

2017 Corn Grain Top 30 Performance Summary for Iowa South [IASO]



Early-Season Test

105 - 110 Day CRM

B2017IASOa

Top 30 of 42

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Clarinda	Fairfield			Lineville	Moravia
				Bu/A ↓	%	%	\$/A	Rank		Danville	Farragut	Moravia		
Dyna-Gro	D50VC30	VT2P	110	239.0	16.3	1	724	1	206.9	233.2	272.9	255.4	226.8	135.7
Latham	LH5965VT2ProRIB	VT2P,B	109	234.0	16.5	2	707	2	190.9	233.1	287.1	239.3	219.8	190.3
Pfister	70A1SSR	STX,B	110	232.4	16.4	2	703	3	205.3	238.6	250.6	244.2	223.4	190.6
Channel	208-23STXRIB	STX,B	108	231.4	16.8	1	698	4	214.2	222.1	264.8	242.1	214.0	160.6
Wyffels	W6896	VT2P	110	230.8	17.2	2	694	6	203.1	245.3	245.0	250.1	210.6	117.5
LG Seeds	LG5590VT2P	VT2P	110	230.6	16.8	1	695	5	211.0	211.7	246.9	263.6	219.9	187.8
Wyffels	W6946DGRIB	VT2P,DG,B	111	229.8	17.0	1	692	8	193.0	252.4	245.0	238.3	220.3	197.6
Channel	207-27STXRIB	STX,B	107	229.4	16.4	1	694	7	204.3	231.4	242.3	255.4	213.6	193.9
Augusta	A4658GT3110	3110	108	229.2	17.1	1	689	10	210.1	217.5	263.6	243.3	211.5	188.2
Golden Harvest	G09A86-3111	3111	109	229.1	16.7	1	691	9	220.2	225.5	233.3	254.9	211.5	201.8
Latham	LH6045VT2ProRIB	VT2P,B	110	228.8	17.0	2	689	11	214.3	242.3	227.9	235.5	223.9	192.8
AgriGold	A640-77VT2PRO	VT2P	110	228.5	17.3	1	686	13	196.5	238.7	253.2	227.9	226.3	127.3
FS InVISION	FS 60LX1 RIB	STX,B	110	228.1	16.5	2	689	12	196.3	250.2	243.4	235.6	214.8	197.3
NuTech/G2 Gen	5FB-1010^	AM,B	110	226.1	16.5	2	683	15	204.9	219.9	256.5	232.7	216.3	167.8
Prairie Brand	6097RA	STX,B	110	225.1	16.6	1	680	16	191.7	228.7	238.1	249.5	217.3	187.3
NuTech/G2 Gen	5F-308^	AM,B	108	224.7	16.8	1	677	17	190.8	228.4	246.3	240.6	217.4	177.3
Renk	RK810SSTX	STX,B	110	224.7	17.0	1	676	19	202.4	229.2	238.9	240.1	213.0	187.3
NuTech/G2 Gen	5F-510^	AM,B	110	224.3	16.6	1	677	18	198.1	222.2	235.7	262.7	202.7	208.6
NuTech	5N-410	3000GT	110	224.2	16.9	1	675	21	210.8	214.5	240.3	248.6	206.8	177.8
Pfister	68A1RR	RR2	108	223.6	16.5	1	676	20	222.9	199.1	241.1	249.7	204.9	182.2
Titan Pro	TP 66-10 2P	VT2P,B	110	223.4	16.6	1	675	22	228.5	213.7	240.4	237.1	197.5	157.8
NuTech	5VN-4707	3111	107	221.8	16.0	1	673	23	215.0	227.1	230.9	248.0	187.9	182.8
FS InVISION	FS 60QV1 RIB	VT2P,B	110	221.4	16.5	1	669	24	204.3	213.9	229.4	251.3	208.0	207.8
Federal	6080VT2P	VT2P	110	221.3	16.6	2	668	25	210.9	230.0	245.4	220.7	199.7	127.3
FS InVISION	FS 59VL1 EZR	3220,B	109	221.3	17.2	1	665	26	217.3	207.7	232.9	235.9	212.8	177.9
Channel	210-26STXRIB	STX,B	110	220.8	17.0	1	665	27	195.1	222.3	231.3	240.6	214.7	190.7
Pioneer	P0825AMXT GC	AMXT,B	108	219.5	16.6	1	663	28	187.4	220.4	236.1	243.6	210.1	188.5
Kruger	K4R-9610	STX,B	110	219.2	17.2	2	659	30	205.5	218.8	215.2	254.0	202.3	176.9
AgriGold	A639-40VT2PRO	VT2P	109	218.8	16.7	1	660	29	204.8	204.6	229.9	244.7	210.0	195.4
NK Brand	NK0576-3010	3010	105	217.1	16.0	1	659	31	206.8	228.9	235.6	222.7	191.4	160.8
Pioneer	P1197AMXT CK	AMXT,B	111	227.8	16.9	1	686	14	213.7	214.6	254.2	245.9	210.5	187.8

Data Rejected - Not in Summary

Randy Meinsma

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Averages =	222.1	16.6	1	670	202.5	221.6	239.1	239.2	207.9	174.5
LSD (0.10) =	6.1	0.2	ns		12.6	10.0	12.5	11.4	16.7	ns
LSD (0.25) =	3.2	0.1	0		6.6	5.3	6.5	6.0	8.7	ns

Previous years average yield for region, 184.6 bu/a, 6 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.06 GMO; \$3.06 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: 11/16/2017

Revised:

2017 Corn Grain Top 30 Performance Summary for Iowa South [IASO]



Full-Season Test

111 - 116 Day CRM

B2017IASOb

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Clarinda	Fairfield		Lineville		
				Bu/A ↓	%	%	\$/A	Rank		Danville	Farragut	Moravia		
FS InVISION	FS 63ZX1 RIB	STX,B	113	242.3	17.8	1	724	1	224.6	232.1	275.5	265.4	213.9	226.1
Federal	6580SSTAX	STX	115	240.9	18.6	2	715	4	233.4	238.0	258.8	264.1	210.1	181.8
LG Seeds	LG5618STXRIB	STX,B	112	240.8	17.8	1	720	2	246.2	204.8	269.7	256.3	226.8	208.1
Renk	RK941SSTX	STX,B	114	240.1	17.9	1	717	3	208.2	227.1	272.6	263.4	229.2	217.6
Channel	215-75STXRIB	STX,B	115	237.8	18.1	1	709	5	249.1	197.9	263.8	253.1	225.0	228.8
Dyna-Gro	D54VC52	VT2P	114	237.6	18.2	3	708	6	188.0	218.1	291.5	253.8	236.8	216.6
AgriGold	A6499STXRIB	STX,B	112	236.1	18.1	1	704	7	233.7	211.3	263.1	258.6	213.7	208.1
NuTech/G2 Gen	X5FN-1512^	OI	115	234.4	18.3	1	698	10	222.7	214.1	267.1	257.1	211.0	149.2
Wyffels	W8268RIB	STX,B	116	234.0	17.9	1	699	9	208.6	220.7	263.2	256.9	220.4	193.2
Titan Pro	TP 74-12 SS	STX	112	233.6	17.5	2	700	8	211.5	221.3	268.6	246.4	220.2	216.6
Pfister	71C1PCR	PC,B	111	233.6	17.9	1	698	11	238.1	222.7	248.4	239.4	219.3	216.6
Pfister	72C6SS	STX	112	233.1	17.9	1	696	13	208.5	221.9	270.6	233.4	231.3	216.6
FS InVISION	FS 66ZV1 RIB	VT2P,B	116	232.8	17.9	2	695	14	210.2	220.6	263.0	253.1	217.1	216.6
Federal	6280SSTAX	STX	112	232.5	17.3	3	698	12	212.1	225.7	261.2	251.9	211.6	216.6
Channel	213-19STXRIB	STX,B	113	232.0	18.2	1	691	16	213.3	222.6	255.1	252.4	216.5	216.6
Kruger	K4R-9116	STX,B	116	231.8	19.1	3	686	24	224.0	202.2	263.3	256.2	213.2	177.7
Champion	CSX64A17SSRIB	STX,B	114	231.7	18.1	1	691	17	201.5	200.3	272.7	260.8	223.4	216.6
Wyffels	W7456RIB	VT2P,B	112	231.3	18.0	1	690	18	213.6	214.9	258.8	250.0	219.0	193.2
Kruger	K4R-9111	STX,B	111	230.6	17.9	1	689	19	196.7	216.0	257.2	245.9	237.1	208.1
Renk	RK924DGV2P	VT2P,DG,B	114	230.4	18.0	3	688	20	219.4	185.2	259.0	263.2	225.3	216.6
LG Seeds	LG5650VT2PRIB	VT2P,B	115	229.8	17.6	1	688	21	209.9	214.0	274.2	268.5	182.5	193.2
AgriGold	A6572VT2RIB	VT2P,B	114	229.8	17.7	1	688	22	213.9	203.6	276.3	248.4	206.6	193.2
Dyna-Gro	D52VC63	VT2P	112	229.8	17.8	1	687	23	228.0	213.7	270.6	239.8	196.8	216.6
Channel	216-36STXRIB	STX,B	116	229.5	17.9	1	686	25	216.2	210.2	241.2	265.1	214.7	193.2
Titan Pro	TP 68-14 SS	STX,B	114	229.0	17.9	1	684	26	202.8	201.0	268.9	250.9	221.5	193.2
Renk	RK961VT2P	VT2P,B	116	228.0	17.6	2	683	27	203.6	189.1	244.9	266.9	235.3	203.5
Pfister	73A2SSR	STX,B	113	227.8	17.6	1	682	28	195.1	212.1	254.5	253.5	224.0	164.7
NuTech/G2 Gen	X5FN-1306^	OI	113	227.2	17.9	2	679	29	205.8	191.5	273.2	270.8	194.9	193.2
Titan Pro	TP 71-12 DG2P	VT2P,DG,B	112	225.3	17.1	2	678	31	193.1	199.4	286.1	250.3	197.6	182.8
Champion	CSX63A17DGV2PRO	VT2P,DG	113	225.2	16.8	1	679	30	173.6	223.8	261.0	250.6	216.8	212.0
Pioneer	P1197AMXT CK	AMXT,B	111	230.3	17.0	2	693	15	216.2	218.5	254.2	254.2	208.3	193.2

Data Rejected - Not in Summary

Randy Meinsma

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Averages =	226.4	17.8	2	677	205.6	206.3	259.6	250.4	210.3	191.7
LSD (0.10) =	6.7	0.3	1		19.2	13.4	12.2	13.1	13.5	ns
LSD (0.25) =	3.5	0.2	1		10.1	7.0	6.4	6.9	7.1	ns

Previous years average yield for region, 184.6 bu/a, 6 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.06 GMO; \$3.06 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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Revised:

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	^ G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. HPT® brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, Power Plus®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.
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)	GT	Agrisure® GT
3010	Agrisure® 3010 (CB,LL,GT)	HX	Herculex® 1, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink®
3120	Agrisure® 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure® Artesian®	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum® AcreMax® TRIssect (HX,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure® Rootworm
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax® (VT3P,HXT,RR2,LL)
AQ	Optimum® AQUAMax®	VT2P	Genuity® VT Double PRO®
B	Refuge Blend	VT3P	Genuity® VT Triple PRO®
CB	Agrisure® Corn Borer	YGCB	YieldGard® Corn Borer
DG	Genuity® DroughtGard®		

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

Corn Seed Treatments**

?	information unavailable	CM	CruiserMaxx® Corn	None	untreated
A	Allegiance®	D	Dynasty®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AC	Acceleron® fungicide products	Es	Escalate®	R	Raxil®
AL2500	Alert 2500™	In	Intego™ Solo	SC	SHIELDCoat™
At	Actellic®	L	Lorsban®	V	Votivo®
AVC	Avicta® Complete Corn	Lu	Lumivia™	Vi	Vibrance®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	M	Maxim XL®		
CE	Cruiser Extreme®	MQ	Maxim Quattro®		

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