

2018 Corn Grain Top 30 Performance Summary for Iowa South [IASO]



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

Early-Season Test

106 - 111 Day CRM

B2018IASOa

Top 30 of 45

For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Bloomfield	Clarinda		Farragut		Lineville
				Bu/A	%	%	\$/A	Rank		Cambria	Danville			
Kruger	K1005DP	VT2P,B	110	236.4	16.4	2	703	1	217.0	226.5	223.1	251.2	264.4	120.8
Wyffels	W6956	VT2P	111	235.0	17.1	1	695	2	183.5	250.0	211.3	272.7	257.6	149.8
Champion	61A19VT2ProRIB	VT2P	111	233.8	17.2	2	691	3	210.9	251.9	218.1	236.6	251.7	138.3
LG Seeds	LG5606STXRIB	STX,B	111	231.9	17.1	2	686	4	199.7	239.8	234.8	226.5	258.5	131.3
NuTech/G2 Gen	5FB-1010	AM,B	110	226.4	17.0	3	670	6	198.8	237.6	205.4	224.9	265.3	159.1
Latham	LH6069SSRIB	STX,B	110	226.0	16.9	2	670	7	196.8	232.3	220.5	234.6	245.6	141.2
NuTech/G2 Gen	5FB-9909	AM,B	109	225.6	16.4	2	671	5	215.2	227.3	213.4	234.8	237.2	142.2
Kruger	K0807SS	STX,B	108	224.9	16.2	2	670	8	198.7	227.1	220.8	226.3	251.8	142.2
Latham	LH5965VT2ProRIB	VT2P,B	109	224.9	16.5	4	669	9	203.6	220.6	215.7	240.6	243.9	142.2
Titan Pro	82-09 2P	VT2P,B	109	223.8	17.1	2	662	10	188.6	228.8	218.3	228.1	255.2	142.2
Channel	210-79STXRIB	STX,B	110	223.0	16.8	2	661	11	199.5	234.5	207.4	225.9	247.5	142.2
FS InVISION	FS 60UX1 RIB	STX,B	110	222.1	17.0	2	657	12	197.7	221.4	223.9	220.6	246.8	142.2
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	109	220.7	16.4	5	657	13	187.8	230.4	218.4	208.4	258.6	142.2
Wyffels	W5516RIB	VT2P,B	108	219.4	16.7	2	651	14	182.8	232.2	213.7	233.4	235.1	142.2
Latham	LH5819SSRIB	STX,B	108	219.3	16.8	1	650	15	200.2	222.1	201.0	241.7	231.3	142.2
Kruger	K4R-9111	STX,B	111	219.3	17.4	2	647	18	201.4	232.2	205.5	204.3	253.1	142.2
Channel	208-23VT2PRIB	VT2P,B	108	218.9	16.8	2	649	16	189.4	220.8	213.6	217.9	253.0	142.2
NuTech/G2 Gen	5FN-8808	OI	108	218.6	16.6	1	649	17	194.7	229.1	203.2	231.6	234.5	142.2
FS InVISION	FS 59VL1 EZR	3220,B	109	218.0	16.7	5	647	19	197.2	214.9	197.7	225.8	254.4	142.2
Golden Harvest	G08D29-3120A-EZR	3120,A,B	108	217.9	16.8	2	646	20	209.6	207.2	201.3	218.1	253.5	142.2
Augusta	A4658GT3220	3220	108	217.6	16.8	3	645	21	205.0	232.4	205.9	205.4	239.3	142.2
NuTech	5VN-4707	3111	107	217.1	16.5	2	645	22	188.8	223.0	213.4	213.9	246.6	142.2
Dyna-Gro	D49VC70	VT2P	109	216.8	16.8	2	643	23	184.9	230.8	201.3	217.4	249.8	142.2
Wyffels	W6408	STX	110	216.1	16.8	2	641	24	212.7	218.0	200.8	210.6	238.6	142.2
Wyffels	W6896RIB	VT2P,B	110	215.9	16.8	2	640	25	195.8	226.3	212.3	213.8	231.5	142.2
Renk	RK871VT2P	VT2P,B	111	215.5	16.7	3	639	26	173.8	217.7	202.3	216.9	266.8	116.2
Pfister	69E2SSR	STX,B	109	215.0	16.9	2	637	27	198.2	224.2	212.6	212.9	227.2	152.2
Green Valley	GV8182VT2PRORIB	VT2P,B	111	213.3	16.7	2	633	30	174.3	226.4	192.4	232.9	240.6	142.8
Pfister	70A1SSR	STX,B	110	212.8	16.1	2	635	28	184.1	202.8	202.7	214.3	260.3	165.7
Federal	5885VT2PRIB	VT2P,B	108	212.8	16.3	2	634	29	194.9	221.9	206.4	212.4	228.2	149.4
Pioneer	P1197AMXT CK	AMXT,B	111	212.8	16.7	2	631	32	194.1	221.7	207.4	227.1	213.9	180.6
Averages =				216.8	16.7	2	643		192.6	223.5	205.6	221.5	241.1	143.5
LSD (0.10) =				8.9	0.3	ns			12.3	13.9	14.2	14.5	15.2	26.2
LSD (0.25) =				4.7	0.2	ns			6.4	7.3	7.4	7.6	8.0	13.7

Data Rejected - Not in Summary

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Previous years average yield for region, 197.0 bu/a, 7 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.01 GMO; \$3.01 non-GMO

† See last page for additional information. Dark shaded 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 test grain moisture limit. ns = not significantly different; ‡ = 2 reps.

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Report Date: 10/05/2018

Revised:

2018 Corn Grain Top 30 Performance Summary for Iowa South [IASO]



Full-Season Test

112 - 116 Day CRM

B2018IASOb

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For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/A	Rank	Bloomfield	Cambria	Clarinda	Danville	Farragut	Lineville
Champion	CSX64A15DGV2ProRIB	VT2P,DG,B	114	236.3	18.4	1	691	1	215.6	251.2	213.0	248.7	252.8	177.2
Kruger	K1501SS	STX,B	115	230.2	18.4	4	673	2	208.3	255.3	229.9	223.2	234.2	162.7
NuTech/G2 Gen	5FB-4516	AM,B	116	228.9	18.5	1	669	3	210.7	240.4	220.9	237.3	235.0	165.0
Champion	62A18VT2ProRIB	VT2P,B	112	227.2	17.8	3	668	4	221.3	247.6	228.4	224.7	214.2	152.7
Dyna-Gro	D55VC45	VT2P	115	226.6	17.9	5	666	5	197.2	244.9	228.9	223.9	238.3	153.8
Channel	215-75STXRIB	STX,B	115	226.2	17.8	2	665	6	211.4	241.9	220.8	230.9	226.0	151.0
Federal	6680VT2PRIB	VT2P,B	116	225.1	18.7	1	657	9	201.2	227.4	238.2	236.0	222.9	152.2
Latham	LH6285VT2Pro	VT2P	112	224.3	17.2	3	663	7	210.4	237.6	228.4	202.1	243.2	151.0
Kruger	K4R-9116	STX,B	116	223.5	18.7	2	652	12	222.6	237.3	208.9	210.9	238.0	151.0
Channel	213-19STXRIB	STX,B	113	223.4	18.2	4	655	10	187.3	238.4	233.7	240.5	217.0	151.3
Kruger	K1204DP	VT2P,B	112	223.0	16.9	3	661	8	197.3	232.3	199.2	230.2	255.8	151.0
Dyna-Gro	D52VC63	VT2P	112	222.0	17.5	3	654	11	217.7	245.8	214.0	219.4	213.0	151.0
Pfister	75Y1PCR	PC,B	115	222.0	18.6	2	648	16	202.2	223.8	229.1	212.5	242.6	151.2
Latham	LH6477VT2Pro	VT2P	114	221.0	18.8	2	644	20	214.9	235.4	207.0	229.9	217.6	151.0
Titan Pro	82-14 2P	VT2P,B	114	220.7	18.3	5	646	17	198.7	225.0	226.0	232.9	220.7	151.0
Renk	RK965VT2P	VT2P,B	116	220.7	18.7	2	644	21	212.1	240.1	211.2	224.1	216.0	151.7
Augusta	A4465GT3111	3111	114	220.5	18.2	3	646	18	212.9	220.8	233.7	211.6	223.5	151.0
NuTech/G2 Gen	5FN-2213	OI	113	220.4	17.3	2	651	13	194.8	245.5	212.0	217.3	232.6	151.7
LG Seeds	LG62C02STX	STX	112	220.4	17.6	2	649	14	191.8	240.7	219.1	217.2	233.0	151.0
Pfister	72C6SSR	STX,B	112	219.9	17.4	3	649	15	228.1	231.3	195.5	216.4	228.3	151.3
NuTech	5NN-8812	3000GT	112	219.2	18.2	3	642	23	187.0	224.3	196.7	231.0	256.9	151.3
Latham	EX6355VT2Pro	VT2P	113	219.0	18.0	2	643	22	216.2	220.1	201.6	235.5	221.6	151.7
Federal	6290VT2P	VT2P	112	218.7	17.2	3	646	19	183.7	261.4	197.6	211.3	239.7	151.7
LG Seeds	LG5643STXRIB	STX,B	114	217.7	17.8	3	640	24	192.6	234.9	200.6	207.8	252.4	151.5
Wyffels	W7456RIB	VT2P,B	112	217.7	18.0	2	639	25	197.4	234.8	207.1	241.9	207.4	151.3
Golden Harvest	G13T41-3010	3010	113	217.5	18.1	2	638	27	196.1	214.9	202.4	231.7	242.3	85.9
Kruger	K4R-9814	STX,B	114	217.1	17.6	1	639	26	216.4	239.8	199.7	216.2	213.4	151.3
LG Seeds	LG5650STXRIB	STX,B	115	216.9	18.1	3	636	29	215.0	208.7	218.1	209.8	233.1	190.8
Dyna-Gro	D54VC14	VT2P	114	216.6	17.9	4	636	30	175.6	226.7	232.2	214.9	233.5	122.7
Golden Harvest	G13Z50-3110	3110	113	215.4	17.2	5	637	28	190.8	223.5	204.7	221.6	236.2	158.5
Pioneer	P1197AMXT CK	AMXT,B	111	211.7	16.7	1	628	39	193.2	222.3	210.6	230.0	202.3	173.3

Data Rejected - Not in Summary

Averages =	216.0	17.9	3	635	200.5	229.9	208.5	218.0	222.9	162.7
LSD (0.10) =	11.8	0.4	ns		18.7	17.1	19.8	20.6	22.7	44.1
LSD (0.25) =	6.2	0.2	ns		13.1	11.9	13.8	14.4	15.8	30.7

Previous years average yield for region, 197.0 bu/a, 7 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.01 GMO; \$3.01 non-GMO

† See last page for additional information. Dark shaded 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 test grain moisture limit. ns = not significantly different; ‡ = 2 reps.

Full-Season Test Products (60 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Augusta	A4465GT3111	3111	AVC,C5	114
Champion	62A18VT2ProRIB	VT2P,B	AC,P2	112
Champion	66A18VT2ProRIB	VT2P,B	AC,P2	116
Champion	CSX64A15DGV2ProRIB	VT2P,DG,B	AC,P2	114
Champion	CSX65A17VT2ProRIB	VT2P,B	AC,P2	115
Channel	213-19STXRIB	STX,B	AC,P5V	113
Channel	214-45DGV2PRIB	VT2P,DG,B	AC,P2	114
Channel	215-75STXRIB	STX,B	AC,P5V	115
Channel	216-36DGV2P	VT2P,DG,B	AC,P2	116
Dyna-Gro	D52VC63	VT2P	AC,P5V	112
Dyna-Gro	D54VC14	VT2P	AC,P5V	114
Dyna-Gro	D55VC45	VT2P	AC,P5V	115
Federal	6280VT2PRIB	VT2P,B	AC,P2	112
Federal	6290VT2P	VT2P	AC,P5V	112
Federal	6580VT2PRIB	VT2P,B	AC,P2	115
Federal	6680VT2PRIB	VT2P,B	AC,P2	116
FS InVISION	FS 62ZX1 RIB	STX,B	AC,P5V	112
FS InVISION	FS 63ZX1 RIB	STX,B	AC,P5V	113
FS InVISION	FS 64SX1 RIB	STX,B	AC,P5V	114
FS InVISION	FS 66ZV1 RIB	VT2P,B	AC,P2	116
Golden Harvest	G11A33-3111	3111	AVC,C5,Vi	111
Golden Harvest	G13T41-3010	3010	AVC,C5,Vi	113
Golden Harvest	G13Z50-3110	3110	AVC,C5,Vi	113
Golden Harvest	G15L32-3000GT	3000GT	AVC,C5,Vi	115
Green Valley	GV8282VT2PRORIB	VT2P,B	AC,P2	112
Green Valley	GV8362VT2PRORIB	VT2P,B	AC,P2	113
Kruger	K1204DP	VT2P,B	AC,P2	112
Kruger	K1501SS	STX,B	AC,P5V	115
Kruger	K4R-9116	STX,B	AC,P5V	116
Kruger	K4R-9814	STX,B	AC,P5V	114
Latham	EX6355VT2Pro	VT2P	AC,P5V	113
Latham	LH6285VT2Pro	VT2P	AC,P5V	112
Latham	LH6317VT2ProDGRIB	VT2P,DG,B	AC,P2	113
Latham	LH6477VT2Pro	VT2P	AC,P5V	114
LG Seeds	LG5643STXRIB	STX,B	AC,P5V	114
LG Seeds	LG5650STXRIB	STX,B	AC,P5V	115
LG Seeds	LG62C02STX	STX	AC,P5V	112
NK Brand	NK1433-3120-EZR	3120,B	AVC,C5,Vi	114
NK Brand	NK1573-3110	3110	AVC,C5,Vi	115
NuTech	5NN-8812	3000GT	CM,C2,R,Lu,ln	112
NuTech/G2 Gen	5FB-4516	AM,B	CM,C2,R,Lu	116
NuTech/G2 Gen	5FB-6313	AM,B	CM,C2,R,Lu	113

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
NuTech/G2 Gen	5FN-2213	OI	MQ,P5V,R	113
NuTech/G2 Gen	5LB-7215	AMXT,B	CM,C2,R,Lu	115
Pfister	2874PCR	PC,B	CM,C5,Vi,ln	113
Pfister	72C6SSR	STX,B	CM,C5,Vi,ln	112
Pfister	74D2PE	PC,E	CM,C5,Vi,ln	114
Pfister	75Y1PCR	PC,B	CM,C5,Vi,ln	115
Pioneer	P1197AMXT CK	AMXT,B	MQ,P1V	111
Pioneer	P1311AMXT GC	AMXT,B	MQ,P1V	113
Pioneer	P1417AMX GC	AMX,B	MQ,P1V,R	114
Renk	RK842SSTX	STX	AC,P5V	112
Renk	RK859DGV2P	VT2P,DG,B	AC,P2	112
Renk	RK961VT2P	VT2P,B	AC,P2	116
Renk	RK965VT2P	VT2P,B	AC,P2	116
Titan Pro	82-14 2P	VT2P,B	AC,P2	114
Wyffels	W7456RIB	VT2P,B	AC,P5V	112
Wyffels	W7696RIB	VT2P,B	AC,P5V	113
Wyffels	W7976RIB	VT2P,B	AC,P5V	113
Wyffels	W8646RIB	VT2P,B	AC,P5V	116

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks 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*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Boreer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	D	Dynasty®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
A	Allegiance®	Es	Escalate®	R	Raxil®
AC	Acceleron® fungicide products	HC	Hefty Complete	Sa	Sativa™
AL2500	Alert 2500	In	Intego™ Solo	Se	Sebring™
At	Actellic®	L	Lorsban®	Sn	Senator™
AVC	Avicta® Complete Corn	Lu	Lumivia™	Sp	Spirato™
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	M	Maxim XL®	SC	SHIELDCoat™
CE	Cruiser Xtreme®	MQ	Maxim Quattro®	V	Votivo®
CM	CruiserMaxx® Corn	None	untreated	Vi	Vibrance®

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