

Test by: F.I.R.S.T. CCB, Inc. Elizabeth, IL

2023 Corn Grain Top 30 Harvest Report

Iowa South [IASO] FARRAGUT, IA
Steve Lorimor, Fremont County, IA 51639

Early-Season Test	106 - 111 Day CRM B2023IASO34a
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Liberty, Glyphosate
SOIL DESCRIPTION:	Kennebec silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 6.9 pH, 3.6% OM, 18.5 CEC
PEST MANAGEMENT:	Cadence Nxt, Mesotrione, Glyphosate, Padlock Plus, Trivapro
FERTILITY - Applied N:	165 Fall
Applied N-P-K (units):	165-52-45
SEEDED - RATE - ROW:	Apr 26 35.0 /A 30" spacing
HARVESTED - STAND:	Sep 21 33.5 /A

TEST COMMENTS:

This location was planted after the cold snap in mid-April and soil conditions were very good. The plants emerged well. On the July 1, this area got hit with a heavy wind storm, and laid the plot flat. Plants were goose necked and root lodged, which is noted in lodging scores. The ears were not set yet and plants did return to fairly upright positions. This allowed pollination to perform well. Brent and Steve both thought the yields would be lower after seeing the damage the wind did, but were pleased to see the outcome. There was no weed pressure. Plants were well matured and had sturdy cobs.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK Brand	NK1188-D ↗	D	111	240.7	17.0	11	33.8	1104	1
Renk	RK773TRE ↗	TRE	109	238.9	16.5	29	32.9	1101	2
NuTech	70B4AM ↗	AM	110	236.1	16.3	25	32.9	1090	3
Channel	210-46VT2PRIB GC ↗	VT2P	110	235.3	16.4	27	32.9	1086	4
Golden Harvest	G10L16-DV ↗	DV	110	232.8	16.2	47	33.8	1076	5
Golden Harvest	G11V76-AA ↗	AA	111	230.6	15.6	25	32.9	1071	6
Integra	CXINT108VT ↗	VT2P	108	230.2	15.8	34	34.8	1068	7
Wyffels	W6215 ↗	TRE	109	228.8	16.0	46	34.8	1059	9
Titan Pro	31-10 PCE ↗	PCE	110	228.7	15.3	20	33.8	1066	8
Dyna-Gro	D50VC09RIB ↗	VT2P	110	228.3	16.4	26	33.8	1053	10
Pioneer	P1108Q GC ↗	QR	111	227.6	17.0	41	33.8	1044	11
NuTech	68A9AM ↗	AM	108	224.6	16.5	52	33.8	1035	14
NK Brand	NK1040-AA ↗	AA	110	224.3	15.8	57	33.8	1041	12
Hoegemeyer	8125AM ↗	AM	111	223.8	15.8	17	32.9	1038	13
Wyffels	W7048 ↗	STX	111	222.2	16.0	31	32.9	1029	15
FS InVision	FS 6025X RIB ↗	STX	110	221.7	16.9	28	33.8	1019	18
Taylor	6012 TRE ↗	TRE	111	221.4	16.2	20	33.8	1023	16
Brevant	B10Y21Q GC ↗	QR	110	220.9	16.1	36	34.8	1022	17
Renk	RK766SSPRO ↗	STXP	109	220.4	16.3	35	34.8	1018	19
Renk	RK811PWE ↗	PCE	111	220.1	19.4	59	33.8	989	27
NuTech	66D1AM ↗	AM	106	218.6	16.9	35	32.9	1005	22
NuTech	68A7AM ↗	AM	108	218.0	16.8	23	32.9	1002	23
Pioneer	P1164AM GC ↗	AM	111	217.9	15.9	39	33.8	1010	20
Wyffels	W5406 ↗	VT2P	108	217.1	16.4	22	33.8	1001	24
FS InVision	FS 6137PC ↗	PCE	111	217.0	15.8	47	32.9	1006	21
Renk	RK703PWE ↗	PCE	106	215.1	16.6	29	34.8	990	25
Augusta	A1259-5222 ↗	DV	109	214.5	16.4	62	33.8	989	28
Kruger	K1191DT ↗	TRE	111	214.1	16.2	81	32.9	990	26
Kruger	K0915DD ↗	VT2PDG	109	213.7	16.0	35	31.9	989	29
NuTech	71A2AM ↗	AM	111	211.7	16.1	41	32.9	979	30
DEKALB	DKC111-35RIB CK	VT2P	111	208.4	16.1	33	34.8	964	33



Randy Meinsma

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Averages = **218.6** **16.4** **35** **33.5** **1008**

LSD (0.10) = 6.5 ns ns

LSD (0.25) = 3.4 ns ns

C.V. = 2.8

Historic yield: 224.83 bu/a, 12 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.67

Report Date: 09/25/2023

† 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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Steve Lorimor, Fremont County, IA 51639

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Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
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SOIL DESCRIPTION:	Kennebec silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 6.9 pH, 3.6% OM, 18.5 CEC
PEST MANAGEMENT:	Cadence Nxt, Mesotrione, Glyphosate, Padlock Plus, Trivapro
FERTILITY - Applied N:	165 Fall
Applied N-P-K (units):	165-52-45
SEEDED - RATE - ROW:	Apr 26 35.0 /A 30" spacing
HARVESTED - STAND:	Sep 21 33.8 /A

TEST COMMENTS:

This location was planted after the cold snap in mid-April and soil conditions were very good. The plants emerged well. On the July 1, this area got hit with a heavy wind storm, and laid the plot flat. Plants were goose necked and root lodged, which is noted in lodging scores. The ears were not set yet and plants did return to fairly upright positions. This allowed pollination to perform well. Brent and Steve both thought the yields would be lower after seeing the damage the wind did, but were pleased to see the outcome. There was no weed pressure. Plants were well matured and had sturdy cobs.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyffels	W8086 ↗	VT2P	114	243.8	18.8	23	33.8	1102	1
NuTech	72D4AM ↗	AM	112	243.1	18.7	20	33.8	1099	2
NuTech	75C1AM ↗	AM	115	241.6	18.2	20	34.8	1098	3
Hoegemeyer	8397Q ↗	QR	113	239.0	19.9	20	33.8	1070	5
Renk	RK895DGV2P ↗	VT2PDG	113	236.9	18.5	27	34.8	1073	4
Kruger	K1562DT ↗	TRE	115	236.0	19.7	30	33.8	1058	7
Dyna-Gro	D53VC54RIB ↗	VT2P	113	235.7	19.8	23	32.9	1055	8
Dyna-Gro	D56TC44RIB ↗	TRE	116	235.1	19.0	25	32.9	1060	6
Titan Pro	28-14 PCE ↗	PCE	114	229.0	17.8	20	32.9	1043	9
Channel	214-78DGV2PRIB GC ↗	VT2PDG	114	227.8	19.7	20	33.8	1021	13
Integra	6588 VT2PRIB ↗	VT2P	115	227.6	18.1	30	34.8	1034	10
Wyffels	W7759 ↗	STXP	113	225.1	18.2	30	33.8	1023	12
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	224.7	17.7	23	32.9	1025	11
Golden Harvest	G16Q82-AA ↗	AA	116	223.5	18.2	25	33.8	1015	14
FS InVision	FS 6432P RIB ↗	STXP	114	222.4	19.4	20	33.8	1000	15
Renk	RK876VT2P ↗	VT2P	113	221.2	19.5	39	32.9	993	17
NuTech	73A6Q ↗	QR	113	220.6	19.5	55	32.9	991	18
FS InVision	FS 6306T RIB ↗	TRE	113	220.6	18.7	23	33.8	997	16
Kruger	K1460DT ↗	TRE	114	218.8	19.9	32	32.9	979	24
DeKalb	DKC65-95RIB GC ↗	VT2P	115	217.6	18.6	39	34.8	985	20
Titan Pro	33-12 PCE ↗	PCE	112	217.6	19.2	20	33.8	980	23
FS InVision	FS 6625V RIB ↗	VT2P	116	217.5	18.0	34	33.8	989	19
NK Brand	NK1661-AA ↗	AA	116	216.2	20.2	38	33.8	965	30
Taylor	6015 TRE ↗	TRE	115	216.1	18.5	33	33.8	979	25
Kruger	K1364DT ↗	TRE	113	215.8	18.3	35	33.8	979	26
Hoegemeyer	8576AM ↗	AM	115	215.8	17.7	42	32.9	984	21
LG Seeds	LG62C22VT2RIB ↗	VT2P	112	215.8	19.2	37	34.8	972	27
Integra	6342 TRERIB ↗	TRE	113	214.5	19.2	47	33.8	966	28
Brevant	B14H38AM GC ↗	AM	114	213.2	18.7	34	32.9	964	31
Wyffels	W7876RIB ↗	VT2P	114	211.8	17.7	34	32.9	966	29
DEKALB	DKC111-35RIB CK	VT2P	111	214.7	17.1	17	33.8	984	22
				Averages =	220.4	18.9	31	33.8	995
				LSD (0.10) =	8.8	ns	ns		
				LSD (0.25) =	4.6	ns	ns		
				C.V. =	3.8				
				Historic yield: 224.83 bu/a, 12 yr(s)					

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.67

Report Date: 09/25/2023

† 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

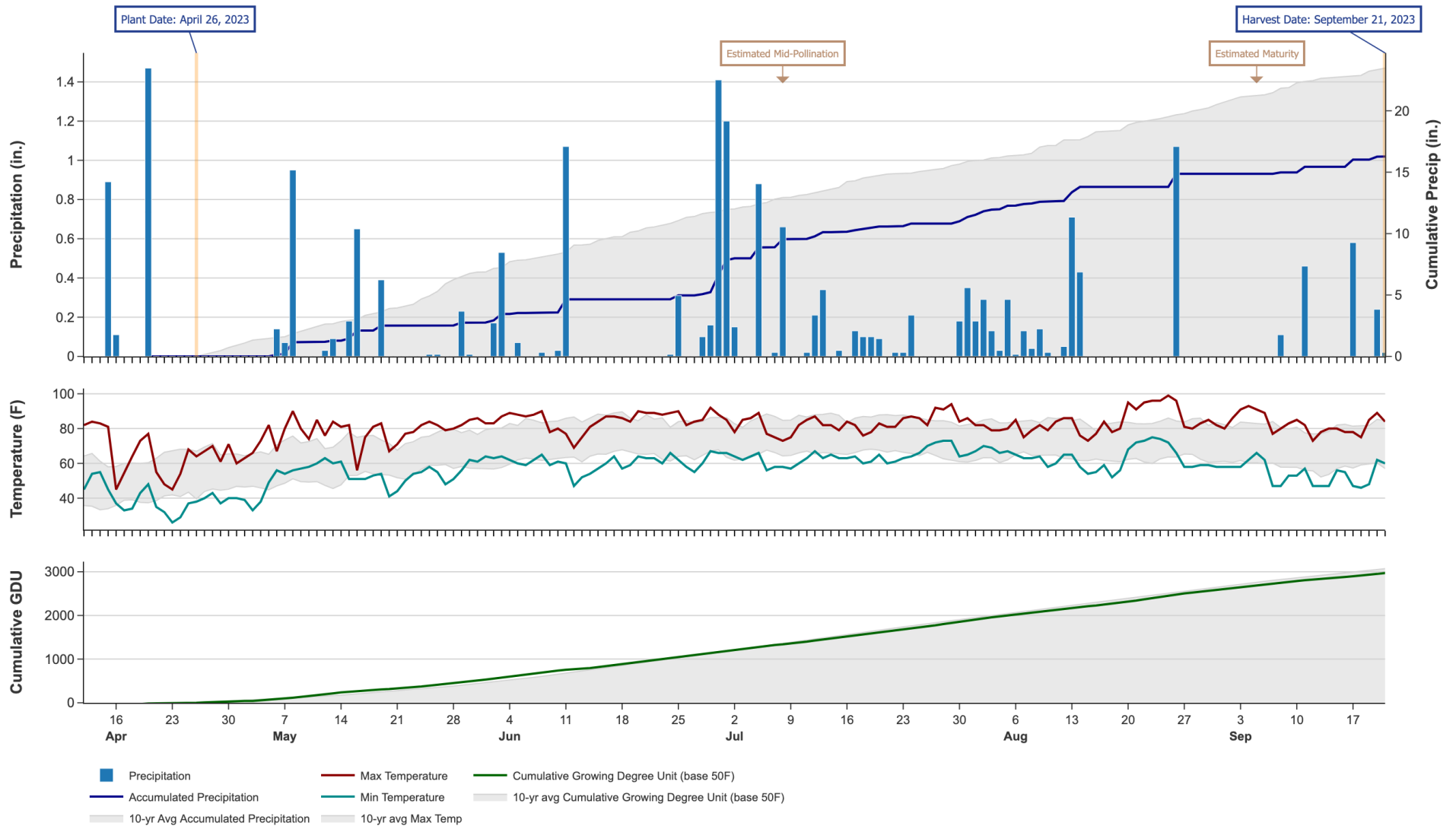
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2023 Corn - Iowa South [IASO]

Weather Conditions Summary at FARRAGUT, IA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	2.5 2.3 (+0.2)	2.8 6.2 (-3.4)	3.9 4.9 (-1.0)	4.7 4.1 (+0.6)	3.5 4.6 (-1.1)	1.4 3.0 (-1.6)	18.8 25.1 (-6.3)
GDU Avg (Diff)	140 100 (+39)	479 401 (+77)	662 714 (-52)	712 777 (-65)	704 724 (-20)	387 417 (-30)	3084 3134 (-50)



* 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 - Iowa South [IASO]

Early-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1259-5222	DV	Y*	109	CM,C2
Augusta	A4961 AA	AA	N	111	CM,C2
Brevant	B10Y21Q	QR	Y	110	Lum, L1
Channel	210-46VT2PRIB	VT2P	Y	110	AC,P5V,EDC-B
DeKalb	DKC111-35RIB	VT2P	Y*	111	AC,P5V,EDC-EL
Dyna-Gro	D49VC53RIB	VT2P	Y*	109	AC,P5V
Dyna-Gro	D50VC09RIB	VT2P	Y*	110	AC,P5V
FS InVision	FS 5835V RIB	VT2P	Y	108	AC,P5V,EDC-EL
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6133VDG RIB	VT2PDG	Y	111	AC,P5V,EDC-EL
FS InVision	FS 6137PC	PCE	N	111	CM,C2,Vi,Va
Golden Harvest	G10L16-DV	DV	Y	110	AVC,C5,Vi,Va
Golden Harvest	G11V76-AA	AA	Y	111	CM,C5,Va
Hoegemeyer	8110AM	AM	Y	111	Lum, L1
Hoegemeyer	8125AM	AM	Y	111	Lum, L1
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	6061 STXRIB	STX	Y	110	AC,P5V,SU+Zn
Integra	CXINT108VT	VT2P	Y	108	AC,P5V,SU+Zn,PT
Kruger	K0858DP	VT2P	Y	108	AC,P5V
Kruger	K0915DD	VT2PDG	Y	109	AC,P5V
Kruger	K1191DT	TRE	Y	111	AC,P5V
NK Brand	NK1040-AA	AA	Y	110	CM,C5,Va
NK Brand	NK1188-D	D	Y	111	AVC,C1,Va
NuTech	66D1AM	AM	Y	106	Lum, L1
NuTech	68A7AM	AM	Y	108	Lum, L1
NuTech	68A9AM	AM	Y	108	Lum, L1
NuTech	70B4AM	AM	Y	110	Lum, L1
NuTech	71A2AM	AM	Y	111	Lum, L1
Pioneer	P1108Q	QR	Y	111	Lum, L1
Pioneer	P1164AM	AM	Y	111	Treated
Renk	RK703PWE	PCE	N	106	Lum,P5V
Renk	RK766SSPRO	STXP	N	109	AC,P5V,B300
Renk	RK773TRE	TRE	N	109	AC,P5V,B300
Renk	RK811PWE	PCE	N	111	Lum,P5V
Taylor	6012 TRE	TRE	N	111	CM,C2
Titan Pro	31-10 PCE	PCE	N	110	CM,C2,Vi,Va
Titan Pro	39-08 PCE	PCE	N	108	CM,C2,Vi,Va
Wyffels	W5406	VT2P	N	108	AC,P5
Wyffels	W6215	TRE	N	109	CM,C2,Vi,Va
Wyffels	W6886	VT2P	N	111	AC,P5
Wyffels	W7048	STX	N	111	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.

2023 Corn - Iowa South [IASO]

Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Brevant	B14H38AM	AM	Y	114	Lum, L1
Channel	214-78DGV2PRIB	VT2PDG	Y	114	AC,P5V,EDC-B
DeKalb	DKC111-35RIB	VT2P	Y*	111	AC,P5V,EDC-EL
DeKalb	DKC65-95RIB	VT2P	Y	115	AC,P5V,EDC-EL
Dyna-Gro	D53VC54RIB	VT2P	Y	113	AC,P5V
Dyna-Gro	D56TC44RIB	TRE	Y	116	AC,P5V
FS InVision	FS 6306T RIB	TRE	Y*	113	AC,P5V,EDC-EL
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V,EDC-EL
FS InVision	FS 6432P RIB	STXP	Y	114	AC,P5V,EDC-EL
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V,EDC-EL
FS InVision	FS 6625V RIB	VT2P	Y	116	AC,P5V,EDC-EL
Golden Harvest	G15J91-V	V	Y	115	CM,C5,Va
Golden Harvest	G16Q82-AA	AA	Y	116	CM,C5,Va
Hoegemeyer	8397Q	QR	Y	113	Lum, L1
Hoegemeyer	8576AM	AM	Y	115	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
Kruger	K1364DT	TRE	Y	113	AC,P5V
Kruger	K1460DT	TRE	Y	114	AC,P5V
Kruger	K1562DT	TRE	Y	115	AC,P5V
LG Seeds	LG62C22VT2RIB	VT2P	Y	112	AC, PV
LG Seeds	LG64C43VT2	VT2P	N	114	AC, PV
NK Brand	NK1523-V	V	Y	115	CM,C5,Va
NK Brand	NK1661-AA	AA	Y	116	CM,C5,Va
NuTech	72D4AM	AM	Y	112	Lum, L1
NuTech	73A4AM	AM	Y	113	Lum, L1
NuTech	73A6Q	QR	Y	113	Lum, L1
NuTech	74C4AM	AM	Y	114	Lum, L1
NuTech	75C1AM	AM	Y	115	Lum, L1
Renk	RK876VT2P	VT2P	N	113	AC,P5V,B300
Renk	RK895DGV2P	VT2PDG	N	113	AC,P2
Renk	RK915VT2P	VT2P	N	115	AC,P2
Renk	RK958VT2P	VT2P	N	115	AC,P2
Taylor	6015 TRE	TRE	N	115	CM,C2
Titan Pro	28-14 PCE	PCE	N	114	CM,C2,Vi,Va
Titan Pro	33-12 PCE	PCE	N	112	CM,C2,Vi,Va
Wyffels	W7759	STXP	N	113	AC,P5
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
Wyffels	W8108	STX	N	114	AC,P5

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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®
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
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
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,SU+Zn,PT	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn with PhycoTerra® ST
AC, PV	Acceleron Unspecified, Poncho, Votivo
AVC,C1,Va	Avicta® Complete 1250 with 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®
Lum, L1	LumiGEN, Lumisure 1250
Lum,P5V	LumiGEN™ Poncho 500/Votivo
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.