

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

## 2023 Corn Grain Top 30 Harvest Report

Nebraska Northeast [NENE] COLERIDGE, NE  
Rob-See-Co, Austin Koch, Cedar County, NE

<b>Early-Season Test</b>	105 - 110 Day CRM B2023NENE01a
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Enlist One, Glyphosate, Liberty
<b>SOIL DESCRIPTION:</b>	Moody silty clay loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	No-Till, very high P, very high K, 5.5 pH, 3.9% OM, 21.3 CEC
<b>PEST MANAGEMENT:</b>	Verdict, 2,4-D, Glyphosate, Callisto
<b>FERTILITY - Applied N:</b>	58 Spring, 20 Planter, 69 Sidedress, 11 Foliar Rescue
<b>Applied N-P-K (units):</b>	158-48-44
<b>SEEDED - RATE - ROW:</b>	May 4 30.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 2 26.1 /A

### TEST COMMENTS:

Austin Koch's dryland farm was impacted by several events throughout the year that ultimately determined the outcome of this plot. Austin mentioned a heavy wind event in July prior to tassel which resulted in a lot of goosnecking and leaning. The plants lodged during the rapid elongation phase of growth but were able to recover and pollinate. In addition to these stressors, the annual precipitation was 3.7 inches below the 10-yr average at this location. Though pollination was relatively successful, a long stretch of high heat and trace amounts of moisture followed. Leading into August the excessive heat took its toll on grain fill and reduced yields. One replicate of the full-season test was removed due to higher lodging damage, and that test's results should be used with caution due to elevated variability.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hoegemeyer	8052Q ↗	QR	110	<b>160.5</b>	17.3	1	27.3	724	1
Renk	RK766SSPRO ↗	STXP	109	<b>157.1</b>	16.9	1	25.5	711	2
Rob-See-Co	RC5836-VT2P ↗	VT2P	108	<b>155.9</b>	16.7	9	25.5	706	3
Four Star	EXP 2303 ↗	VT2P	110	<b>155.1</b>	18.8	15	27.3	690	5
Rob-See-Co	RC5704-SSP ↗	STXP	107	151.8	16.2	1	25.0	691	4
Hoegemeyer	7917Q ↗	QR	109	151.6	16.4	1	26.7	689	6
Pioneer	P0622Q GC ↗	QR	106	151.0	16.3	2	27.3	687	7
Hefty	H6042 RIB ↗	VT2P	110	150.5	19.1	9	23.8	668	9
Renk	RK707TRE ↗	TRE	105	148.5	15.3	3	26.7	682	8
Integra	6061 STXRIB ↗	STX	110	145.9	18.0	2	26.1	653	13
Renk	RK773TRE ↗	TRE	109	145.8	17.3	19	25.6	657	11
AgriGold	A640-12STX GC ↗	STX	110	145.5	17.8	6	25.6	653	14
Heine	7910 ↗	VT2P	109	145.3	18.3	18	27.3	649	15
Rob-See-Co	RC5929-VT2P ↗	VT2P	109	145.1	17.3	17	25.5	654	12
Hefty	H5674 ↗	STXP	106	143.5	15.4	1	27.3	658	10
Heine	7980 ↗	PCE	109	140.2	17.4	10	27.9	631	16
Golden Harvest	G10B61-AA ↗	AA	110	138.4	17.7	4	26.7	622	17
Hoegemeyer	7858AM ↗	AM	108	138.3	17.7	12	22.6	621	18
Rob-See-Co	RC6038-V ↗	V	110	137.2	17.4	23	26.1	618	19
Heine	8185STX ↗	STX	110	135.7	19.0	11	24.4	603	20
Hefty	H5862 ↗	VT2P	108	134.6	18.4	14	25.6	601	21
Hefty	H5952 ↗	VT2P	109	132.3	17.8	12	23.2	594	23
Renk	RK703PWE ↗	PCE	106	131.6	17.3	3	26.7	593	25
Integra	5802 VT2PRIB ↗	VT2P	108	130.3	16.0	8	27.3	594	24
Hefty	H5655 ↗	TRE	106	129.7	15.3	17	26.7	595	22
Pioneer	P0953AM GC ↗	AM	109	129.3	17.7	9	27.9	581	27
Rob-See-Co	RC5694-VT2P ↗	VT2P	106	129.3	16.2	14	26.7	589	26
Golden Harvest	G10L16-DV ↗	DV	110	128.1	17.3	2	24.4	578	29
NK Brand	NK0922-V ↗	V	109	126.7	16.9	30	26.7	573	31
Renk	RK720TRE ↗	TRE	106	125.5	15.1	7	26.1	577	30
<b>PIONEER</b>	<b>P1185AM CK</b>	<b>AM</b>	<b>111</b>	<b>129.2</b>	<b>17.5</b>	<b>9</b>	<b>24.4</b>	<b>581</b>	<b>28</b>
				<b>Averages =</b>	<b>138.3</b>	<b>17.2</b>	<b>9</b>	<b>26.1</b>	<b>624</b>
				LSD (0.10) =	15.1	0.7	10		
				LSD (0.25) =	7.9	0.4	5		
				C.V. =	10.4				

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### Yield & Income Factors:

Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.60

Historic yield: new site

Report Date: 11/02/2023

† 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. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

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## 2023 Corn Grain Top 30 Harvest Report

Nebraska Northeast [NENE] COLERIDGE, NE  
Rob-See-Co, Austin Koch, Cedar County, NE

<b>Full-Season Test</b>	111 - 115 Day CRM B2023NENE01b
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (2) Replications
<b>PREV. CROP/HERB:</b>	Corn / Enlist One, Glyphosate, Liberty
<b>SOIL DESCRIPTION:</b>	Moody silty clay loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	No-Till, very high P, very high K, 5.5 pH, 3.9% OM, 21.3 CEC
<b>PEST MANAGEMENT:</b>	Verdict, 2,4-D, Glyphosate, Callisto
<b>FERTILITY - Applied N:</b>	58 Spring, 20 Planter, 69 Sidedress, 11 Foliar Rescue
<b>Applied N-P-K (units):</b>	158-48-44
<b>SEEDED - RATE - ROW:</b>	May 4 30.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 2 26.5 /A

### TEST COMMENTS:

Austin Koch's dryland farm was impacted by several events throughout the year that ultimately determined the outcome of this plot. Austin mentioned a heavy wind event in July prior to tassel which resulted in a lot of goosnecking and leaning. The plants lodged during the rapid elongation phase of growth but were able to recover and pollinate. In addition to these stressors, the annual precipitation was 3.7 inches below the 10-yr average at this location. Though pollination was relatively successful, a long stretch of high heat and trace amounts of moisture followed. Leading into August the excessive heat took its toll on grain fill and reduced yields. One replicate of the full-season test was removed due to higher lodging damage, and that test's results should be used with caution due to elevated variability.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hoegemeyer	8397Q ↗	QR	113	<b>191.4</b>	18.5	1	25.3	854	1
Rob-See-Co	RC6381-SSP ↗	STXP	113	<b>176.5</b>	18.0	1	27.0	791	2
Rob-See-Co	RC6411-VT2P ↗	VT2P	114	<b>170.6</b>	18.7	1	27.0	760	3
NK Brand	NK1333-AA ↗	AA	113	<b>164.9</b>	18.6	3	26.1	735	4
AgriGold	A641-85TRCRIB GC ↗	TRE	111	163.1	18.5	10	28.8	727	5
Renk	RK876VT2P ↗	VT2P	113	159.0	18.2	9	26.2	711	6
Integra	6342 TRERIB ↗	TRE	113	157.6	17.5	17	26.2	709	7
Heine	8145 ↗	VT2P	111	153.5	18.6	20	24.4	684	9
Rob-See-Co	RC6131-TRE ↗	TRE	111	153.2	18.1	17	27.0	686	8
Integra	6493 VT2PRIB ↗	VT2P	114	152.1	18.0	9	23.5	681	11
Hoegemeyer	8454Q ↗	QR	114	151.7	17.3	1	27.9	684	10
Hefty	H6532 VT2PRIB ↗	VT2P	115	151.4	20.2	13	26.1	665	14
Wyllfels	W7945RIB ↗	TRE	114	150.0	17.5	10	25.3	675	12
Golden Harvest	G11V76-AA ↗	AA	111	149.9	19.0	1	28.8	666	13
Hefty	H6355 ↗	TRE	113	144.8	17.5	9	25.3	652	15
ProHarvest	83P66 VT2P ↗	VT2P	113	144.5	18.9	9	26.1	642	17
Rob-See-Co	RC6232-DGVT2P ↗	VT2PDG	112	143.3	17.6	19	27.0	644	16
Renk	RK958VT2P ↗	VT2P	115	142.5	18.2	9	24.4	637	18
Renk	RK915VT2P ↗	VT2P	115	141.9	18.8	17	27.0	631	21
Renk	RK811PWE ↗	PCE	111	141.6	18.1	5	26.1	634	19
Heine	8354 ↗	PCE	113	140.9	18.8	3	27.9	627	25
Heine	8296 ↗	PCE	112	140.5	18.3	13	26.1	628	23
Hoegemeyer	8125AM ↗	AM	111	140.4	17.2	5	27.9	633	20
Four Star	6D77 ↗	TRE	115	140.1	17.9	20	27.9	628	24
Heine	8370 ↗	VT2PDG	112	140.0	19.6	23	26.2	618	28
Hefty	H6252 ↗	VT2P	112	138.5	17.5	15	28.8	623	26
Hoegemeyer	8110AM ↗	AM	111	138.5	18.0	10	27.0	620	27
Renk	RK895DGVT2P ↗	VT2PDG	113	136.4	17.7	19	27.0	613	29
ProHarvest	83P33 DGVT2PRIB ↗	VT2PDG	113	135.5	18.9	26	25.3	602	31
DeKalb	DKC62-70RIB GC ↗	VT2P	112	135.1	18.4	21	24.4	603	30
<b>PIONEER</b>	<b>P1185AM CK</b>	<b>AM</b>	<b>111</b>	<b>140.3</b>	<b>17.7</b>	<b>15</b>	<b>26.2</b>	<b>630</b>	<b>22</b>
				<b>Averages =</b>	<b>139.3</b>	<b>18.6</b>	<b>14</b>	<b>26.5</b>	<b>621</b>
				LSD (0.10) =	24.2	1.1	12		
				LSD (0.25) =	12.7	0.6	6		
				C.V. =	13.4				

*Corey Rozenboom*

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### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$4.60

Historic yield: new site

Report Date: 11/02/2023

† 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. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

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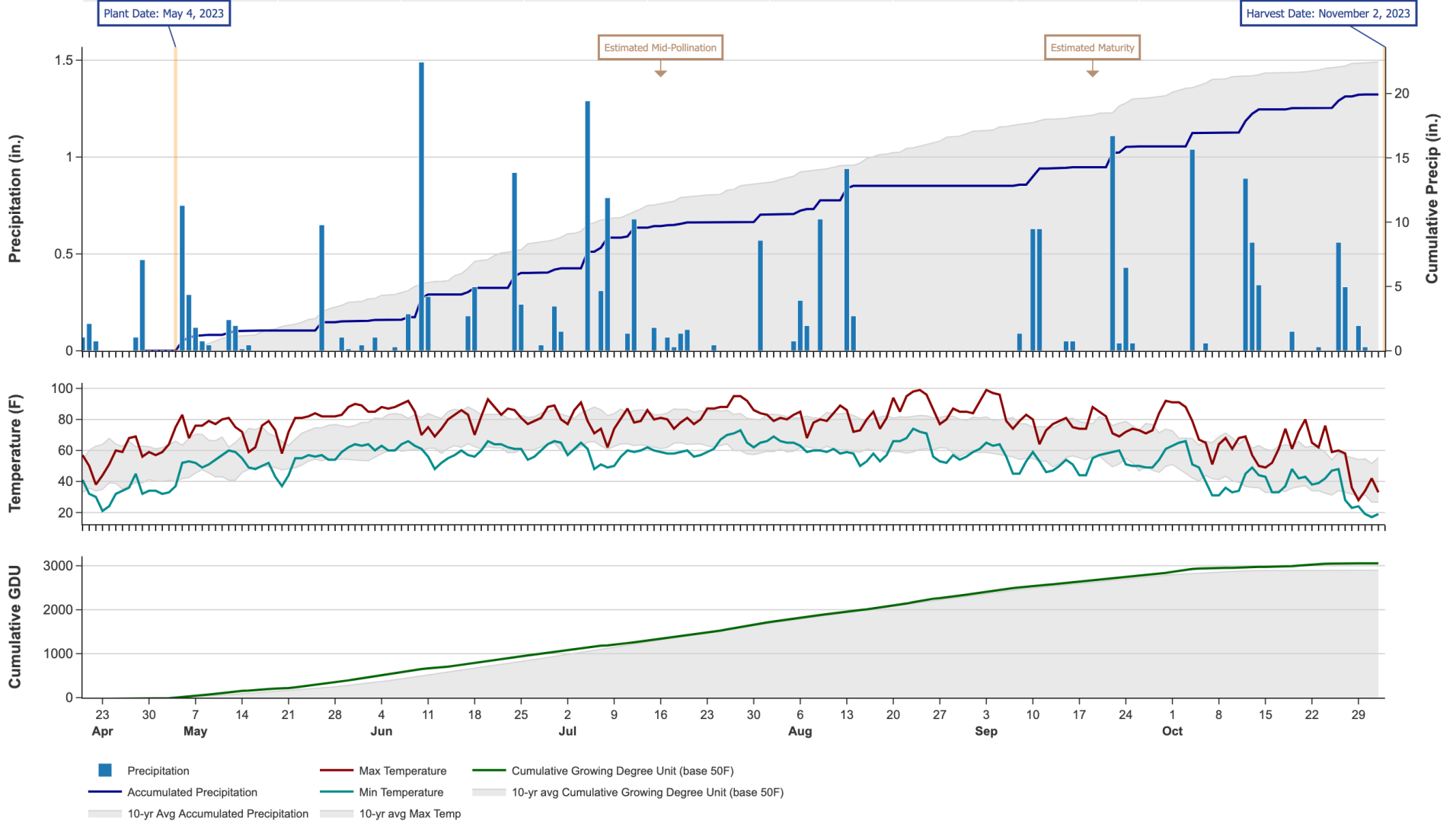
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# 2023 Corn - Nebraska Northeast [ NENE ]

## Weather Conditions Summary at COLERIDGE, NE

Weather Data Retrieved: 11/02/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in)   (Diff)	0.8   1.1 (-0.3)	2.3   4.7 (-2.4)	4.0   4.8 (-0.8)	4.3   4.4 (-0.1)	2.2   3.8 (-1.6)	3.1   3.0 (+0.1)	4.0   2.6 (+1.4)	0.0   0.0 (0.0)	20.7   24.4 (-3.7)
GDU   Avg (Diff)	18   42 (-24)	430   319 (+110)	632   646 (-14)	634   720 (-86)	658   648 (+9)	494   477 (+16)	218   113 (+104)	0   0 (0)	3084   2968 (+115)



\* 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.

## 2023 Corn - Nebraska Northeast [ NENE ]

### Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A640-12STX GC	STX	N*	110	AC,P5V,EDC-B
Augusta	A1259-5222	DV	Y*	109	CM,C2
Four Star	6D59	VT2P	Y	110	AC,P2
Four Star	EXP 2303	VT2P	Y	110	AC,P5V
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Va
Golden Harvest	G10L16-DV	DV	Y	110	AVC,C5,Vi,Va
Hefty	H5655	TRE	N	106	HC
Hefty	H5674	STXP	Y	106	HC
Hefty	H5862	VT2P	N	108	HC
Hefty	H5952	VT2P	N	109	HC
Hefty	H6042 RIB	VT2P	Y	110	HC
Heine	7910	VT2P	Y*	109	Treated
Heine	7975	VT2P	Y	109	Treated
Heine	7980	PCE	Y	109	Treated
Heine	8010VT2P	VT2P	Y*	110	Treated
Heine	8185STX	STX	Y	110	Treated
Hoegemeyer	7858AM	AM	Y	108	Lum, L1
Hoegemeyer	7917Q	QR	Y	109	Lum, L1
Hoegemeyer	8052Q	QR	Y	110	Lum, L1
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	6061 STXRIB	STX	Y	110	AC,P5V,SU+Zn
NK Brand	NK0922-V	V	Y	109	CM,C5,Va
NK Brand	NK1040-AA	AA	Y	110	CM,C5,Va
Pioneer	P0622Q GC	QR	Y	106	Lum, L1
Pioneer	P0953AM GC	AM	Y	109	Lum, L1
Pioneer	P1185AM CK	AM	Y	111	Lum, L1
Renk	RK703PWE	PCE	N	106	Lum,P5V
Renk	RK707TRE	TRE	N	105	AC,P5V,B300
Renk	RK720TRE	TRE	N	106	AC,P2
Renk	RK766SSPRO	STXP	N	109	AC,P5V,B300
Renk	RK773TRE	TRE	N	109	AC,P5V,B300
Rob-See-Co	RC5694-VT2P	VT2P	Y	106	AC,P2
Rob-See-Co	RC5704-SSP	STXP	Y	107	CM,C2,Vi,Va
Rob-See-Co	RC5836-VT2P	VT2P	Y	108	CM,C2,Vi,Va
Rob-See-Co	RC5929-VT2P	VT2P	Y	109	AC,P5V
Rob-See-Co	RC6038-V	V	Y	110	CM,C2,Vi,Va

\* 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.

## 2023 Corn - Nebraska Northeast [ NENE ]

### Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A641-85TRCRIB GC	TRE	N*	111	AC,P5V,EDC-B
AgriGold	A642-76VT2RIB GC	VT2P	Y	112	AC,P5V,EDC-B
DeKalb	DKC111-35RIB GC	VT2P	Y*	111	AC,P5V,EDC-EL
DeKalb	DKC62-70RIB GC	VT2P	Y	112	AC,P5V,EDC-EL
DeKalb	DKC64-22RIB GC	VT2P	Y	114	AC,P5V,EDC-EL
Four Star	6D64	TRE	Y	112	AC,P2
Four Star	6D72	VT2P	Y	114	AC,P2
Four Star	6D77	TRE	Y	115	AC,P2
Four Star	EXP 2304	VT2P	Y	112	AC,P5V
Golden Harvest	G11V76-AA	AA	Y	111	CM,C5,Va
Golden Harvest	G15J91-V	V	Y	115	CM,C5,Va
Hefty	H6145 TRERIB	TRE	Y	111	HC
Hefty	H6252	VT2P	N	112	HC
Hefty	H6263	VT2PDG	N	112	HC
Hefty	H6355	TRE	N	113	HC
Hefty	H6532 VT2PRIB	VT2P	Y	115	HC
Heine	8145	VT2P	Y	111	Treated
Heine	8296	PCE	Y	112	Treated
Heine	8354	PCE	Y	113	Treated
Heine	8370	VT2PDG	N	112	Treated
Heine	8420	VT2P	Y*	114	Treated
Hoegemeyer	8110AM	AM	Y	111	Lum, L1
Hoegemeyer	8125AM	AM	Y	111	Lum, L1
Hoegemeyer	8397Q	QR	Y	113	Lum, L1
Hoegemeyer	8454Q	QR	Y	114	Lum, L1
Integra	6342 TRERIB	TRE	Y	113	AC,P5V,SU+Zn
Integra	6493 VT2PRIB	VT2P	Y*	114	AC,P5V,SU+Zn
Integra	6588 VT2PRIB	VT2P	Y	115	AC,P5V,SU+Zn
NK Brand	NK1333-AA	AA	Y	113	CM,C5,Va
NK Brand	NK1523-V	V	Y	115	CM,C5,Va
Pioneer	P1164AM GC	AM	Y	111	Lum, L1
Pioneer	P1185AM CK	AM	Y	111	Lum, L1
Pioneer	P1244AM GC	AM,AQ	Y	112	Lum
ProHarvest	83P33 DGVT2PRIB	VT2PDG	Y	113	AC,P5V,Va
ProHarvest	83P66 VT2P	VT2P	N	113	AC,P5V
Renk	RK811PWE	PCE	N	111	Lum,P5V
Renk	RK876VT2P	VT2P	N	113	AC,P5V,B300
Renk	RK895DGVT2P	VT2PDG	N	113	AC,P2
Renk	RK915VT2P	VT2P	N	115	AC,P2
Renk	RK958VT2P	VT2P	N	115	AC,P2
Rob-See-Co	RC6131-TRE	TRE	Y	111	CM,C2,Vi,Va
Rob-See-Co	RC6232-DGVT2P	VT2PDG	Y	112	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Rob-See-Co	RC6381-SSP	STXP	Y	113	AC,P5V,EDC-EL
Rob-See-Co	RC6392-PCE	PCE	N	113	AC250
Rob-See-Co	RC6411-VT2P	VT2P	Y	114	CM,C2,Vi,Va
Wyffels	W7876RIB	VT2P	Y	114	CM,C2,Vi,Va
Wyffels	W7945RIB	TRE	Y*	114	CM,C2,Vi,Va
Wyffels	W8086	VT2P	N	114	AC,P5

\* 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.

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta. Power Plus® brand seed is distributed by Burrus. Power Plus® is a registered trademark of Corteva Agriscience.

### Corn Technologies

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AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
AQ	Optimum® AQUAmax®
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
PCE	PowerCore® Enlist®
QR	Qrome®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®

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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,P5	Acceleron® 500
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B300	Acceleron® Poncho 500/Votivo with B-300 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,SU+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AVC,C5,Vi,Va	Avicta Complete 500, Vibrance, Vayantis
CM,C2	CruiserMaxx® 250
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
Lum,P5V	LumiGEN™ Poncho 500/Votivo
Treated	Treated seed, unspecified

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