

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

## 2021 Corn Grain Top 30 Harvest Report

Iowa North Central [IANC] WATERLOO, IA  
Rottinghaus Farms, Rottinghaus Farms, Black Hawk County,  
IA 50703

<b>Early-Season Test</b>	<b>101 - 106</b> Day CRM B2021IANC06a
<b>Top 30 of 66</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans, Rye Cover Crop / Zidua Pro, Battelstar
<b>SOIL DESCRIPTION:</b>	Marquis loam, well drained, non- irrigated
<b>SOIL CONDITION:</b>	No-Till, high P, high K, 6.1 pH, 3.1% OM, 13.5 CEC
<b>PEST MANAGEMENT:</b>	Acuron, Roundup, Trivapro
<b>FERTILITY - Applied N:</b>	30 Spring, 130 Sidedress
<b>Applied N-P-K (units):</b>	160-91-90
<b>SEEDING - RATE - ROW:</b>	May 1 38.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 19 36.1 /A

### TEST COMMENTS:

Several cold nights within the first couple of weeks of planting kept soils cool and plants slow to emerge. Once warmer weather came, early-season vigor and stands were excellent. Even though the drought monitor shows Black Hawk county in D2 (severe) drought, the showers that fell during the season were timed just right and just enough to keep nutrients moving into the plants when they needed it. Even though some tipback was noted during August, the showers Aug 21 - Sept 4 brought 6.35" to this part of the Rottinghaus farm and allowed ears to fill well with excellent kernel depth. Stalks were standing well at harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	64B5Q ↗	QR	104	<b>267.1</b>	18.5	0	36.2	1379	1
DeKalb	DKC56-65RIB GC ↗	STX	105	<b>263.3</b>	18.3	0	36.2	1360	3
Kruger	K4R-9706 ↗	STX	106	<b>261.4</b>	18.5	0	36.2	1349	5
Hi Fidelity Genetics	HFG1051 ↗	CONV	105	<b>261.2</b>	16.9	0	36.2	1359	4
Cornelius	C6400DGDG ↗	VT2PDG	104	<b>261.0</b>	15.8	0	36.2	1365	2
Cornelius	C6552PC ↗	PC	105	<b>259.6</b>	17.5	0	36.2	1347	6
NuTech	66C2Q ↗	QR	106	<b>259.1</b>	18.5	0	35.5	1338	7
Anderson	472SRC ↗	STX	106	<b>257.3</b>	17.0	0	36.2	1338	8
Federal	5610 PCE ↗	PC,E	106	<b>256.2</b>	17.5	3	36.2	1329	9
Pioneer	P0339Q GC ↗	QR	103	<b>254.9</b>	17.9	0	36.2	1320	10
Hi Fidelity Genetics	HFG1071 ↗	CONV	105	<b>253.5</b>	17.3	0	36.2	1317	12
Federal	5300 VT2PRIB ↗	VT2P	103	<b>253.3</b>	16.9	0	36.2	1318	11
Wyffels	W4196RIB ↗	VT2P	105	<b>252.8</b>	17.5	0	36.2	1311	13
Viking	84-05 ↗	CONV	105	<b>252.1</b>	17.6	0	36.2	1307	15
Viking	51-04 ↗	CONV	104	<b>252.1</b>	17.4	0	36.2	1308	14
Titan Pro	23-06 SS ↗	STX	106	250.6	17.8	0	36.2	1298	17
Latham	LH 5589 SS RIB ↗	STX	105	248.6	17.5	0	36.2	1289	20
Augusta	A2856-3220-EZ ↗	3220	106	248.6	18.4	0	35.5	1284	23
Hefty	H5432 RIB ↗	VT2P	104	248.3	16.8	0	36.2	1292	19
Golden Harvest	G06Q68-5222 EZR ↗	5222	106	248.3	18.1	0	36.2	1284	24
Dyna-Gro	D43VC81 ↗	VT2P	102	247.7	16.8	0	36.2	1289	21
Titan Pro	20-05 ↗	CONV	105	247.6	17.1	0	36.2	1287	22
Titan Pro	24-04 ↗	CONV	104	247.1	17.2	3	36.2	1283	25
Kruger	K0149DP ↗	VT2P	101	246.5	14.9	0	35.5	1294	18
Latham	LH 5209 5222-EZ ↗	5222	102	245.4	17.4	0	35.5	1273	27
Kruger	K0554SS ↗	STX	105	245.2	18.5	0	36.2	1266	29
Anderson	507R ↗	RR2	102	244.9	15.9	0	36.2	1280	26
Wyffels	W4246RIB ↗	VT2P	105	244.7	17.4	0	36.2	1270	28
Cornelius	C6401SS ↗	STX	104	243.2	17.6	0	36.2	1261	31
Renk	RK642VT2P ↗	VT2P	103	241.2	15.6	0	36.2	1262	30
Pioneer	P0589AMXT CK	AMXT,AQ	105	251.4	18.2	0	36.2	1300	16
				<b>Averages =</b>	<b>242.4</b>	<b>17.2</b>	<b>0</b>	<b>36.1</b>	<b>1259</b>
				LSD (0.10) =	8.9	0.5	ns		
				LSD (0.25) =	4.7	0.3	ns		
				C.V. =	3.5				
Corey Rozenboom				Historic yield: 211.03 bu/a, 12 yr(s)					
corey.rozenboom@firstseedtests.com, (319) 830-8886									

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.25

Report Date: 10/20/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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## 2021 Corn Grain Top 30 Harvest Report

Iowa North Central [IANC] WATERLOO, IA  
Rottinghaus Farms, Rottinghaus Farms, Black Hawk County,  
IA 50703

<b>Full-Season Test</b>	<b>107 - 110</b> Day CRM B2021IANC06b
<b>Top 30 of 66</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans, Rye Cover Crop / Zidua Pro, Battelstar
<b>SOIL DESCRIPTION:</b>	Marquis loam, well drained, non- irrigated
<b>SOIL CONDITION:</b>	No-Till, high P, high K, 6.1 pH, 3.1% OM, 13.5 CEC
<b>PEST MANAGEMENT:</b>	Acuron, Roundup, Trivapro
<b>FERTILITY - Applied N:</b>	30 Spring, 130 Sidedress
<b>Applied N-P-K (units):</b>	160-91-90
<b>SEEDING - RATE - ROW:</b>	May 1 38.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 19 36.0 /A

### TEST COMMENTS:

Several cold nights within the first couple of weeks of planting kept soils cool and plants slow to emerge. Once warmer weather came, early-season vigor and stands were excellent. Even though the drought monitor shows Black Hawk county in D2 (severe) drought, the showers that fell during the season were timed just right and just enough to keep nutrients moving into the plants when they needed it. Even though some tipback was noted during August, the showers Aug 21 - Sept 4 brought 6.35" to this part of the Rottinghaus farm and allowed ears to fill well with excellent kernel depth. Stalks were standing well at harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	68A7AM ↗	AM	108	<b>295.9</b>	19.4	0	36.2	1521	1
Integra	5802 VT2PRIB ↗	VT2P	108	<b>294.6</b>	19.5	0	36.2	1513	2
Kruger	K0915DD ↗	VT2PDG	109	<b>292.9</b>	18.8	0	34.2	1510	3
Wyffels	W6826RIB ↗	VT2P	111	<b>291.2</b>	20.0	0	36.2	1492	4
ProHarvest	79P49 VT2PRIB ↗	VT2P	109	<b>289.8</b>	20.3	0	35.5	1483	6
Renk	RK805VT2P ↗	VT2P	110	<b>289.7</b>	19.8	0	36.2	1486	5
Titan Pro	11-11 ↗	CONV	111	<b>284.2</b>	19.7	0	36.2	1459	7
NuTech	70F2Q ↗	QR	110	<b>284.1</b>	20.0	0	36.2	1456	8
ProHarvest	79P87 SSRIB ↗	STX	109	<b>283.2</b>	20.2	0	36.2	1450	9
Latham	LH 6097 VT2P RIB ↗	VT2P	110	<b>282.4</b>	19.8	0	36.2	1449	10
Cornelius	C6936SS ↗	STX	109	<b>281.9</b>	20.2	0	35.5	1443	11
Renk	RK782VT2P ↗	VT2P	109	<b>281.6</b>	20.6	0	35.5	1439	14
Pioneer	P1197AM GC ↗	AM	111	<b>280.9</b>	20.2	0	36.2	1438	16
Cornelius	C6812DP ↗	VT2P	108	<b>280.8</b>	19.7	0	36.2	1441	12
Kruger	KR-4608D ↗	VT2PDG	108	<b>280.3</b>	19.4	0	36.2	1441	13
Federal	5915 VT2P ↗	VT2P	109	<b>279.6</b>	19.1	0	36.2	1439	15
NuTech	69B9Q ↗	QR	109	279.4	20.0	0	36.2	1432	17
Wyffels	W6408RIB ↗	STX	110	279.3	20.0	0	34.9	1431	18
Hefty	H6042 RIB ↗	VT2P	110	278.8	20.3	0	36.2	1427	19
Titan Pro	94-09 2P ↗	VT2P	109	278.4	20.1	0	36.2	1426	20
Hefty	H5952 ↗	VT2P	109	277.7	20.5	0	36.2	1420	23
Hefty	H5944 RIB ↗	STX	109	277.1	19.5	0	36.2	1423	21
DeKalb	DKC59-82RIB GC ↗	VT2P	109	277.1	19.6	0	36.2	1423	22
Kruger	K1005DP ↗	VT2P	110	276.1	20.4	0	36.2	1412	26
FS InVision	FS 6017V RIB ↗	VT2P	110	275.8	19.3	0	36.2	1419	24
Hefty	H5832 RIB ↗	VT2P	108	274.6	19.1	0	35.5	1413	25
Latham	LH 5949 SS RIB ↗	STX	109	274.4	21.5	0	34.9	1396	30
NuTech	70A8AM ↗	AM	110	273.4	20.6	0	36.2	1397	29
Kruger	K0858DP ↗	VT2P	108	273.1	19.0	0	36.2	1406	27
NuTech	69A6Q ↗	QR	109	273.0	18.9	0	36.2	1406	28
Pioneer	P0589AMXT CK	AMXT,AQ	105	250.1	18.1	0	36.2	1293	61
				<b>Averages =</b>	<b>270.5</b>	<b>19.7</b>	<b>1</b>	<b>36.0</b>	<b>1388</b>
				LSD (0.10) =	9.1	0.7	3		
				LSD (0.25) =	4.8	0.3	2		
				C.V. =	3.2				

*Corey Rozenboom*

Corey Rozenboom

corey.rozenboom@firstseedtests.com, (319) 830-8886

**Yield & Income Factors:**

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$5.25

Historic yield: 211.03 bu/a, 12 yr(s)

Report Date: 10/20/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

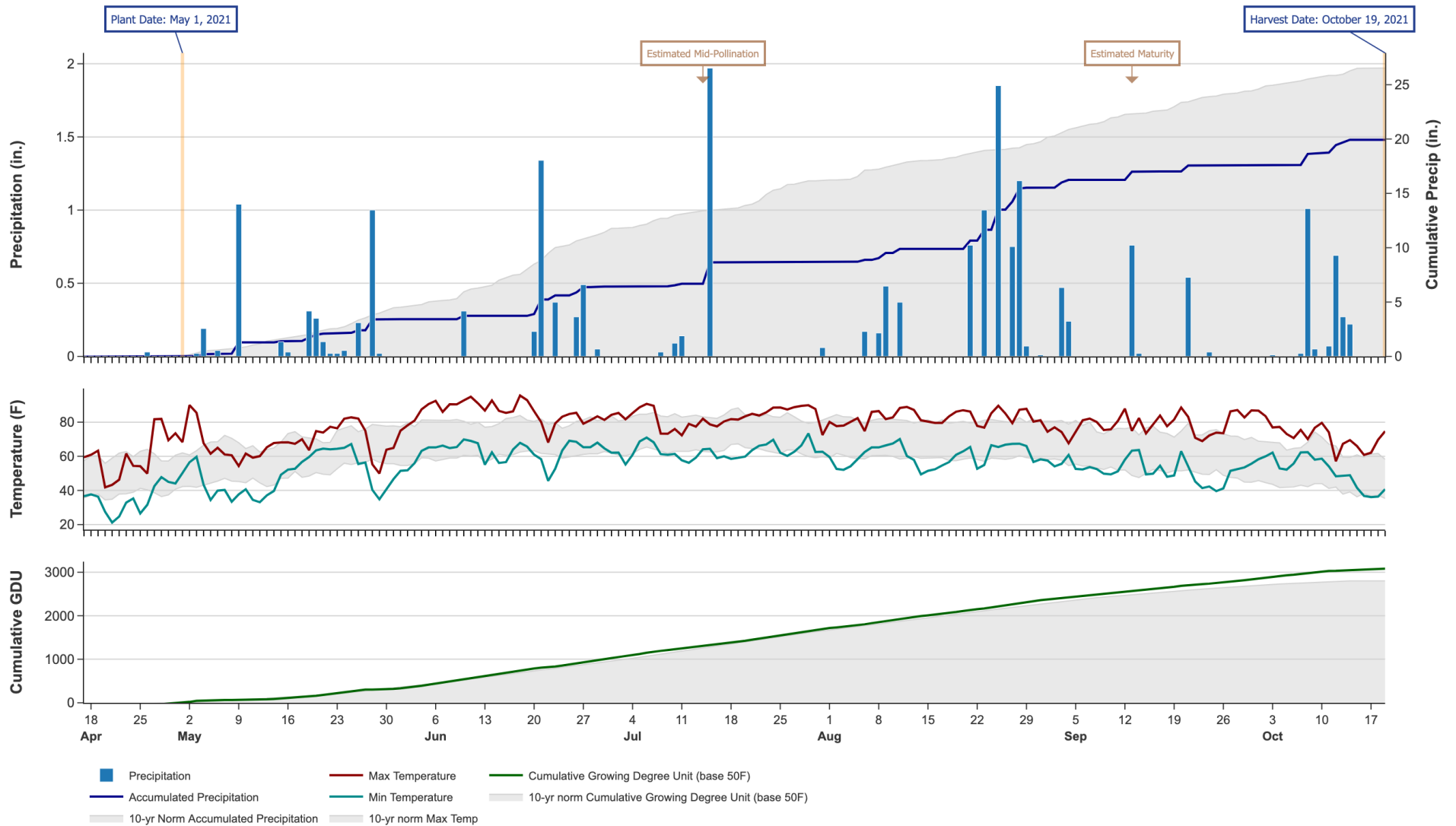
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# 2021 Corn - Iowa North Central [ IANC ]

## Weather Conditions Summary at WATERLOO, IA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	0.0   1.6 (-1.6)	3.4   4.7 (-1.3)	3.0   7.0 (-4.0)	2.3   4.8 (-2.5)	6.8   3.5 (+3.3)	2.1   4.7 (-2.6)	2.3   2.1 (+0.2)	20.0   28.3 (-8.4)
GDU   Normal (Diff)	53   30 (+22)	328   341 (-13)	686   600 (+85)	693   716 (-23)	661   622 (+38)	480   416 (+63)	242   106 (+135)	3143   2836 (+306)



\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

## 2021 Corn - Iowa North Central [ IANC ]

### Early-Season Test Products (66 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Anderson	472SRC	STX	N	106	AC,P5V
Anderson	507R	RR2	N	102	AC,P2
Augusta	A2856-3220-EZ	3220	Y	106	CM,C2
Augusta	A4054-5122-EZ	5122	Y	104	CM,C2
Cornelius	C6400DGDP	VT2PDG	N	104	AC250
Cornelius	C6401SS	STX	N	104	P5V
Cornelius	C6438DP	VT2P	N	104	CM,C2,Vi
Cornelius	C6552PC	PC	N	105	AC,P5V
DeKalb	DKC54-74RIB GC	VT2P	Y	104	Treated
DeKalb	DKC56-65RIB GC	STX	Y	105	AC,P5V,B-360
Dyna-Gro	D43VC81	VT2P	N	102	AC,P5V
Federal	5280 VT2PRIB	VT2P	Y	102	AC,P2,MAG
Federal	5300 VT2PRIB	VT2P	Y	103	AC,P2,MAG
Federal	5510 VT2PRIB	VT2P	Y	105	AC,P2,MAG
Federal	5610 PCE	PC,E	N	106	AC,P2,MAG
FS InVision	FS 5115X RIB	STX	Y	101	AC,P5V,EDC-EL
FS InVision	FS 53ZX1 RIB	STX	Y	103	AC,P5V
FS InVision	FS 5515D2 EZR	5222	Y	105	CM,C2,Vi
FS InVision	FS 5594X RIB	STX	Y	105	AC,P5V
Golden Harvest	G02K39-5122 EZR	5122	Y	102	AVC,C2,Vi
Golden Harvest	G03B96-5122 EZR	5122	Y	103	AVC,C2,Vi
Golden Harvest	G06Q68-5222 EZR	5222	Y	106	AVC,C2,Vi
Hefty	H5144	STX	N	101	HC
Hefty	H5432 RIB	VT2P	Y	104	HC
Hefty	H5442 RIB	VT2P	Y	104	HC
Hefty	H5444	STX	N	104	HC
Hefty	H5655	TRE	N	106	HC
Hi Fidelity Genetics	EXP2107	CONV	N	104	AVC,C5,Vi
Hi Fidelity Genetics	HFG1051	CONV	N	105	CM,C2
Hi Fidelity Genetics	HFG1071	CONV	N	105	CM,C2
Integra	5280 VT2PRIB	VT2P	Y	102	AC,P5,SU
Integra	5529 VT2PRIB	VT2P	Y	105	AC,P2,SU
Integra	5682 VT2PRIB	VT2P	Y	106	AC,P5V,EDC-B
Kruger	K0149DP	VT2P	Y	101	AC,P5,EDC
Kruger	K0191SS	STX	Y	101	AC,P5V,B-360
Kruger	K0456DP	VT2P	Y	104	AC,P5,EDC
Kruger	K0554SS	STX	Y	105	AC,P5V,EDC-B
Kruger	K4R-9706	STX	Y	106	AC,P5V,EDC-B
Latham	LH 5159 SS RIB	STX	Y	101	AC,P5
Latham	LH 5209 5222-EZ	5222	Y	102	AVC,C5
Latham	LH 5245 VT2P RIB	VT2P	Y	102	AVC,C5
Latham	LH 5487 VT2P RIB	VT2P	Y	104	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Latham	LH 5589 SS RIB	STX	Y	105	AC,P5V
NK Brand	NK0243-5122 EZR	5122	Y	102	AVC,C2,Vi
NK Brand	NK0314-5122 EZR	5122	Y	103	AVC,C2,Vi
NK Brand	NK0472-5222 EZR	5222	Y	104	AVC,C2,Vi
NuTech	62A8Q	QR	Y	102	Lum,P1V
NuTech	64B5Q	QR	Y	104	Lum,P1V
NuTech	64D1AM	AM,AQ	Y	104	Lum,P1V
NuTech	66C2Q	QR	Y	106	Lum,P1V
Pioneer	P0339Q GC	QR	Y	103	Lum
Pioneer	P0589AMXT CK	AMXT,AQ	Y	105	Lum
Renk	RK625DGV2P	VT2PDG	N	104	AC,P5V
Renk	RK642VT2P	VT2P	Y	103	AC,P2
Titan Pro	20-05	CONV	N	105	AC,P2
Titan Pro	23-06 SS	STX	Y	106	AC,P5V
Titan Pro	24-04	CONV	N	104	AC,P2
Titan Pro	26-03 5222	5222	Y	103	CM,C2,Vi
Titan Pro	96-06 2P	VT2P	Y	106	AC,P2
Viking	46-02	CONV	N	102	CM,C2,Sb
Viking	51-04	CONV	N	104	CM,C2,Sb
Viking	84-05	CONV	N	105	CM,C2,Sb
Wyffels	W2506RIB	VT2P	Y	101	AC,P2
Wyffels	W2648	STX	N	101	AC,P5V
Wyffels	W4196RIB	VT2P	Y	105	AC,P2
Wyffels	W4246RIB	VT2P	Y	105	AC,P2

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## 2021 Corn - Iowa North Central [ IANC ]

### Full-Season Test Products (66 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Armor	A1044 SS	STX	N*	110	Treated
Augusta	A1457-5122-EZ	5122	Y	107	CM,C2
Cornelius	C575DP	VT2P	N	109	CM,C2,Vi
Cornelius	C6812DP	VT2P	N	108	AC,P5V
Cornelius	C6936SS	STX	N	109	AC,P5
Cornelius	C7004DP	VT2P	N	110	CM,C2,Vi
DeKalb	DKC57-71RIB GC	STX	Y	107	AC,P5V,B-360
DeKalb	DKC58-34RIB GC	STX	Y	108	Treated
DeKalb	DKC59-82RIB GC	VT2P	Y	109	AC,P5V,B-360
Dyna-Gro	D50VC78	VT2P	N	109	AC,P5V
Epley	E1730	CONV	N	107	Vi5
Epley	E1800	CONV	N	108	Vi5
Federal	5700 VT2P	VT2P	Y	107	AC,P5V,MAG
Federal	5915 VT2P	VT2P	Y	109	AC,P2,MAG
FS InVision	FS 5704V RIB	VT2P	Y	107	AC,P5V
FS InVision	FS 5815V RIB	VT2P	Y	108	AC,P5V,EDC-EL
FS InVision	FS 5909D2A EZR	5222A	Y	109	AC,P5V
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
Golden Harvest	G07G73-5122 EZR	5122	Y	107	AVC,C2,Vi
Golden Harvest	G10D21-3330 EZR	3330	Y	110	AVC,C5,Vi
Hefty	H5812 RIB	VT2P	Y	108	HC
Hefty	H5832 RIB	VT2P	Y	108	HC
Hefty	H5944 RIB	STX	Y	109	HC
Hefty	H5952	VT2P	N	109	HC
Hefty	H6042 RIB	VT2P	Y	110	HC
Hi Fidelity Genetics	HFG1092	CONV	N	109	AVC,C5,Vi
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P2,SU
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,EDC-B
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU
Kruger	K0858DP	VT2P	Y	108	AC,P5,EDC
Kruger	K0915DD	VT2PDG	Y	109	AC,P5,EDC
Kruger	K0917SS	STX	Y	109	AC,P5V,EDC-B
Kruger	K1005DP	VT2P	Y	110	AC,P2
Kruger	KR-4608D	VT2PDG	Y	108	AC,P2
Latham	LH 5725 VT2P RIB	VT2P	Y	107	AC,P2
Latham	LH 5769 SS RIB	STX	Y	107	AC,P5V
Latham	LH 5847 VT2P RIB	VT2P	Y	108	AC,P2
Latham	LH 5949 SS RIB	STX	Y	109	AC,P5
Latham	LH 6097 VT2P RIB	VT2P	Y	110	AC,P2
NK Brand	NK0748-5122 EZR	5122	Y	107	AVC,C2,Vi
NK Brand	NK0877-3220 EZR	3220	Y	108	AVC,C5,Vi
NuTech	68A7AM	AM	Y	108	Lum,P1V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
NuTech	69A6Q	QR	Y	109	Lum,P1V
NuTech	69B9Q	QR	Y	109	Lum,P1V
NuTech	70A8AM	AM	Y	110	Lum,P1V
NuTech	70F2Q	QR	Y	110	Lum,P1V
Pioneer	P0589AMXT CK	AMXT,AQ	Y	105	Lum
Pioneer	P0947Q GC	QR	Y	109	Lum
Pioneer	P1197AM GC	AM	Y	111	Lum
ProHarvest	79P49 VT2PRIB	VT2P	Y	109	AC,P5V
ProHarvest	79P72 3330EZ	3330	Y	109	AC,P5V
ProHarvest	79P87 SSRIB	STX	Y	109	AC,P5V
Renk	RK700SSTX	STX	N	107	AC,P5V
Renk	RK710DGV2P	VT2PDG	Y	107	AC,P2
Renk	RK765VT2PRIB	VT2P	Y	109	AC,P2
Renk	RK782VT2P	VT2P	N	109	AC,P5V
Renk	RK805VT2P	VT2P	N	110	AC,P2
Titan Pro	11-11	CONV	N	111	C2
Titan Pro	92-09	CONV	N	109	AC,P2
Titan Pro	94-09 2P	VT2P	Y	109	AC,P2
Viking	48-08	CONV	N	108	CM,C2,Sb
Viking	72-06	CONV	N	106	CM,C2,Sb
Wyffels	W5086RIB	VT2P	Y	107	AC,P2
Wyffels	W6408RIB	STX	Y	110	AC,P5V
Wyffels	W6826RIB	VT2P	Y	111	AC,P2
Wyffels	W6978RIB	STX	Y	111	AC,P5V

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## Footnotes and Abbreviations Descriptions

### Brand Footnotes

<sup>^</sup> 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 Technologies

3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
AMXT	Optimum® AcreMax® Xtreme
AQ	Optimum® AQUAmax®
CONV	Conventional
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
PC	PowerCore™
QR	Qrome™
RR2	Roundup Ready® 2 Corn
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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

## Corn Seed Treatments\*

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NA	Not Available
AC250	Acceleron® 250
AC,P2	Acceleron® 250
AC,P2,MAG	Acceleron® 250, Federal ArmourGuard
AC,P2,SU	Acceleron® 250, StepUp
AC,P5	Acceleron® 500
AC,P5,EDC	Acceleron® 500, Enhanced Disease Control
AC,P5,SU	Acceleron® 500, StepUp
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B-360	Acceleron® Poncho 500/Votivo with B-360 SAT
AC,P5V,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,MAG	Acceleron® Poncho 500/Votivo, Federal ArmourGuard
AC,P5V,SU	Acceleron® Poncho 500/Votivo, StepUp
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
AVC,C5	Avicta® Complete 500
AVC,C5,Vi	Avicta® Complete 500, Vibrance
C2	Cruiser 250
CM,C2	CruiserMaxx® 250
CM,C2,Sb	CruiserMaxx® 250, SabrEx Innoculant
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
P5V	Poncho 500/Votivo
Treated	Treated seed, unspecified
Vi5	Vibrance® Cinco

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