

2018 Corn Grain Top 30 Performance Summary for Iowa Northwest [IANW]



Test by: North Iowa F.I.R.S.T., Inc, Sanborn, IA

Early-Season Test

101 - 106 Day CRM

B2018IANWa

Top 30 of 78

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Albert City	Lu Verne		Paullina		
				↓ Bu/A ↓	%	%	\$/A	Rank	Emmetsburg	Moorland	Paullina	Remsen		
Latham	LH5505VT2ProRIB	VT2P,B	105	222.6	19.4	1	694	1	206.5	247.8	141.2	256.4	236.4	247.1
Hoegemeyer/HPT	7480AM	AM,B	104	220.1	19.6	2	685	2	204.1	258.5	154.4	215.5	224.8	263.4
LG Seeds	LG5525VT2RIB	VT2P,B	105	217.3	20.0	3	674	3	206.4	273.0	123.0	220.5	223.3	257.6
Latham	LH5635VT2ProRIB	VT2P,B	106	215.5	19.1	3	674	4	214.3	265.7	127.4	222.7	219.7	243.4
Cornelius	C478DP	VT2P	106	215.4	19.6	1	670	5	223.0	256.1	144.2	194.4	224.5	250.0
Pfister	64F1PE	PC,E	104	215.3	20.2	2	666	6	202.1	248.5	137.8	239.3	209.0	255.1
Golden Harvest	G05K08-3010A	3010,A	105	212.9	19.5	5	663	8	198.9	246.4	154.4	191.4	214.6	271.5
Wyffels	W4196RIB	VT2P,B	105	212.8	20.0	4	660	10	185.0	260.2	119.9	230.1	224.7	256.8
Pioneer	P0339AMXT GC	AMXT,AQ,B	103	212.7	19.2	2	664	7	203.1	242.6	132.4	225.2	212.1	261.0
Kruger	K4R-9704	STX,B	104	211.4	19.0	1	662	9	216.7	231.5	135.5	204.3	218.4	261.8
Viking	42-05	None	105	211.1	19.6	4	657	11	196.3	245.2	132.1	204.9	223.1	265.1
Dairyland	DS-7603PE	PC,E	103	210.9	20.4	3	651	16	217.5	247.0	131.9	210.3	209.2	249.7
Latham	LH5487VT2Pro	VT2P	104	210.0	19.3	2	655	13	183.5	247.7	123.8	217.6	214.5	272.9
Wyffels	W3488	STX	104	210.0	19.5	2	654	15	214.3	219.9	133.0	232.6	214.8	245.2
Wyffels	W3078RIB	STX,B	106	210.0	20.1	1	650	18	227.3	236.4	146.0	214.1	204.9	231.0
LG Seeds	LG53C50STX	STX	103	209.2	18.6	1	657	12	198.3	218.3	165.0	208.3	212.3	253.2
Miller Hybrids	M06-39	None	106	209.0	18.9	1	655	14	197.4	231.8	140.0	208.0	225.6	251.1
Federal	5570VT2PRIB	VT2P,B	105	208.4	19.6	2	649	20	204.1	237.1	131.2	211.6	213.9	252.5
Four Star	EX8505	VT2P	106	208.3	19.8	3	647	22	181.6	250.7	132.9	206.4	226.1	252.3
Champion	56A18VT2ProRIB	VT2P,B	106	208.2	19.5	1	649	21	216.8	247.4	133.6	204.5	207.9	239.1
Champion	53A19SSRIB	STX	103	207.2	19.5	1	645	24	205.2	234.8	119.4	216.0	206.5	261.0
Cornelius	C461SS	STX	106	207.1	19.6	1	644	26	201.4	235.3	136.5	214.8	203.7	250.9
Dekalb	DKC54-38RIB GC	STX,B	104	207.1	19.9	1	643	27	203.3	249.9	135.2	194.6	213.7	245.8
Pfister	66Y3PE	PC,E	106	207.0	20.0	7	642	30	164.7	270.3	105.4	232.0	212.8	256.5
Dekalb	DKC55-84RIB GC	STX,B	105	206.7	19.7	4	643	28	206.5	237.0	139.8	204.0	194.9	257.8
Hefty	H5522VT2P	VT2P	105	206.6	19.1	1	646	23	172.3	254.0	111.7	204.1	224.1	273.3
Champion	CSX54A17VT2ProRIB	VT2P,B	104	206.5	18.2	1	651	17	198.5	236.8	136.2	216.8	208.6	242.3
Golden Harvest	G03C84-3120-EZR	3120,B	103	206.3	19.1	12	645	25	205.3	232.8	137.7	216.3	205.5	240.4
Titan Pro	TP 40-03	None	103	206.1	19.4	10	643	29	209.7	243.9	123.8	201.1	215.5	242.3
Latham	LH5245VT2ProRIB	VT2P,B	102	205.7	18.0	1	650	19	182.8	264.7	121.1	206.1	208.4	251.0
Pioneer	P0589AMXT CK	AMXT,AQ,B	105	206.0	20.0	2	639	37	195.4	207.4	142.7	222.6	223.8	243.9

Corey Rozenboom

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Averages =	203.2	19.4	3	634	191.7	234.4	125.2	207.9	210.6	249.2
LSD (0.10) =	11.2	0.6	3		13.8	21.9	11.0	14.9	9.3	9.9
LSD (0.25) =	5.9	0.3	2		7.2	11.5	5.8	7.8	4.9	5.2

Previous years average yield for region, 200.6 bu/a, 18 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices = \$3.25 GMO; \$3.25 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:

2018 Corn Grain Top 30 Performance Summary for Iowa Northwest [IANW]



Full-Season Test

107 - 110 Day CRM

B2018IANWb

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Albert City		Lu Verne		Paullina	
				Bu/A	%	%	\$/A	Rank	Emmetsburg	Moorland	Paullina	Remsen		
Kruger	K1005DP	VT2P,B	110	230.3	22.8	1	695	1	209.3	234.8	156.6	262.9	242.0	276.0
Kruger	K4R-9608	STX,B	108	222.2	21.4	1	679	4	212.8	248.2	171.0	233.0	223.6	244.8
Channel	207-27 STXRIB	STX,B	107	222.1	21.0	1	682	2	233.5	241.8	165.8	212.3	228.7	250.4
Hefty	H6024SS	STX,B	110	221.9	21.3	1	679	5	208.5	226.2	167.3	242.8	220.7	265.7
Four Star	6D41RIB	VT2P,B	107	220.6	20.4	2	681	3	203.0	244.7	123.0	260.8	223.3	268.8
Latham	EX5917VT2Pro	VT2P	109	219.7	20.4	1	678	6	215.3	228.8	129.7	252.2	227.9	264.0
Channel	210-79DGVT2PRIB	VT2P,DG,B	110	219.1	21.3	1	671	9	220.4	223.5	163.1	235.6	220.0	251.9
NK Brand	NK0886-3010	3010	108	218.9	21.2	2	671	10	222.4	229.3	151.4	259.5	216.2	234.5
Wyffels	W6896RIB	VT2P,B	110	218.8	22.1	1	664	13	194.1	251.1	138.6	223.3	229.4	276.1
Cornelius	C633DP	VT2P	110	218.7	20.9	1	672	8	188.0	245.1	146.3	246.7	226.7	259.6
Wyffels	W6408	STX	110	218.7	22.4	1	662	16	200.6	226.5	160.2	248.7	215.7	260.2
Cornelius	C573DP	VT2P	108	217.1	20.0	2	673	7	198.6	248.0	121.5	261.6	225.9	247.0
Hefty	H6004SSRIB	STX,B	110	216.5	22.4	1	656	19	217.6	210.3	150.4	234.4	221.5	264.7
Miller Hybrids	M09-01	None	109	216.4	21.2	2	663	14	223.5	242.9	115.3	253.6	231.5	231.5
FS InVISION	FS 58G00	None	108	216.3	20.6	1	667	11	210.1	220.0	130.7	249.6	215.7	271.9
Golden Harvest	G08M20-3010	3010	108	216.2	21.1	2	663	15	220.6	218.1	140.4	253.8	218.6	245.7
Viking	48-08	None	108	215.8	20.6	1	665	12	213.1	220.5	136.0	236.2	220.2	268.6
Channel	210-26STXRIB	STX,B	110	215.2	21.8	1	655	20	239.6	208.9	149.5	223.3	224.6	245.3
Titan Pro	82-09 2P	VT2P,B	109	214.8	22.1	1	652	24	223.2	217.4	139.4	232.0	228.7	248.0
Pfister	69E2SSR	STX,B	109	214.6	22.3	2	650	25	210.4	213.3	159.3	231.4	225.4	248.0
Pfister	2545RASS	STX,B	107	213.3	21.1	1	654	21	224.1	226.8	142.8	232.4	206.8	246.6
Dekalb	DKC57-97RIB GC	STX,B	107	213.0	20.3	1	658	18	204.1	244.2	145.8	225.0	219.3	239.6
Hoegemeyer/HPT	7886AM	AM,B	108	212.9	21.1	2	653	22	227.1	212.3	137.6	212.2	226.8	261.2
FS InVISION	FS 60LX1 RIB	STX,B	110	212.6	21.9	1	647	30	215.8	199.1	144.8	250.5	226.9	238.4
Four Star	6D47RIB	VT2P,B	107	212.4	20.8	1	653	23	198.4	201.7	140.5	253.1	226.5	253.9
Wyffels	W5516RIB	VT2P,B	108	212.0	21.3	1	649	27	166.3	234.2	126.7	259.4	224.9	260.2
Viking	13-07	None	107	211.7	19.5	2	659	17	207.9	218.7	138.9	225.0	233.8	245.9
Kruger	K0807SS	STX,B	108	211.5	20.9	1	650	26	212.6	209.7	140.0	226.2	224.5	255.8
FS InVISION	FS 57ZX1 RIB	STX,B	107	209.8	20.3	1	648	28	214.5	229.2	120.5	239.4	212.0	243.0
Renk	RK763VT2P	VT2P,B	108	208.7	19.9	2	648	29	186.4	239.7	113.6	230.2	219.8	262.2
Pioneer	P0589AMXT CK	AMXT,AQ,B	105	206.4	20.1	1	639	43	191.3	205.2	145.2	225.9	226.1	244.6

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Averages =	210.7	21.4	2	644	201.8	221.7	135.5	233.4	220.8	251.0
LSD (0.10) =	10.5	0.6	1		13.5	23.6	11.4	14.7	9.7	8.1
LSD (0.25) =	5.5	0.3	1		7.1	12.4	6.0	7.7	5.1	4.2

Previous years average yield for region, 200.6 bu/a, 18 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices = \$3.25 GMO; \$3.25 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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2018 Corn Grain - Iowa Northwest [IANW]



Early-Season Test Products (78 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Champion	52A18VT2ProRIB	VT2P,B	AC,P2	102
Champion	53A19SSRIB	STX	AC,P5V	103
Champion	56A18VT2ProRIB	VT2P,B	AC,P2	106
Champion	CSX54A17VT2ProRIB	VT2P,B	AC,P2	104
Channel	202-81STXRIB	STX,B	AC,P5V	102
Channel	204-74VT2PRIB	VT2P,B	AC,P2	104
Channel	205-63VT2PRIB	VT2P,B	AC,P2	105
Channel	206-11VT2PRIB	VT2P,B	AC,P2	106
Cornelius	C385DP	VT2P	CM,C2	103
Cornelius	C461SS	STX	AC,P5V	106
Cornelius	C478DP	VT2P	AC,P5V	106
Dairyland	DS-7106PE	PC,E	CM,C5,Vi,In	106
Dairyland	DS-7603PE	PC,E	CM,C5,Vi,In	103
Dairyland	DS-9804RA	STX,B	CM,C5,Vi,In	103
Dekalb	DKC51-38RIB GC	STX,B	AC,P5V	101
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104
Dekalb	DKC55-84RIB GC	STX,B	AC,P5V	105
Epley	E1312SS	STX	AC,P5V	103
Federal	5570VT2PRIB	VT2P,B	AC,P2	105
Four Star	EX8505	VT2P	AC,P5V	106
FS InVISION	FS 51QX1 RIB	STX,B	AC,P5V	101
FS InVISION	FS 52RLO EZR	3120,B	CM,C2,Vi	102
FS InVISION	FS 53ZX1 RIB	STX,B	AC,P5V	103
FS InVISION	FS 55TX1 RIB	STX,B	AC,P5V	105
Golden Harvest	G03C84-3120-EZR	3120,B	AVC,C2,Vi	103
Golden Harvest	G05K08-3010A	3010,A	AVC,C2,Vi	105
Golden Harvest	G06Q68-3220-EZR	3220,B	AVC,C2,Vi	106
Hefty	H5212VT2PRIB	VT2P,B	HC	102
Hefty	H5302VT2PRIB	VT2P,B	HC	103
Hefty	H5522VT2P	VT2P	HC	105
Hefty	H5624SS	STX	HC	106
Hoegemeyer/HPT	7088AM	AM,AQ,B	MQ,P5V,R	100
Hoegemeyer/HPT	7224AM	AM,B	CM,C2,R,Lu	102
Hoegemeyer/HPT	7434AM	AM,B	MQ,P1V,R	104
Hoegemeyer/HPT	7480AM	AM,B	MQ,P5V,R	104
Kruger	K0109SS	STX,B	AC,P5V	101
Kruger	K4R-9603	STX,B	AC,P5V	103
Kruger	K4R-9704	STX,B	AC,P5V	104
Kruger	K4R-9802	STX,B	AC,P5V	102
Latham	LH5245VT2ProRIB	VT2P,B	AC,P2	102
Latham	LH5487VT2Pro	VT2P	AC,P5V	104
Latham	LH5505VT2ProRIB	VT2P,B	AC,P2	105

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Latham	LH5635VT2ProRIB	VT2P,B	AC,P2	106
Legend	LR9701GENSSRIB	STX,B	CM,C2,Vi	101
Legend	LR9806GENSSRIB	STX,B	CM,C2,Vi	106
Legend	LR9902VT2PRIB	VT2P,B	CM,C2,Vi	102
Legend	X0295	STX,B	CM,C2,Vi	102
LG Seeds	LG53C50STX	STX	AC,P5V	103
LG Seeds	LG5505STXRIB	STX,B	AC,P5V	101
LG Seeds	LG5525VT2RIB	VT2P,B	AC,P5V	105
Miller Hybrids	M03-33	None	AVC,C5	103
Miller Hybrids	M06-39	None	CM,C2	106
NK Brand	NK0440-3010	3010	AVC,C2,Vi	104
NK Brand	NK0602-3010	3010	AVC,C2,Vi	106
Pfister	63A3SSR	STX,B	CM,C5,Vi,In	103
Pfister	64F1PE	PC,E	CM,C5,Vi,In	104
Pfister	65G1SE	STX,E	CM,C5,Vi,In	105
Pfister	66Y3PE	PC,E	CM,C5,Vi,In	106
Pioneer	P0157AMX GC	AMX,AQ,B	MQ,C2,R	101
Pioneer	P0306AM GC	AM,AQ,B	MQ,C5,R,Lu	103
Pioneer	P0339AMXT GC	AMXT,AQ,B	MQ,C2,R,Lu	103
Pioneer	P0589AMXT CK	AMXT,AQ,B	MQ,C2,R	105
Renk	RK604SSTX	STX	AC,P5V	102
Renk	RK642SSTX	STX,B	AC,P5V	103
Renk	RK717SSTX	STX,B	AC,P5V	105
Renk	RK737SSTX	STX	AC,P5V	106
Titan Pro	82-04 2P	VT2P,B	AC,P2	104
Titan Pro	EXP 84-01 SS	STX,B	AC,P5V	101
Titan Pro	TP 40-03	None	CM,C2,Vi	103
Titan Pro	TP 70-06	None	CM,C2,Vi	106
Viking	42-05	None	CM,C2	105
Viking	51-04	None	CM,C2	104
Viking	55-02	None	AC,P5V	102
Viking	63-05	None	CM,C2	104
Wyffels	W3078RIB	STX,B	AC,P5V	106
Wyffels	W3488	STX	AC,P5V	104
Wyffels	W4196RIB	VT2P,B	AC,P5V	105
Wyffels	W4796RIB	VT2P,B	AC,P5V	106

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 Borer	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.