

2016 Corn Grain Top 30 Performance Summary for Iowa West Central [IAWC]



Early-Season Test

105 - 110 Day CRM

B2016IAWCa

Top 30 of 60

For Gross Income (Sorted by Yield), (18) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Anita	Dunlap	Oakland	Slater	Winterset	Yale
				Bu/A ↓	%	%	\$/A	Rank						
Curry	729-96AM	AM,B	109	233.4	17.1	1	680	3	260.3	203.0	259.8	219.6	213.3	244.3
Titan Pro	TP 66-10 2P	VT2P,B	110	233.2	16.7	1	683	2	276.0	209.2	244.7	215.7	224.4	228.9
Augusta	A1108VT2ProRIB	VT2P,B	108	232.0	16.8	1	678	4	276.5	204.5	242.2	216.7	209.5	242.3
Pioneer	P0825AMXT	AMXT,B	108	231.0	17.2	1	672	5	240.3	224.0	243.3	225.4	211.3	241.6
NuTech/G2 Gen	5F-510^	AM,B	110	231.0	17.5	1	669	11	256.9	215.4	243.7	225.5	219.1	225.6
Wyffels	W6946DGRIB	VT2P,DG,B	111	230.5	17.1	1	671	6	271.2	194.4	246.9	223.9	208.3	238.0
NuTech	5N-410	3000GT	110	230.2	17.2	1	670	9	271.7	207.7	227.5	208.8	216.4	249.3
Titan Pro	TP 58-10 SS	STX,B	110	230.1	17.0	1	671	7	269.7	227.4	233.9	221.0	211.2	217.3
Kruger	K4R-9708	STX,B	108	229.4	16.8	1	671	8	270.7	215.6	211.4	222.3	225.8	230.4
Latham	LH5965VT2Pro	VT2P	109	228.7	16.6	1	670	10	269.0	206.1	238.0	223.1	210.8	225.2
Dyna-Gro	D49VC39RIB	VT2P,B	109	228.6	17.1	1	666	12	277.9	230.2	232.8	218.9	191.5	220.4
Renk	RK792SSTX	STX	108	227.1	16.6	1	666	13	262.6	219.1	228.3	203.5	218.2	230.7
Latham	LH5885VT2ProRIB	VT2P,B	108	226.6	16.9	1	662	14	264.9	186.4	251.6	217.1	205.2	234.1
NuTech/G2 Gen	5F-906^	AM,B	106	226.2	16.8	1	661	15	245.1	220.9	253.9	221.9	194.0	221.3
Renk	RK776SSTX	STX,B	107	225.3	17.0	1	657	16	273.0	206.1	237.1	197.5	222.4	215.7
Latham	LH6045VT2ProRIB	VT2P,B	110	224.9	17.0	1	656	17	278.5	200.6	224.8	219.9	206.1	219.4
Pfister	69B1VX	HXT,RR2	109	224.8	17.2	3	654	18	238.7	210.5	244.5	208.9	216.8	229.4
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	223.5	17.0	1	652	21	254.4	181.4	232.0	223.8	221.5	227.7
LG Seeds	LG5548STXRIB	STX,B	108	223.4	17.2	1	650	23	257.3	218.7	233.8	212.9	212.4	205.3
Champion	CSX56A13VT2ProRIB	VT2P,B	106	223.3	16.7	1	654	19	260.7	223.5	216.9	212.3	198.6	228.0
Kruger	K4R-9608	STX,B	108	223.1	16.7	1	653	20	261.8	208.3	206.7	233.0	202.6	225.9
Becks	5828AM^	AM,AQ,B	110	223.0	16.9	1	651	22	260.7	192.8	222.6	219.4	226.4	216.3
NuTech/G2 Gen	5F-308^	AM,B	108	222.9	17.1	1	649	25	247.4	164.8	245.2	208.0	228.5	243.5
NuTech	X5V-0707	3111	107	221.8	16.6	1	650	24	260.6	187.8	248.7	215.1	192.1	226.2
LG Seeds	LG5554-3111	3111	108	221.7	16.8	2	648	26	253.9	202.7	233.0	219.6	208.7	212.3
Curry	826-64AMX	AMX,B	106	221.6	16.9	1	647	27	260.7	187.7	243.9	203.6	208.5	225.1
FS InVISION	FS 60QV1 RIB	VT2P,B	110	221.4	17.0	1	646	28	245.8	187.2	234.7	215.8	213.5	231.5
Champion	CSX59A16SSRIB	STX,B	109	221.2	17.1	1	644	30	256.0	219.8	217.2	205.1	204.0	225.2
Augusta	A4658GT3110	3110	108	221.2	17.1	1	644	31	271.3	197.7	204.3	207.0	213.5	233.2
Renk	RK810SSTX	STX,B	110	221.1	16.9	1	646	29	259.8	227.3	219.0	199.9	203.8	216.6
Pioneer	P1197AMXT CK	AMXT,B	111	236.2	17.4	2	685	1	273.9	241.3	255.5	203.3	213.9	229.4

Averages =	220.4	16.9	2	644	256.9	202.2	225.8	213.3	203.6	220.3
LSD (0.10) =	13.1	0.4	ns		16.0	17.2	22.8	14.0	18.7	14.9
LSD (0.25) =	9.2	0.3	ns		11.1	12.0	15.9	9.8	13.0	10.4

Previous years average yield for region, 198.5 bu/a, 16 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.037 Prices = \$2.99 GMO; \$2.99 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: 11/09/2016

Revised:

2016 Corn Grain Top 30 Performance Summary for Iowa West Central [IAWC]



Full-Season Test
111 - 114 Day CRM
B2016IAWCb

Top 30 of 60
For Gross Income (Sorted by Yield), (18) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income		Anita	Dunlap	Oakland	Slater	Winterset	Yale
							\$/A	Rank						
FS InVISION	FS 63ZX1 RIB	STX,B	113	245.5	18.2	1	705	1	287.1	237.1	243.4	238.3	225.3	241.8
Wyffels	W7888RIB	STX,B	114	245.0	18.1	1	704	2	282.2	251.6	238.0	251.2	219.2	227.5
Wyffels	W7456RIB	VT2P,B	112	243.7	18.4	1	698	3	280.5	202.8	266.4	247.0	228.0	237.2
Kruger	K4R-9913	STX,B	113	242.8	18.1	1	698	4	275.8	216.0	274.2	229.3	220.3	241.4
Jacobsen Seed	JS7748VT2PRO	VT2P	114	242.6	18.3	1	696	5	281.6	213.6	266.0	242.2	229.3	222.7
Wyffels	W7696RIB	VT2P,B	113	240.2	17.7	1	694	6	272.8	212.1	276.1	213.3	219.3	247.3
LG Seeds	LG5618STXRIB	STX,B	112	240.1	18.2	1	689	10	270.3	233.7	247.2	245.0	223.2	221.2
Kruger	K4R-9811	STX,B	111	240.0	17.7	1	694	7	276.1	231.0	243.4	228.4	238.6	222.4
Becks	6165AM^	AM,B	111	239.2	17.5	1	693	8	261.2	216.6	246.1	233.2	234.4	243.6
LG Seeds	LG5643STX	STX	114	238.5	17.9	1	688	11	275.1	225.9	256.2	216.2	221.0	236.4
Pfister	2770RASS	STX,B	113	238.0	18.3	2	683	13	259.7	222.8	267.9	237.7	206.5	233.5
FS InVISION	FS 64SX1 RIB	STX,B	114	237.2	18.1	1	682	15	284.9	223.2	249.6	214.2	218.9	232.3
Curry	732-99AM	AM,B	112	237.0	17.9	1	683	14	263.8	198.9	265.5	217.7	234.5	241.5
Titan Pro	TP 68-14 SS	STX	114	236.9	18.4	1	679	16	272.9	218.0	257.9	217.3	231.4	223.7
Champion	CSX63A17DGV2Pro	VT2P,DG	113	236.1	16.8	1	690	9	280.0	242.5	242.0	230.0	206.6	215.3
LG Seeds	LG5650STX	STX	114	236.0	18.5	1	675	21	265.0	249.6	249.5	218.4	194.9	238.8
NuTech/G2 Gen	5F-713^	AM,B	113	235.4	18.0	1	678	18	262.8	203.8	264.4	220.6	223.0	237.9
Jacobsen Seed	JS5706DGV2P	VT2P,DG,B	114	234.9	17.7	3	679	17	274.0	194.2	277.4	217.7	217.5	228.7
Renk	RK935SSTX	STX,B	114	234.7	17.9	1	677	19	261.5	234.2	250.7	218.7	210.1	232.9
Renk	RK941SSTX	STX,B	114	233.8	17.9	1	674	24	277.7	246.9	213.5	233.0	211.2	220.3
FS InVISION	FS 61SX1 RIB	STX,B	111	232.8	17.3	1	676	20	261.5	227.7	232.9	225.5	215.1	234.2
Kruger	K4R-9511	STX,B	111	232.4	17.4	1	674	25	276.2	201.7	245.0	212.2	228.5	230.5
Titan Pro	TP 57-13 SS	STX,B	113	232.4	17.9	1	670	30	271.8	221.8	223.5	232.3	217.4	227.6
Kruger	KR-4313	VT2P,B	113	232.3	17.3	1	675	22	264.0	207.7	234.7	238.7	216.8	231.9
Champion	CSX61A17DGV2Pro	VT2P,DG	111	232.0	17.2	1	675	23	263.7	211.2	235.4	234.7	216.3	230.9
FS InVISION	FS 62VX1	STX	112	231.7	17.4	1	672	27	266.1	211.0	243.8	210.9	226.3	232.2
Latham	LH6317VT2ProDGRIB	VT2P,DG,B	113	231.6	17.7	1	669	31	285.0	193.3	253.8	212.7	214.9	229.6
Latham	LH6175VT2ProRIB	VT2P,B	111	231.4	17.4	1	671	29	268.9	199.8	241.9	239.6	211.0	227.4
Titan Pro	TP 55-11 2P	VT2P,B	111	231.2	17.2	1	672	28	272.3	197.9	232.8	247.5	205.6	230.9
Jacobsen Seed	JS7611VT2PRO	VT2P	112	229.9	16.6	1	674	26	270.1	200.8	244.1	229.9	226.6	208.1
Pioneer	P1197AMXT CK	AMXT,B	111	236.4	17.6	1	684	12	271.5	241.9	257.3	207.4	210.5	229.7

Averages =	230.5	17.7	1	666	266.3	208.9	242.2	224.4	215.8	225.5
LSD (0.10) =	12.0	0.6	ns		12.5	19.3	18.3	14.0	14.6	13.4
LSD (0.25) =	8.4	0.4	ns		8.7	13.5	12.8	9.7	10.2	9.4

Previous years average yield for region, 198.5 bu/a, 16 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.037 Prices = \$2.99 GMO; \$2.99 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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
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)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Boreer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

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

Corn Seed Treatments**

n/a	information not provided	CE	Cruiser Extreme®	M	Maxim XL®
A	Allegiance®	CM	CruiserMaxx® Corn	MQ	Maxim Quattro®
AC	Acceleron® fungicide products	D	Dynasty®	None	untreated
ACHD	Acceleron® fungicide products	Es	Escalate®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
At	Actellic®	In	Intego™ Solo	R	Raxil®
AVC	Avicta® Complete Corn	L	Lorsban®	V	Votivo®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Lu	Lumivia™	Vi	Vibrance®

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