

2019 Corn Grain Top 30 Performance Summary for Iowa Northwest [IANW]

Early-Season Test

101 - 106 Day CRM

B2019IANWa

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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 \$/Acre	Rank	Albert City	Emmetsburg	Lu Verne REJECTED	Moorland	Moville	Paullina
KRUGER	K4R-9706	STX,B	106	247.8	23.2	1	892	6	266.1	270.4	129.2	250.0	250.6	201.8
VIKING	42-05	None	105	245.9	21.8	4	894	4	264.4	275.0	133.7	240.1	253.8	196.3
CHAMPION	53A20 VT2 PRO	VT2P,B	103	245.5	21.1	3	897	3	269.8	285.8	97.8	232.7	242.8	196.6
TITAN PRO	96-06 2P	VT2P,B	106	245.1	20.7	1	898	1	258.5	272.5	127.7	221.2	258.1	215.3
VIKING	84-05	None	105	245.0	21.7	1	891	7	274.8	260.4	127.8	224.1	256.0	209.5
LATHAM	LH5245VT2PRIB	VT2P,B	102	243.5	19.7	1	898	2	267.4	264.1	127.8	225.7	250.6	209.8
TITAN PRO	TP 70-06	None	106	243.4	21.7	1	884	10	261.4	274.4	127.8	232.4	248.5	200.2
KRUGER	K0518DD	VT2P,DG,B	105	243.0	21.0	1	888	8	259.2	273.9	127.8	237.1	253.4	191.7
WYFFELS	W2506RIB	VT2P,B	101	242.1	19.6	4	893	5	270.6	264.3	127.8	226.6	241.3	207.8
MILLER HYBRIDS	M06-39	None	106	241.9	21.5	3	881	12	265.4	252.9	127.8	231.7	255.6	204.1
LATHAM	LH5487VT2PRIB	VT2P,B	104	241.8	21.4	1	881	14	272.6	263.3	127.8	235.7	244.6	192.5
EPLEY	E1330	None	103	240.6	19.8	1	886	9	268.6	267.6	127.8	230.0	233.4	203.4
CORNELIUS	C6438DP	VT2P	104	240.6	20.7	4	881	13	243.2	282.8	127.8	237.4	247.1	192.5
DEKALB	DKC54-74RIB GC	VT2P,B	104	240.3	20.6	1	880	15	263.4	253.3	127.8	251.0	239.2	194.4
CHAMPION	56A18VT2PRORIB	VT2P,B	106	239.8	21.5	2	873	20	270.5	262.7	127.8	222.7	245.6	197.3
TITAN PRO	82-04 2P	VT2P,B	104	239.4	21.0	1	874	19	262.5	252.6	127.8	233.4	239.9	208.7
KRUGER	K4R-9704	STX,B	104	239.3	20.8	1	876	18	261.0	274.3	127.8	222.8	234.6	203.7
WYFFELS	W4196RIB	VT2P,B	105	239.3	21.8	1	870	21	271.7	256.1	127.8	238.4	236.5	193.6
HOEGEMEYER	7209 AM	AM,B	102	239.2	20.5	2	877	17	264.0	275.8	127.8	205.7	234.2	216.1
RENK	RK737SSTX	STX,B	106	238.6	21.5	1	869	22	269.1	263.7	127.8	234.3	230.0	195.7
HEFTY	H5212VT2PRIB	VT2P,B	102	238.4	19.7	1	879	16	258.2	256.4	127.8	229.4	249.1	199.1
HEFTY	H5522VT2PRIB	VT2P,B	105	238.3	21.4	3	869	23	260.3	262.3	127.8	229.6	248.1	191.3
HEFTY	H5622VT2PRIB	VT2P,B	106	238.2	21.4	2	868	24	268.8	263.3	127.8	218.5	244.3	196.2
RENK	RK710DGVT2P	VT2P,DG,B	106	238.1	21.7	1	866	26	255.0	271.2	127.8	226.2	243.6	194.6
FS INVISION	FS 5594X RIB	STX,B	105	237.6	21.2	1	866	25	252.0	262.2	127.8	241.7	233.4	198.6
WYFFELS	W4358RIB	STX,B	106	237.4	21.5	1	864	29	254.5	266.6	127.8	232.8	237.8	195.5
LATHAM	LH5517VT2PRIB	VT2P,B	105	237.3	21.1	2	866	27	249.6	278.7	127.8	214.0	252.7	191.2
INTEGRA	5529	STX,B	105	236.8	21.3	2	863	30	263.1	239.6	102.8	239.1	240.8	201.2
EPLEY	E1503VT2P	VT2P	105	235.1	20.5	1	862	31	256.5	268.8	101.5	222.7	237.0	190.7
HEFTY	H5132VT2P	VT2P	101	234.8	19.8	1	865	28	253.0	265.2	125.2	221.5	238.2	196.2
PIONEER	P0589AMXT CK	AMXT,AQ,B	105	243.3	21.9	2	884	11	278.6	267.8	126.1	222.2	243.7	204.3

Data Rejected - Not in Summary

Corey Rozenboom

Averages =	233.3	21.1	3	851	254.4	257.3	125.9	221.8	238.1	194.0
LSD (0.10) =	6.2	0.5	4		9.9	12.0	24.0	14.4	7.0	7.0
LSD (0.25) =	3.3	0.3	2		5.2	6.3	12.6	7.6	3.7	3.7

Corey Rozenboom

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$3.80

† See last page for abbreviation descriptions. Dark colored 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 grain moisture limit for this test. **ns** = column values not significantly different. *There were 2 reps for the site.

2019 Corn Grain Top 30 Performance Summary for Iowa Northwest [IANW]

Full-Season Test

107 - 110 Day CRM

B2019IANWb

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For Gross Income (Sorted by Yield), (14) Replication Average

Company/Brand	Product/Brand	Technol.t	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Albert City	Emmetsburg	Lu Verne	Moorland *	Moville	Paullina
TITAN PRO	94-09 2P	VT2P,B	109	248.8	25.0	1	886	4	275.6	257.0	149.5	260.0	271.2	180.3
LATHAM	LH5847VT2PRIB	VT2P,B	108	248.3	25.2	1	882	8	270.5	267.0	160.9	258.7	253.2	192.1
HEFTY	H5832VT2P	VT2P	108	247.4	22.8	2	893	1	279.0	245.4	149.2	252.1	256.8	203.4
WYFFELS	W5516RIB	VT2P,B	108	247.3	23.5	1	888	3	255.3	254.5	133.2	249.8	273.3	203.8
CORNELIUS	C633DP	VT2P	110	247.3	23.1	1	891	2	270.2	261.1	133.2	259.9	252.4	193.0
INTEGRA	5939	STX,B	109	245.3	23.0	1	884	5	266.6	253.0	133.2	256.2	255.7	195.2
BECKS	5765AMXT GC	AMXT,B	107	245.3	23.2	1	882	7	274.6	257.9	133.2	257.4	249.5	187.0
WYFFELS	W6826	VT2P	111	245.3	25.6	1	869	11	280.9	240.9	133.2	258.7	269.6	176.3
LATHAM	LH5725VT2PRIB	VT2P,B	107	245.0	23.4	1	882	9	279.9	258.5	133.2	245.3	256.2	185.1
LATHAM	LH5965VT2PRIB	VT2P,B	109	243.4	25.3	11	864	13	259.8	268.9	133.2	248.2	255.1	184.9
INTEGRA	CX901110	VT2P	110	243.0	24.9	3	864	14	287.7	239.2	133.2	247.3	240.8	200.0
KRUGER	K0915DD	VT2P,DG,B	109	241.2	24.7	3	860	19	282.8	238.5	133.2	247.7	250.9	186.0
HEFTY	H5812VT2PRIB	VT2P,B	108	241.1	22.5	1	873	10	250.1	248.7	133.2	247.0	259.0	200.7
KRUGER	K0917SS	STX,B	109	240.1	24.4	2	857	23	268.6	260.5	133.2	237.9	242.5	190.8
HOEGEMEYER	7955 AML	AML,B	109	240.0	24.5	1	857	24	283.9	265.3	133.2	246.2	236.6	168.2
MILLER HYBRIDS	M09-01	None	109	239.5	23.6	2	860	20	256.6	266.4	108.4	238.9	254.2	181.6
INTEGRA	5770	STX	107	239.1	22.5	1	865	12	257.4	249.0	133.2	250.8	252.6	185.8
WYFFELS	W5086	VT2P	107	239.1	23.0	2	862	17	261.2	250.5	133.2	241.2	255.2	187.5
CHAMPION	60A20 VT2 PRO	VT2P,B	110	239.1	25.7	3	847	28	275.7	218.5	133.2	259.9	250.6	190.7
HEFTY	H5734SS	STX	107	238.6	23.1	1	860	21	263.6	260.1	133.2	242.3	247.5	179.5
DEKALB	DKC60-88RIB GC	VT2P,B	110	238.5	25.5	2	845	30	253.3	236.1	133.2	243.1	263.6	196.6
RENK	RK765VT2P	VT2P	108	238.5	22.8	3	861	18	267.7	229.2	133.2	252.4	251.8	191.2
INTEGRA	5719	VT2P,B	107	238.4	23.3	1	858	22	257.7	257.3	133.2	238.5	258.6	179.8
HOEGEMEYER	7760 AM	AM,B	107	238.3	22.4	1	863	16	275.0	247.7	133.2	242.5	231.7	194.7
WYFFELS	W5626RIB	VT2P,B	108	238.2	24.1	1	853	25	260.2	249.5	133.2	251.2	255.2	175.2
EPLEY	E1730	None	107	238.1	22.0	1	864	15	262.1	224.5	133.2	242.7	256.5	204.6
HOEGEMEYER	7886 AM	AM,B	108	236.9	24.6	5	845	31	250.2	246.1	133.2	255.5	244.8	187.9
LATHAM	LH5769SSRIB	STX,B	107	236.3	23.3	1	850	26	235.6	254.0	133.5	240.6	259.3	191.9
CORNELIUS	C573DP	VT2P	108	235.6	23.6	1	848	27	256.9	243.8	132.2	255.6	251.6	170.1
FS INVISION	FS 57ZX1 RIB	STX,B	107	233.4	22.1	4	846	29	247.4	234.2	116.7	249.8	251.8	183.8
PIONEER	P0589AMXT CK	AMXT,AQ,B	105	243.1	21.7	1	884	6	270.9	265.1	154.9	232.1	245.6	201.7

Data Rejected - Not in Summary

Corey Rozenboom

Averages =	231.7	24.0	3	833	258.8	232.0	136.5	244.6	245.1	182.3
LSD (0.10) =	8.0	0.6	4		10.4	15.1	24.9	13.1	8.6	8.1
LSD (0.25) =	4.2	0.3	2		5.4	7.9	13.1	6.9	4.5	4.3

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.80

† See last page for abbreviation descriptions. Dark colored 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 grain moisture limit for this test. **ns** = column values not significantly different. *There were 2 reps for the site.

Early-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	A3054	3110	104
CHAMPION	53A19SSRIB	STX,B	103
CHAMPION	53A20 VT2 PRO	VT2P,B	103
CHAMPION	55A20 3220 EZ	3220,B	105
CHAMPION	56A18VT2PRORIB	VT2P,B	106
CORNELIUS	C461SS	STX	106
CORNELIUS	C478DP	VT2P	106
CORNELIUS	C6438DP	VT2P	104
DEKALB	DKC50-08RIB GC	STX,B	100
DEKALB	DKC51-38RIB GC	STX,B	101
DEKALB	DKC54-38RIB GC	STX,B	104
DEKALB	DKC54-74RIB GC	VT2P,B	104
EPLEY	E1330	None	103
EPLEY	E1503VT2P	VT2P	105
FS INVISION	FS 51QX1 RIB	STX,B	101
FS INVISION	FS 53ZX1 RIB	STX,B	103
FS INVISION	FS 5594X RIB	STX,B	105
FS INVISION	FS 55RL1 EZR	3220,B	105
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102
GOLDEN HARVEST	G03R40-3110	3110	103
GOLDEN HARVEST	G05K08-3010A-EXR	3010,A	105
HEFTY	H5132VT2P	VT2P	101
HEFTY	H5212VT2PRIB	VT2P,B	102
HEFTY	H5504SSRIB	STX,B	105
HEFTY	H5522VT2PRIB	VT2P,B	105
HEFTY	H5622VT2PRIB	VT2P,B	106
HOEGEMEYER	7159 Q	QR,B	101
HOEGEMEYER	7209 AM	AM,B	102
HOEGEMEYER	7402 AM	AM,B	104
HOEGEMEYER	7692 Q	QR,B	106
INTEGRA	5280	STX,B	102
INTEGRA	5529	STX,B	105
KRUGER	K0109SS	STX,B	101
KRUGER	K0518DD	VT2P,DG,B	105
KRUGER	K4R-9704	STX,B	104
KRUGER	K4R-9706	STX,B	106

Company/Brand	Brand/Product	Technology	RM
KRUGER	K4R-9802	STX,B	102
LATHAM	LH5160	None	101
LATHAM	LH5245VT2PRIB	VT2P,B	102
LATHAM	LH5487VT2PRIB	VT2P,B	104
LATHAM	LH5517VT2PRIB	VT2P,B	105
LATHAM	LH5635VT2PRIB	VT2P,B	106
LEGEND	LR9701GENSSRIB	STX,B	101
LEGEND	LR9804GENSSRIB	STX,B	104
LEGEND	LR9903GENSSRIB	STX,B	103
MILLER HYBRIDS	M06-27	None	106
MILLER HYBRIDS	M06-39	None	106
NK BRAND	NK0243-3120-EZR	3120,B	102
NK BRAND	NK0472-3110	3110	104
NK BRAND	NK0602-3120-EZR	3120,B	106
PIONEER	P0157AMXT GC	AMXT,AQ,B	101
PIONEER	P0339AMXT GC	AMXT,AQ,B	103
PIONEER	P0589AMXT CK	AMXT,AQ,B	105
PROHARVEST	6258SS	STX	102
PROHARVEST	6746SS	STX	106
RENK	RK621VT2P	VT2P	102
RENK	RK626SSTX	STX	102
RENK	RK710DGV2P	VT2P,DG,B	106
RENK	RK737SSTX	STX,B	106
TITAN PRO	82-04 2P	VT2P,B	104
TITAN PRO	91-02	None	102
TITAN PRO	96-06 2P	VT2P,B	106
TITAN PRO	TP 40-03	None	103
TITAN PRO	TP 70-06	None	106
VIKING	42-05	None	105
VIKING	51-04	None	104
VIKING	55-02	None	102
VIKING	84-05	None	105
WYFFELS	W2506RIB	VT2P,B	101
WYFFELS	W3488RIB	STX,B	104
WYFFELS	W4196RIB	VT2P,B	105
WYFFELS	W4358RIB	STX,B	106

Full-Season Test Products (66 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	A4858	3010,B	108
BECKS	5765AMXT GC	AMXT,B	107
CHAMPION	57A19VT2PRORIB	VT2P,B	107
CHAMPION	58A18VT2PRORIB	VT2P,B	108
CHAMPION	59A20 3220 EZ	3220,B	109
CHAMPION	60A20 VT2 PRO	VT2P,B	110
CORNELIUS	C573DP	VT2P	108
CORNELIUS	C575DP	VT2P	109
CORNELIUS	C633DP	VT2P	110
DEKALB	DKC58-34RIB GC	STX,B	108
DEKALB	DKC60-88RIB GC	VT2P,B	110
EPLBY	E1730	None	107
EPLBY	E1800	None	108
FS INVISON	FS 57ZX1 RIB	STX,B	107
FS INVISON	FS 58G00	None	108
FS INVISON	FS 58RL1 EZR	3220,B	108
FS INVISON	FS 59VL1 EZR	3220,B	109
FS INVISON	FS 60UX1 RIB	STX,B	110
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108
GOLDEN HARVEST	G09Y24-3220A-EZR	3220,A,B	109
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110
HEFTY	H5734SS	STX	107
HEFTY	H5812VT2PRIB	VT2P,B	108
HEFTY	H5832VT2P	VT2P	108
HEFTY	H5922VT2PRIB	VT2P,B	109
HOEGEMEYER	7760 AM	AM,B	107
HOEGEMEYER	7886 AM	AM,B	108
HOEGEMEYER	7955 AML	AML,B	109
HOEGEMEYER	8028 AM	AM,B	110
INTEGRA	5719	VT2P,B	107
INTEGRA	5770	STX	107
INTEGRA	5939	STX,B	109
INTEGRA	CX901110	VT2P	110
KRUGER	K0716SS	STX,B	107
KRUGER	K0807SS	STX,B	108
KRUGER	K0915DD	VT2P,DG,B	109

Company/Brand	Brand/Product	Technology	RM
KRUGER	K0917SS	STX,B	109
KRUGER	K1005DP	VT2P,B	110
LATHAM	LH5725VT2PRIB	VT2P,B	107
LATHAM	LH5740	None	107
LATHAM	LH5769SSRIB	STX,B	107
LATHAM	LH5847VT2PRIB	VT2P,B	108
LATHAM	LH5965VT2PRIB	VT2P,B	109
LEGEND	LR9809VT2PRIB	VT2P,B	109
LEGEND	LR99A093120ARIB	3120,A,B	109
MILLER HYBRIDS	M08-41	None	108
MILLER HYBRIDS	M09-01	None	109
NK BRAND	NK0821-3120A	3120,A,B	108
NK BRAND	NK0886-3120-EZR	3120,B	108
PIONEER	P0589AMXT CK	AMXT,AQ,B	105
PIONEER	P0919AM GC	AM,B	109
PIONEER	P1197AM GC	AM,B	111
PROHARVEST	6828SS	STX	107
PROHARVEST	8052SS	STX	109
RENK	RK763VT2P	VT2P,B	108
RENK	RK765VT2P	VT2P	108
RENK	RK779SSTX	STX,B	108
TITAN PRO	91-07	None	107
TITAN PRO	94-09 2P	VT2P,B	109
TITAN PRO	98-10 2P	VT2P	110
VIKING	48-08	None	108
WYFFELS	W5086	VT2P	107
WYFFELS	W5516RIB	VT2P,B	108
WYFFELS	W5626RIB	VT2P,B	108
WYFFELS	W6408RIB	STX,B	110
WYFFELS	W6826	VT2P	111

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 Grain Technologies*

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)
3330	Agrisure® Viptera® 3330 (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®	TRE	Genuity® Trecepta™
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
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)		

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