

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

2023 Corn Grain Top 30 Harvest Report

Nebraska Northeast [NENE] ELGIN, NE
Ray Payne, Antelope County, NE

Early-Season Test	105 - 110 Day CRM B2023NENE02a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Authority, Liberty, Roundup Powermaxx, Section Three
SOIL DESCRIPTION:	Loretto loam, well drained, irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.7 pH, 2.7% OM, 12.8 CEC
PEST MANAGEMENT:	Balance Flexx, Harness Xtra, Diflexx
FERTILITY - Applied N:	18 Planter, 100 Sidedress, 100 Foliar Rescue
Applied N-P-K (units):	218-0-0
SEEDED - RATE - ROW:	May 11 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 24 29.6 /A

TEST COMMENTS:

The Loretto loam soil type at this site is consistent in this low-lying terrain near Elgin, NE. On Ray's irrigated farm, plants were at a major advantage during many of the hot dry spells that occurred this summer. During pollination ideal conditions allowed for optimal pollination; resulting in fully developed ears. Ray and neighbors reported seeing favorable yields on their dryland corners; this was attributed to optimal growing conditions in July. Minimal lodging was observed at this site, yet some severe winds during those early July weather events produced a very mild amount of green snap. Overall this site is very uniform in soil type, terrain and placement under center pivot irrigation.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	5802 VT2PRIB ↗	VT2P	108	280.4	17.4	1	30.2	1263	2
Pioneer	P0953AM GC ↗	AM	109	276.4	18.5	1	30.8	1233	3
Hoegemeyer	8052Q ↗	QR	110	275.3	18.7	1	32.0	1225	5
Hefty	H5862 ↗	VT2P	108	273.8	18.7	1	31.9	1219	6
Hoegemeyer	7917Q ↗	QR	109	273.4	18.5	1	31.4	1219	7
Heine	8185STX ↗	STX	110	273.0	20.1	1	28.5	1200	13
Renk	RK773TRE ↗	TRE	109	272.5	17.2	1	28.4	1229	4
Heine	7910 ↗	VT2P	109	272.5	18.6	1	29.0	1215	9
Integra	6061 STXRIB ↗	STX	110	272.5	20.2	1	29.6	1197	14
Hefty	H6042 RIB ↗	VT2P	110	271.9	19.6	1	31.4	1201	12
Rob-See-Co	RC5929-VT2P ↗	VT2P	109	271.7	18.1	1	30.2	1216	8
Heine	7980 ↗	PCE	109	271.0	18.2	1	29.6	1212	10
Four Star	EXP 2303 ↗	VT2P	110	270.6	18.7	1	32.0	1205	11
AgriGold	A640-12STX GC ↗	STX	110	268.3	19.4	1	30.2	1187	16
Hoegemeyer	7858AM ↗	AM	108	266.5	18.3	1	29.6	1190	15
Renk	RK766SSPRO ↗	STXP	109	263.5	17.7	1	27.9	1184	18
Rob-See-Co	RC5694-VT2P ↗	VT2P	106	262.2	17.1	1	29.6	1184	19
Renk	RK707TRE ↗	TRE	105	261.6	16.7	1	30.2	1186	17
Rob-See-Co	RC5836-VT2P ↗	VT2P	108	260.7	17.6	1	29.0	1172	21
Hefty	H5674 ↗	STXP	106	260.6	17.5	1	29.6	1173	20
Hefty	H5952 ↗	VT2P	109	260.6	18.5	1	26.7	1162	22
Four Star	6D59 ↗	VT2P	110	260.4	18.6	1	29.6	1160	24
Heine	8010VT2P ↗	VT2P	110	260.4	19.2	1	30.8	1154	26
Heine	7975 ↗	VT2P	109	258.7	18.4	1	29.6	1155	25
Golden Harvest	G10B61-AA ↗	AA	110	257.1	19.1	1	29.6	1141	29
Renk	RK720TRE ↗	TRE	106	256.8	16.9	1	26.7	1162	23
NK Brand	NK1040-AA ↗	AA	110	256.6	18.7	1	28.5	1143	28
Rob-See-Co	RC5704-SSP ↗	STXP	107	255.2	17.4	1	29.0	1149	27
Rob-See-Co	RC6038-V ↗	V	110	253.7	19.3	1	29.6	1123	30
Hefty	H5655 ↗	TRE	106	248.1	17.0	1	30.8	1121	31
PIONEER	P1185AM CK	AM	111	283.2	18.5	1	31.9	1263	1

Corey Rozenboom

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

Averages = **263.8** **18.4** **1** **29.6** **1177**

LSD (0.10) = 9.2 0.4 1

LSD (0.25) = 4.8 0.2 1

C.V. = 3.3

Historic yield: 265.94 bu/a, 1 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.60

Report Date: 10/25/2023

† 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

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2023 Corn Grain Top 30 Harvest Report

Nebraska Northeast [NENE] ELGIN, NE
Ray Payne, Antelope County, NE

Full-Season Test	111 - 115 Day CRM B2023NENE02b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Authority, Liberty, Roundup Powermaxx, Section Three
SOIL DESCRIPTION:	Loretto loam, well drained, irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.7 pH, 2.7% OM, 12.8 CEC
PEST MANAGEMENT:	Balance Flexx, Harness Xtra, Diflexx
FERTILITY - Applied N:	18 Planter, 100 Sidedress, 100 Foliar Rescue
Applied N-P-K (units):	218-0-0
SEEDED - RATE - ROW:	May 11 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 24 30.0 /A

TEST COMMENTS:

The Loretto loam soil type at this site is consistent in this low-lying terrain near Elgin, NE. On Ray's irrigated farm, plants were at a major advantage during many of the hot dry spells that occurred this summer. During pollination ideal conditions allowed for optimal pollination; resulting in fully developed ears. Ray and neighbors reported seeing favorable yields on their dryland corners; this was attributed to optimal growing conditions in July. Minimal lodging was observed at this site, yet some severe winds during those early July weather events produced a very mild amount of green snap. Overall this site is very uniform in soil type, terrain and placement under center pivot irrigation.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hoegemeyer	8454Q ↗	QR	114	286.6	19.2	1	31.4	1270	1
ProHarvest	83P66 VT2P ↗	VT2P	113	283.2	19.8	2	28.4	1249	2
Hoegemeyer	8125AM ↗	AM	111	278.3	19.0	1	31.4	1235	4
Hefty	H6145 TRERIB ↗	TRE	111	276.7	19.3	1	28.5	1226	6
Heine	8145 ↗	VT2P	111	276.4	19.5	1	30.2	1221	8
AgriGold	A642-76VT2RIB GC ↗	VT2P	112	276.4	19.2	1	30.2	1225	7
Heine	8354 ↗	PCE	113	275.8	18.7	1	30.8	1228	5
Hoegemeyer	8397Q ↗	QR	113	274.0	19.6	1	27.3	1210	10
Renk	RK876VT2P ↗	VT2P	113	273.8	19.7	1	31.9	1208	11
Four Star	6D64 ↗	TRE	112	273.3	19.2	1	27.9	1212	9
Four Star	EXP 2304 ↗	VT2P	112	270.5	19.0	1	29.1	1201	13
ProHarvest	83P33 DGVT2PRIB ↗	VT2PDG	113	270.4	18.6	1	31.4	1205	12
Four Star	6D77 ↗	TRE	115	269.6	19.9	1	30.2	1187	17
AgriGold	A641-85TRCRIB GC ↗	TRE	111	268.6	19.3	1	30.8	1189	16
Wyffels	W8086 ↗	VT2P	114	268.6	20.8	2	30.8	1173	21
Rob-See-Co	RC6131-TRE ↗	TRE	111	268.3	19.1	1	30.8	1191	15
Hefty	H6252 ↗	VT2P	112	267.7	18.6	1	30.8	1193	14
Renk	RK895DGVT2P ↗	VT2PDG	113	267.0	18.9	1	30.2	1187	18
Wyffels	W7945RIB ↗	TRE	114	265.4	18.9	1	30.8	1179	19
NK Brand	NK1333-AA ↗	AA	113	265.3	19.4	1	30.2	1173	22
Wyffels	W7876RIB ↗	VT2P	114	265.2	19.6	1	30.2	1171	23
Hefty	H6263 ↗	VT2PDG	112	264.9	19.1	1	29.6	1175	20
Renk	RK915VT2P ↗	VT2P	115	262.9	20.2	1	29.0	1155	31
Heine	8420 ↗	VT2P	114	262.5	18.8	1	28.5	1168	24
Rob-See-Co	RC6381-SSP ↗	STXP	113	262.2	19.0	2	30.8	1164	26
Rob-See-Co	RC6232-DGVT2P ↗	VT2PDG	112	261.9	19.2	1	29.0	1161	28
DeKalb	DKC111-35RIB GC ↗	VT2P	111	261.4	19.0	2	30.2	1160	29
Hefty	H6355 ↗	TRE	113	260.3	18.0	1	29.6	1166	25
DeKalb	DKC64-22RIB GC ↗	VT2P	114	260.1	18.9	1	28.4	1156	30
Integra	6342 TRERIB ↗	TRE	113	259.5	18.0	1	31.4	1162	27
PIONEER	P1185AM CK	AM	111	279.7	19.1	1	30.2	1241	3
				Averages =	263.4	19.5	1	30.0	1165
				LSD (0.10) =	9.0	0.6	ns		
				LSD (0.25) =	4.7	0.3	ns		
				C.V. =	3.2				
Corey Rozenboom				Historic yield: 265.94 bu/a, 1 yr(s)					
corey.rozenboom@firstseedtests.com, (319) 830-8886									

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.60

Report Date: 10/25/2023

† 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

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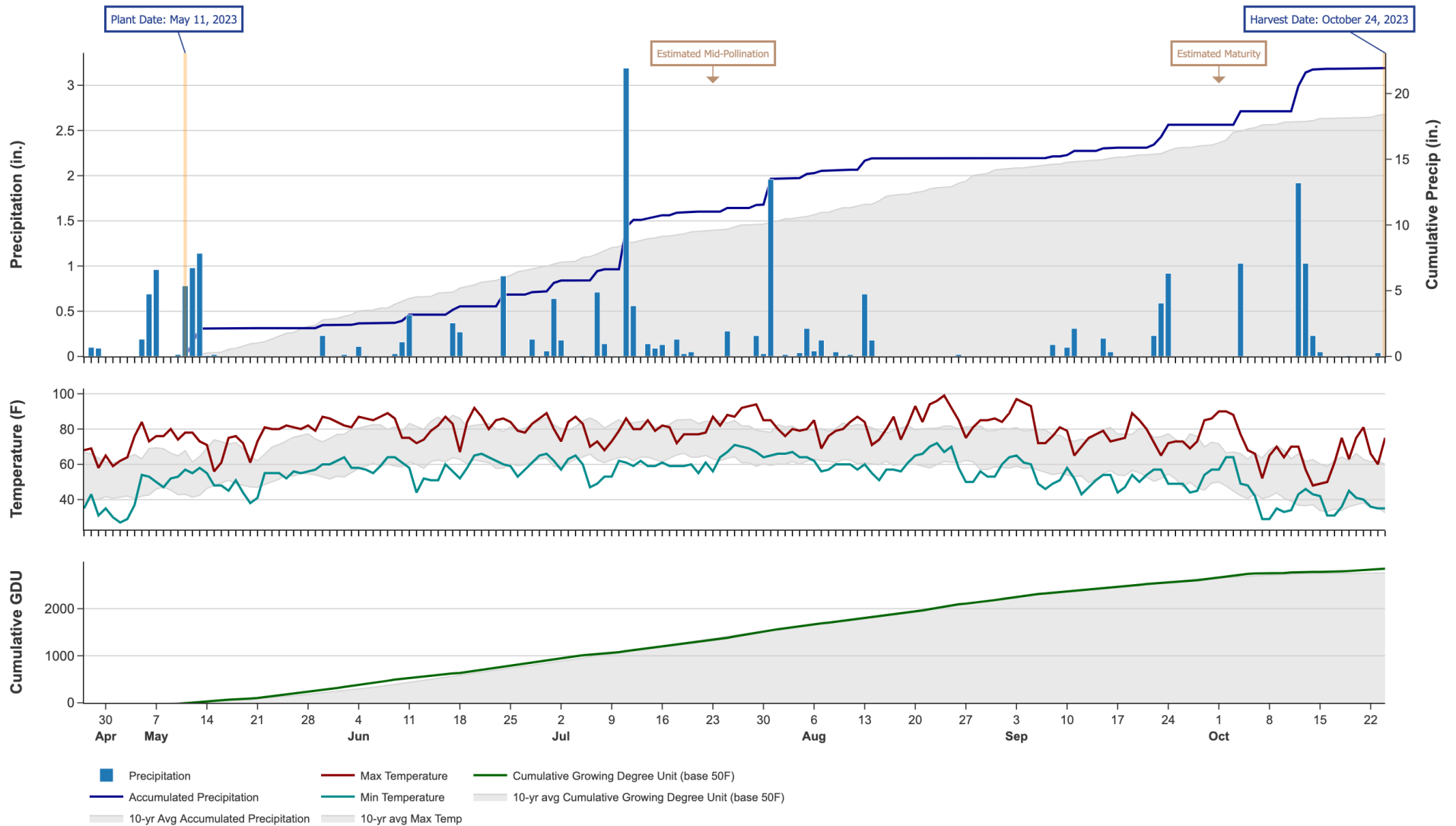
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2023 Corn - Nebraska Northeast [NENE]

Weather Conditions Summary at ELGIN, NE

Weather Data Retrieved: 10/25/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.2 0.6 (-0.4)	5.0 4.4 (+0.6)	2.6 4.0 (-1.4)	8.6 3.4 (+5.2)	1.6 4.0 (-2.4)	2.5 1.9 (+0.6)	4.3 2.3 (+2.0)	24.8 20.6 (+4.2)
GDU Avg (Diff)	26 28 (-2)	409 305 (+103)	613 624 (-11)	636 704 (-68)	642 636 (+5)	464 460 (+3)	203 114 (+88)	2993 2875 (+117)



* 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

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

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®

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

Corn Seed Treatments*

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

* Seed treatments may include unspecified plant health promoting components.