

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

2019 Corn Grain Top 30 Harvest Report

Iowa South [IASO] BLOOMFIELD, IA

David & Ray Boas, Davis County, IA 52537

Early-Season Test	106 - 111 Day CRM B2019IASO36a
Top 30 of 44	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Round up
SOIL DESCRIPTION:	Edina silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, high P, low K, 6.6 pH, 2.7% OM, 13.3 CEC
PEST MANAGEMENT:	Kenda,Atrazine,Sure Start,Force,Headline Amp
FERTILITY - Applied N:	180 Spring
Applied N-P-K (units):	180-0-0
SEEDED - RATE - ROW:	Jun 6 31.0 /A 30" spacing
HARVESTED - STAND:	Nov 20 31.5 /A

TEST COMMENTS:

Planting was delayed due to wet soils. Once planted, the plot emerged very well. The plot had signs of goose necking, but plants recovered and stood well. The plants were healthy, ears were girthy with deep seed depth, and the majority of cobs were strong. The host farmers stated that yields were the best they have seen in a long time, and they believe the yields would have looked better with higher test weight.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LATHAM	LH5965VT2PRIB	VT2P,B	109	260.9	20.6	1	31.9	924	1
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110	249.3	20.2	1	30.9	886	2
CHAMPION	61A19VT2PRORIB	VT2P,B	111	247.6	20.1	1	31.9	880	3
WYFFELS	W6956RIB	VT2P,B	111	247.0	20.4	1	30.9	876	4
CHAMPION	60A20 VT2 PRO	VT2P,B	110	246.5	20.7	1	31.9	873	5
GOLDEN HARVEST	G08R52-3220-EZR	3220,B	108	244.7	20.7	1	31.9	866	7
TITAN PRO	94-09 2P	VT2P,B	109	244.6	20.2	1	29.9	869	6
AUGUSTA	A3058	3120,A,B	108	243.7	20.4	1	30.9	864	8
KRUGER	K1005DP	VT2P,B	110	242.1	20.4	1	31.9	859	10
WYFFELS	W6826	VT2P	111	241.6	19.7	1	32.9	863	9
KRUGER	K0915DD	VT2P,DG,B	109	239.2	19.8	1	32.9	853	11
DYNA-GRO	D51VC67	VT2P	110	239.2	19.7	1	32.9	853	12
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	238.1	20.4	1	31.9	845	14
KRUGER	K0917SS	STX,B	109	237.6	19.7	1	31.9	848	13
WYFFELS	W5516RIB	VT2P,B	108	235.7	19.2	1	30.9	845	15
DYNA-GRO	D52VC15	VT2P	111	233.9	20.6	1	30.9	828	17
LATHAM	LH5847VT2PRIB	VT2P,B	108	233.6	20.6	1	29.9	828	18
LATHAM	EX 6143 3010	3010	111	233.2	20.8	1	29.9	824	21
KRUGER	K1114SS	STX,B	111	233.0	21.1	1	31.9	822	22
KRUGER	K0807SS	STX,B	108	232.6	19.7	1	31.9	830	16
FS INVISION	FS 60UV1 RIB	VT2P,B	110	232.1	19.8	1	30.9	827	19
WYFFELS	W6408RIB	STX,B	110	231.6	21.0	1	29.9	818	24
HOEGEMEYER	8104 AM GC	AM,B	111	231.0	20.7	1	31.9	818	25
FS INVISION	FS 6194V RIB	VT2P,B	111	230.5	20.4	1	29.9	818	26
NUTECH	68B3AML	OL,B	108	230.5	20.2	1	31.9	819	23
WYFFELS	W5626RIB	VT2P,B	108	229.9	19.0	1	30.9	826	20
NUTECH	69A6Q	QR,B	109	229.2	19.8	1	30.9	817	27
FS INVISION	FS 59VL1 EZR	3220,B	109	228.8	20.3	1	32.9	812	28
NUTECH	70B2Q	QR,B	110	227.7	19.9	1	30.9	811	29
GREEN VALLEY	GV7992VT2PRORIB	VT2P,B	109	227.1	20.4	1	30.9	806	30
DEKALB	DKC61-98RIB CK	VT2P,B	111	225.2	20.0	1	31.9	802	31
				Averages =	231.5	20.2	1	31.5	822
				LSD (0.10) =	7.6	0.8	ns		
				LSD (0.25) =	4.0	0.4	ns		
				C.V. =	3.1				



Randy Meinsma

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

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2019 Corn Grain Top 30 Harvest Report

Iowa South [IASO] BLOOMFIELD, IA

David & Ray Boas, Davis County, IA 52537

Full-Season Test	112 - 116 Day CRM B2019IASO36b
Top 30 of 53	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Round up
SOIL DESCRIPTION:	Edina silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, high P, low K, 6.6 pH, 2.7% OM, 13.3 CEC
PEST MANAGEMENT:	Kenda, Atrazine, Sure Start, Force, Headline Amp
FERTILITY - Applied N:	180 Spring
Applied N-P-K (units):	180-0-0
SEEDED - RATE - ROW:	Jun 6 31.0 /A 30" spacing
HARVESTED - STAND:	Nov 20 31.4 /A

TEST COMMENTS:

Planting was delayed due to wet soils. Once planted, the plot emerged very well. The plot had signs of goose necking, but plants recovered and stood well. The plants were healthy, ears were girthy with deep seed depth, and the majority of cobs were strong. The host farmers stated that yields were the best they have seen in a long time, and they believe the yields would have looked better with higher test weight.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS INVISION	FS 62ZV1 RIB	VT2P,B	112	252.8	22.9	1	29.9	878	1
CHAMPION	62A18VT2PRORIB	VT2P,B	112	250.9	22.7	1	32.9	873	2
FEDERAL	6500TRE	TRE	115	245.9	22.8	1	31.9	855	3
CHAMPION	64A15 DG VT2	VT2P,DG,B	114	238.5	24.7	2	31.9	815	8
NK BRAND	NK1573-3330-EZR	3330,B	115	237.7	23.4	1	32.9	822	5
GREEN VALLEY	GV8392VT2PRORIB	VT2P,B	113	236.3	21.7	1	30.9	829	4
GREEN VALLEY	GV8472VT2PRORIB	VT2P,B	114	235.5	22.5	1	30.9	820	7
WYFFELS	W7696RIB	VT2P,B	113	233.3	24.5	1	30.9	799	11
LATHAM	LH6285VT2PRIB	VT2P	112	232.9	21.1	1	30.9	821	6
DYNA-GRO	D52VC63	VT2P	112	232.5	23.4	1	30.9	804	10
FEDERAL	6280VT2PRIB	VT2P,B	112	232.4	22.4	1	31.9	811	9
AUGUSTA	A6162	3220,B	112	232.3	24.4	1	29.9	796	14
FS INVISION	FS 64SV1 RIB	VT2P,B	114	231.7	23.8	1	30.9	798	13
RENK	9-115SSTX	STX	115	230.9	25.4	1	31.9	785	17
LATHAM	LH6477VT2PRIB	VT2P,B	114	230.1	23.6	1	32.9	794	15
GREEN VALLEY	GV8282VT2PRORIB	VT2P,B	112	229.9	22.8	1	32.9	799	12
FS INVISION	FS 6595V RIB	VT2P,B	115	227.9	24.0	1	31.9	784	18
WYFFELS	W7726	VT2P	113	225.1	23.1	1	30.9	781	19
HOEGEMEYER	8414 AM	AM,B	114	223.8	22.5	1	30.9	780	20
WYFFELS	W8936DG	VT2P,DG,B	117	223.5	25.0	1	30.9	762	29
KRUGER	K1611DP	VT2P,B	116	223.4	22.5	1	29.9	779	22
HOEGEMEYER	8382 AM	AM,B	113	223.3	22.2	1	30.9	780	21
RENK	RK945DGV2P	VT2P,DG,B	115	221.7	22.8	1	31.9	770	24
TITAN PRO	82-14 2P	VT2P,B	114	221.5	22.1	1	31.9	774	23
NK BRAND	NK1205-3120-EZR	3120,B	112	221.5	22.7	1	31.9	770	25
LATHAM	LH6317VT2PDGRIB	VT2P,DG,B	113	221.4	24.8	1	31.9	757	30
FS INVISION	FS 63ZV1 RIB	VT2P,B	113	221.1	22.7	1	32.9	769	27
KRUGER	K1204SS	STX,B	112	219.1	21.6	1	31.9	770	26
NUTECH	71C1PCR	PC,B	112	217.9	23.1	1	30.9	756	31
RENK	RK937VT2P	VT2P,B	113	216.4	20.9	1	32.9	765	28
DEKALB	DKC61-98RIB CK	VT2P,B	111	222.7	20.8	1	30.9	788	16
				Averages =	221.5	23.9	1	31.4	763
				LSD (0.10) =	7.6	1.1	ns		
				LSD (0.25) =	4.0	0.6	ns		
				C.V. =	3.2				

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

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

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® TRIsect (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.