spotty with some tip back on some hybrids, with very little rainfall over the summer growing period. The fall rains have delayed harvest in the area. Due to poor stands in the full-season test and no data for several plots, the full-season test was rejected.

Company/Brand	Product/Brand	Tested †	HR	Yield Bu/ha	Moisture %	lodging %	Stand (x 1000) /A	Gross Income \$/A	Rank
MON	8110B2TA	5TA	115	186.8	14.2	1	31.8	729	1
GREEN VALLEY	GV805VTPH08	VTPH	112	187.4	13.5	1	31.4	695	2
LATHAM	LH805VTPH8	VTP	112	176.3	13.8	1	32.8	694	3
KRUGER	KR815H	5TA	116	174.8	14.5	1	31.8	648	4
WHITEFIELD	WTH8	VTP	114	167.9	13.8	1	31.8	623	5
NUTECH	TC808	HR	115	167.1	13.8	1	31.8	620	7
AUGUSTA	A485	3TA	115	163.8	14.2	1	31.8	608	8
NUTECH	TC148	HR	115	163.8	14.2	1	31.8	598	9
AUGUSTA	A412	3TA	115	163.2	14.1	1	31.8	587	10
GREEN VALLEY	GV805VTPH08	VTPH	112	161.9	13.7	1	29.8	586	11
FEDERAL	8807H	VTP	115	158.7	14.1	1	29.8	562	12
FE INVISION	FE 805V HR	VTP	115	158.7	14.1	1	30.8	561	13
FE INVISION	FE 827V HR	VTP	112	158.4	13.7	1	29.8	560	14
FEDERAL	8805VTPH8	VTPH	115	155.4	14.7	1	29.8	577	15
DYNALCO	DRV08	VTP	115	154.8	13.8	1	29.8	552	16
DYNALCO	DRV08	VTP	115	147.8	13.8	1	31.8	548	17
MON	8805VTP	VTP	115	147.7	13.8	1	29.8	548	18
CHAMPION	CA815VTPH08	VTPH	112	146.0	13.8	1	29.8	542	19
WHITEFIELD	WTH8H	VTPH	112	145.3	13.4	1	32.8	538	20
KRUGER	KR12485	VTPH	112	144.3	13.8	1	29.8	535	21
FEDERAL	8805VTP	VTP	115	143.9	14.0	1	30.8	534	22
FE INVISION	FE 815V HR	VTPH	114	143.8	14.5	1	29.8	533	23
CHAMPION	CA815VTPH	VTPH	114	143.2	14.2	1	29.8	531	24
LATHAM	LH815VTPH8	3TA	114	142.7	14.5	1	29.8	529	25
GREEN VALLEY	GV805VTPH08	VTPH	112	142.3	14.0	1	29.8	528	26
KRUGER	KR815H	5TA	114	141.1	13.8	1	30.8	523	27
MON	8805VTP	VTPH	115	140.7	14.2	1	29.8	522	28
HICKMETER	H82 HR	HR	112	138.5	13.7	1	29.8	514	29
CHAMPION	CA815VTPH	VTPH	114	138.3	14.1	1	27.8	513	30
FE INVISION	FE 815V HR	3TA	112	137.8	14.1	1	30.8	511	31
Average			112	163.3	13.7	1	31.3	533	1

REJECTED



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Averages = **143.1** **14.0** **1** **29.7** **532**
LSD (0.10) = ns 0.4 ns
LSD (0.25) = ns 0.2 ns
C.V. = 17.3

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.71

Report Date: 11/14/2019

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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

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2019 Corn - Iowa South [IASO]

Early-Season Test Products (44 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	A3058	3120,A,B	108
AUGUSTA	A4658	3220,B	108
CHAMPION	57A19VT2PRORIB	VT2P,B	107
CHAMPION	58A18VT2PRORIB	VT2P,B	108
CHAMPION	60A20 VT2 PRO	VT2P,B	110
CHAMPION	61A19VT2PRORIB	VT2P,B	111
DEKALB	DKC61-98RIB CK	VT2P,B	111
DYNA-GRO	D51VC67	VT2P	110
DYNA-GRO	D52VC15	VT2P	111
FS INVISION	FS 57ZV1 RIB	VT2P,B	107
FS INVISION	FS 58RL1 EZR	3220,B	108
FS INVISION	FS 59VL1 EZR	3220,B	109
FS INVISION	FS 60UV1 RIB	VT2P,B	110
FS INVISION	FS 6194V RIB	VT2P,B	111
GOLDEN HARVEST	G08R52-3220-EZR	3220,B	108
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110
GREEN VALLEY	GV7992VT2PRORIB	VT2P,B	109
HOEGEMEYER	8028 AM GC	AM,B	110
HOEGEMEYER	8104 AM GC	AM,B	111
KRUGER	K0807SS	STX,B	108
KRUGER	K0915DD	VT2P,DG,B	109
KRUGER	K0917SS	STX,B	109
KRUGER	K1005DP	VT2P,B	110
KRUGER	K1114SS	STX,B	111
LATHAM	EX 6143 3010	3010	111
LATHAM	LH5769SSRIB	STX,B	107
LATHAM	LH5847VT2PRIB	VT2P,B	108
LATHAM	LH5965VT2PRIB	VT2P,B	109
NK BRAND	NK0821-3120A	3120,A,B	108
NK BRAND	NK1082-3330A-EZR	3330,A,B	110
NUTECH	5FB-8808AM	AM,B	108
NUTECH	5FB-9909AM	AM,B	109
NUTECH	68B3AML	OL,B	108
NUTECH	69A6Q	QR,B	109
NUTECH	70B2Q	QR,B	110
RENK	RK779SSTX	STX,B	108

Company/Brand	Brand/Product	Technology	RM
RENK	RK807SSTX	STX	111
TITAN PRO	94-09 2P	VT2P,B	109
TITAN PRO	98-10 2P	VT2P	110
WYFFELS	W5516RIB	VT2P,B	108
WYFFELS	W5626RIB	VT2P,B	108
WYFFELS	W6408RIB	STX,B	110
WYFFELS	W6826	VT2P	111
WYFFELS	W6956RIB	VT2P,B	111

2019 Corn - Iowa South [IASO]



Full-Season Test Products (53 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	A4465	3110,B	115
AUGUSTA	A6162	3220,B	112
CHAMPION	62A18VT2PRORIB	VT2P,B	112
CHAMPION	64A15 DG VT2	VT2P,DG,B	114
CHAMPION	64A20 VT2 PRO	VT2P,B	114
CHAMPION	66A18VT2PRORIB	VT2P,B	116
DEKALB	DKC61-98RIB CK	VT2P,B	111
DYNA-GRO	D52VC63	VT2P	112
DYNA-GRO	D55VC80	VT2P	115
FEDERAL	6280VT2PRIB	VT2P,B	112
FEDERAL	6500TRE	TRE	115
FEDERAL	6580VT2P	VT2P	115
FEDERAL	6680VT2PRIB	VT2P,B	116
FS INVISION	FS 62ZV1 RIB	VT2P,B	112
FS INVISION	FS 63ZV1 RIB	VT2P,B	113
FS INVISION	FS 64SV1 RIB	VT2P,B	114
FS INVISION	FS 6595V RIB	VT2P,B	115
FS INVISION	FS 66ZV1 RIB	VT2P,B	116
GOLDEN HARVEST	G12U17-3010	3010	112
GOLDEN HARVEST	G13H15-3120-EZR	3120,B	113
GREEN VALLEY	GV8282VT2PRORIB	VT2P,B	112
GREEN VALLEY	GV8392VT2PRORIB	VT2P,B	113
GREEN VALLEY	GV8472VT2PRORIB	VT2P,B	114
HOEGEMEYER	8382 AM	AM,B	113
HOEGEMEYER	8414 AM	AM,B	114
KRUGER	K1204SS	STX,B	112
KRUGER	K1501SS	STX,B	115
KRUGER	K1611DP	VT2P,B	116
KRUGER	K4R-9116	STX,B	116
KRUGER	K4R-9814	STX,B	114
LATHAM	LH6285VT2PRIB	VT2P	112
LATHAM	LH6304-3220-EZR	3220,B	114
LATHAM	LH6317VT2PDGRIB	VT2P,DG,B	113
LATHAM	LH6477VT2PRIB	VT2P,B	114
NK BRAND	NK1205-3120-EZR	3120,B	112
NK BRAND	NK1354-3220-EZR	3220,B	113

Company/Brand	Brand/Product	Technology	RM
NK BRAND	NK1573-3330-EZR	3330,B	115
NUTECH	5FB-2213AM	AM,B	113
NUTECH	5LB-6313AMXT	AMXT,B	113
NUTECH	71C1PCR	PC,B	112
NUTECH	75D2AM	AM,B	115
NUTECH	75G1AM	AM,B	115
RENK	9-115SSTX	STX	115
RENK	RK937VT2P	VT2P,B	113
RENK	RK945DGV2P	VT2P,DG,B	115
RENK	RK961VT2P	VT2P,B	116
RENK	RK965VT2P	VT2P,B	116
TITAN PRO	82-14 2P	VT2P,B	114
WYFFELS	W7696RIB	VT2P,B	113
WYFFELS	W7726	VT2P	113
WYFFELS	W7878	STX	114
WYFFELS	W7956	VT2P	114
WYFFELS	W8936DG	VT2P,DG,B	117

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*

3010	Agrisure® 3010 (CB,LL,GT)	AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	AQ	Optimum® AQUAMax®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	B	Refuge blend product	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	CB	Agrisure® Corn Borer	PC	PowerCore™ (HX, VT2P)
3120	Agrisure® 3120 (CB,HX,LL,GT)	DG	Genuity® DroughtGard®	RR2	Roundup Ready® 2 Corn
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)	RW	Agrisure® Rootworm
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	GT	Agrisure® GT	STX	SmartStax® (VT3P,HXT,RR2,LL)
3330	Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT)	HX	Herculex® 1, contains LL	TRE	Genuity® Trecepta™
A	Agrisure® Artesian®	HXRW	Herculex® Rootworm, contains LL	VT2P	Genuity® VT Double PRO®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	HXT	Herculex® Xtra (HX,HXRW,LL)	VT3P	Genuity® VT Triple PRO®
AMT	Optimum® AcreMax® TRIssect (HX,RW,LL,RR2)	LL	LibertyLink®	YGCB	YieldGard® Corn Borer
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	None	conventional corn		

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