

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

2022 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] SLATER, IA
Jason Krause, Story County, IA 50244

Early-Season Test	105 - 110 Day CRM B2022IAWC24a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Liberty
SOIL DESCRIPTION:	Clarion loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, high K, 5.1 pH, 2.5% OM, 17.9 CEC
PEST MANAGEMENT:	Volly Tax Lite, Ams, Explorer, Glyphosate
FERTILITY - Applied N:	165 Fall, 21 Spring
Applied N-P-K (units):	186-101-130
SEDED - RATE - ROW:	May 24 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 23 34.0 /A

TEST COMMENTS:

Planting went well and plants emerged with no problem. During the first part of June, while taking stand counts the area received heavy rains and the soil was saturated. The soil held the moisture to help the plot during drought conditions for the rest of the season. The early hybrids showed more drought stress than the later hybrids with some smaller ears and some pollination issues. The plants stood tall and strong with no lodging problems, and some softer cobs were seen. There was no weed pressure.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	5802 VT2PRIB ↗	VT2P	108	268.0	17.5	1	34.8	1710	1
Kruger	K1005DP ↗	VT2P	110	253.3	17.6	1	34.8	1615	2
Latham	LH 5847 VT2P RIB ↗	VT2P	108	250.0	18.8	1	34.8	1582	3
Integra	6061 TRERIB ↗	TRE	110	246.6	19.4	1	33.8	1555	4
Kruger	K0915DD ↗	VT2PDG	109	242.8	18.0	1	33.8	1545	5
Innvictis	A1062 ↗	TRE	110	240.1	16.5	1	34.8	1542	6
Latham	LH 5725 VT2P RIB ↗	VT2P	107	235.9	17.8	1	33.8	1502	9
Hoegemeyer	8052 Q ↗	QR	110	234.9	17.6	1	33.8	1498	10
Latham	LH 6097 VT2P RIB ↗	VT2P	110	234.3	16.6	1	31.9	1504	8
Renk	RK700SSTX ↗	STX	108	234.0	17.0	1	33.8	1498	11
Kruger	K0783DP ↗	VT2P	107	233.3	16.8	1	31.9	1495	12
Renk	RK801SSTX ↗	STX	110	231.2	17.5	1	33.8	1475	13
Dyna-Gro	D49VC53 ↗	VT2P	109	229.4	17.6	1	34.8	1463	17
FS InVision	FS 6017V RIB ↗	VT2P	110	229.1	17.0	1	34.8	1466	15
Renk	RK774VT2P ↗	VT2P	108	228.8	16.9	1	34.8	1465	16
AgVenture	AV5508 ↗	AM	108	228.4	16.3	1	34.8	1468	14
Renk	RK805VT2P ↗	VT2P	110	227.9	16.8	1	34.8	1460	18
AgVenture	AV9610 ↗	AM	110	227.2	18.0	1	32.9	1445	19
FS InVision	FS 6025X RIB ↗	STX	110	226.6	18.3	1	32.9	1439	21
Integra	5719 VT2PRIB ↗	VT2P	107	224.8	16.3	1	32.9	1445	20
Innvictis	A0842 ↗	STX	108	224.1	18.3	1	33.8	1423	23
Kruger	K0858DP ↗	VT2P	108	223.5	16.4	1	32.9	1436	22
FS InVision	FS 5725X RIB ↗	STX	107	220.9	16.2	1	32.9	1421	24
AgriGold	A640-12STX GC ↗	STX	110	218.2	18.7	1	34.8	1382	27
Golden Harvest	G07G73-D ↗	D	107	216.9	16.3	1	33.8	1394	25
FS InVision	FS 5815V RIB ↗	VT2P	108	216.7	17.4	1	34.8	1383	26
Wyffels	W5778RIB ↗	STX	109	214.7	17.0	1	34.8	1374	29
Dyna-Gro	D47SS93 ↗	STX	107	214.2	15.9	1	33.8	1381	28
NK Brand	NK0748-AA ↗	AA	107	214.1	17.4	1	34.8	1367	31
FS InVision	FS 5525VDG RIB ↗	VT2P	105	212.5	15.5	1	34.8	1373	30
PIONEER	P0953AM CK	AM	109	239.1	16.8	1	33.8	1532	7
				Averages =	222.2	17.1	1	34.0	1421
				LSD (0.10) =	8.3	0.7	ns		
				LSD (0.25) =	4.3	0.4	ns		
				C.V. =	3.5				
				Historic yield: 204.48 bu/a, 16 yr(s)					



Randy Meinsma

randym@firstseedtests.com, (815) 238-8007

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$6.48

Report Date: 10/24/2022

† 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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Full-Season Test	111 - 115 Day CRM B2022IAWC24b
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Liberty
SOIL DESCRIPTION:	Clarion loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, high K, 5.1 pH, 2.5% OM, 17.9 CEC
PEST MANAGEMENT:	Volly Tax Lite, Ams, Explorer, Glyphosate
FERTILITY - Applied N:	165 Fall, 21 Spring
Applied N-P-K (units):	186-101-130
SEDED - RATE - ROW:	May 24 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 23 33.7 /A

TEST COMMENTS:

Planting went well and plants emerged with no problem. During the first part of June, while taking stand counts the area received heavy rains and the soil was saturated. The soil held the moisture to help the plot during drought conditions for the rest of the season. The early hybrids showed more drought stress than the later hybrids with some smaller ears and some pollination issues. The plants stood tall and strong with no lodging problems, and some softer cobs were seen. There was no weed pressure.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K1501DP ↗	VT2P	115	263.0	20.4	1	34.8	1647	1
AgVenture	AV5214 ↗	AM	114	261.9	21.4	1	34.8	1630	3
FS InVision	FS 6306T RIB ↗	TRE	113	260.2	19.2	1	34.8	1643	2
Hoegemeyer	8303 AM ↗	AM	113	254.3	18.5	1	33.8	1612	4
Wyllfels	W7416RIB ↗	VT2P	112	252.5	19.4	1	33.8	1592	5
Innvictis	A1462 ↗	VT2P	114	252.2	20.0	1	34.8	1584	6
Renk	RK940SSTX ↗	STX	115	251.2	20.1	1	34.8	1576	7
Renk	RK958VT2P ↗	VT2P	115	250.2	19.9	1	33.8	1572	8
Integra	6555 VT2PRIB ↗	VT2P	115	247.4	20.6	1	32.9	1548	10
Channel	214-78DGV2PRIB GC ↗	VT2PDG	114	246.2	19.9	1	33.8	1547	11
Innvictis	A1192 ↗	STX	111	246.0	20.5	1	34.8	1540	13
Wyllfels	W7945 ↗	TRE	114	246.0	19.3	1	32.9	1552	9
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	245.2	19.7	1	32.9	1543	12
AgVenture	AV7913AM ↗	AM	113	242.3	19.1	1	32.9	1530	14
FS InVision	FS 6225L1 EZR ↗	AA	112	241.0	20.2	1	34.8	1512	17
Kruger	K1460DT ↗	TRE	114	240.7	19.5	1	33.8	1516	16
Kruger	K1139SS ↗	STX	111	239.8	18.4	1	33.8	1522	15
Dyna-Gro	D54VC34RIB ↗	VT2P	114	239.4	20.3	1	34.8	1501	18
Latham	LH 6155 VT2P RIB ↗	VT2P	111	239.4	20.7	1	34.8	1497	20
Wyllfels	W8306 ↗	VT2P	115	239.0	21.2	1	32.9	1490	26
Renk	RK907SSTX ↗	STX	115	238.8	19.9	1	32.9	1500	19
Integra	6588 VT2PRIB ↗	VT2P	115	238.2	20.4	1	33.8	1492	24
Golden Harvest	G11V76-D ↗	D	111	237.1	19.2	1	32.9	1496	21
NK Brand	NK1188-D ↗	D	111	236.6	19.1	1	33.8	1494	23
Dyna-Gro	D52DC82RIB ↗	VT2PDG	112	236.2	18.7	1	34.8	1495	22
Kruger	K1313DD ↗	VT2PDG	113	236.1	19.0	1	33.8	1492	25
Dyna-Gro	D53TC23RIB ↗	TRE	113	235.7	19.4	1	32.9	1486	27
Pioneer	P1222AM GC ↗	AM	112	234.6	18.7	1	33.8	1485	28
Wyllfels	W6935 ↗	TRE	111	233.5	19.4	1	33.8	1472	29
Kruger	K1191DT ↗	TRE	111	233.0	19.1	1	32.9	1472	30
PIONEER	P0953AM CK	AM	109	228.6	17.6	1	33.8	1458	35
				Averages =	238.7	20.0	1	33.7	1499
				LSD (0.10) =	8.9	1.1	ns		
				LSD (0.25) =	4.7	0.6	ns		
				C.V. =	3.6				
				Historic yield: 204.48 bu/a, 16 yr(s)					



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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$6.48

Report Date: 10/24/2022

† 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

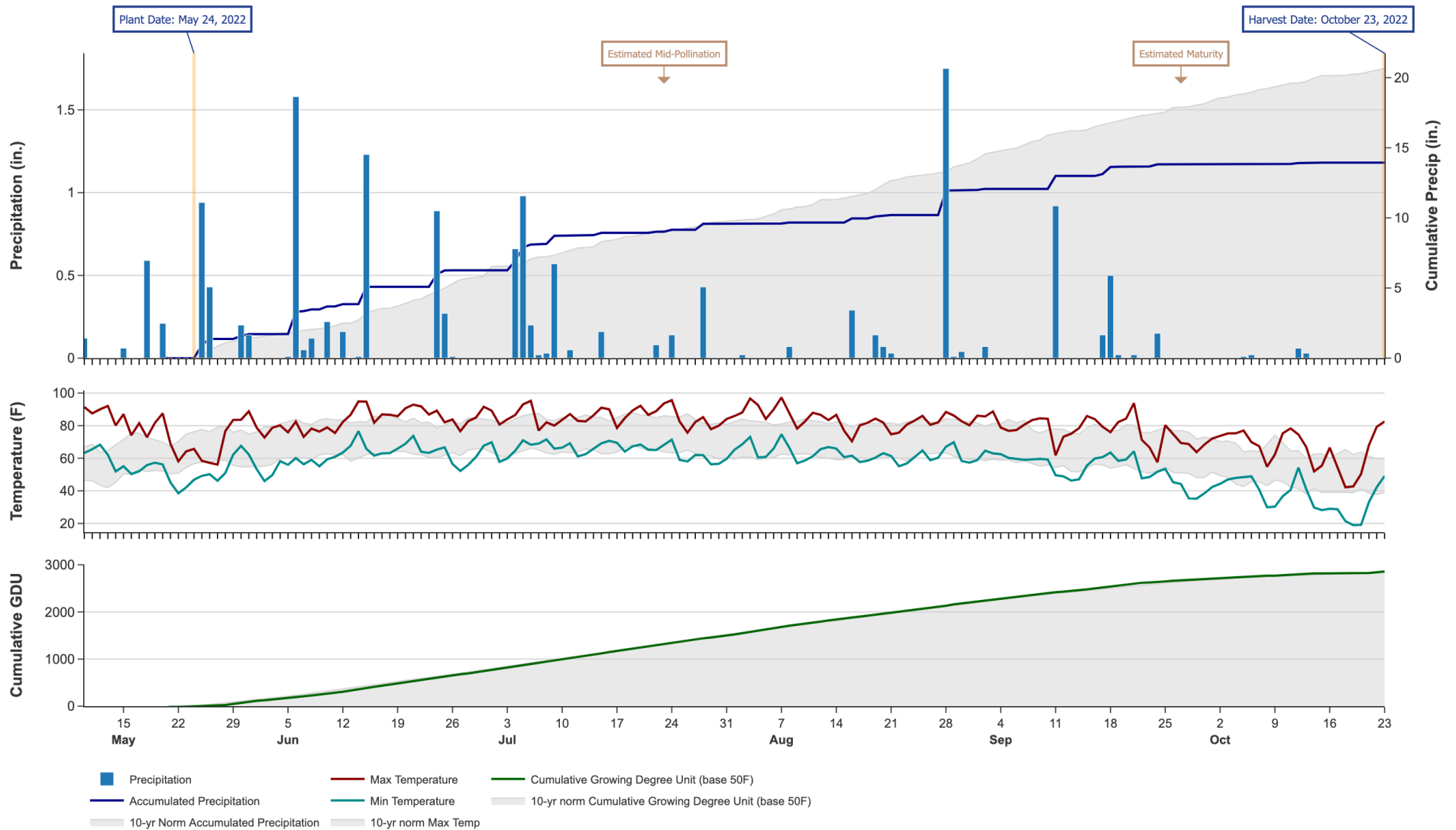
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2022 Corn - Iowa West Central [IAWC]

Weather Conditions Summary at SLATER, IA

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	2.7 3.6 (-0.9)	4.5 4.4 (+0.1)	3.3 4.0 (-0.6)	2.4 4.1 (-1.7)	1.8 4.2 (-2.4)	0.1 2.5 (-2.4)	14.9 22.8 (-7.9)
GDU Normal (Diff)	344 283 (+60)	649 656 (-7)	751 743 (+7)	702 666 (+35)	489 491 (-2)	170 148 (+21)	3105 2990 (+114)



* 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.

2022 Corn - Iowa West Central [IAWC]

Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A636-16VT2PRIB GC	VT2P	Y	106	Treated
AgriGold	A640-12STX GC	STX	N*	110	Treated
AgVenture	AV5508	AM	Y	108	Treated
AgVenture	AV9610	AM	Y	110	Treated
Dyna-Gro	D47SS93	STX	N	107	AC,P5
Dyna-Gro	D48VC84	VT2P	N	108	AC,P5V
Dyna-Gro	D49VC53	VT2P	N	109	AC,P5V
FS InVision	FS 5525VDG RIB	VT2P	Y	105	AC,P2
FS InVision	FS 5725X RIB	STX	Y	107	AC,P5V
FS InVision	FS 5815V RIB	VT2P	Y	108	AC,P5V
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V,EDC-EL
Golden Harvest	G07G73-D	D	Y	107	AVC,C2,Vi,Va
Golden Harvest	G09T26-AA	AA	Y	109	AVC,C2,CM,C5,Vi,Va
Hoegemeyer	7523 Q	QR	Y	105	Lum, L1
Hoegemeyer	7843 AM	AM	Y	108	Lum, L1
Hoegemeyer	8052 Q	QR	Y	110	Lum, L1
Inn victis	A0842	STX	N	108	Treated
Inn victis	A1062	TRE	N	110	Treated
Integra	5529 VT2PRIB	VT2P	Y	105	AC,P5V,SU+Zn
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P5V,SU+Zn
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU+Zn
Kruger	K0783DP	VT2P	Y	107	AC,P5V,EDC-B
Kruger	K0858DP	VT2P	Y	108	AC,P5V,EDC-B
Kruger	K0915DD	VT2PDG	Y	109	AC,P5V,EDC-B
Kruger	K1005DP	VT2P	Y	110	AC,P2
Latham	LH 5559 SS RIB	STX	Y	105	AC,P5
Latham	LH 5646 PCE	PC,E	N	106	AVC,C2,Vi,Va
Latham	LH 5725 VT2P RIB	VT2P	Y	107	AC,P2
Latham	LH 5847 VT2P RIB	VT2P	Y	108	AC,P2
Latham	LH 6097 VT2P RIB	VT2P	Y	110	AC,P2
NK Brand	NK0696-D	D	Y	106	AVC,C2,Vi,Va
NK Brand	NK0748-AA	AA	Y	107	AVC,C2,Vi,Va
NK Brand	NK1026-DVZ	VZ	Y	110	AVC,C2,CM,C5,Vi,Va
Pioneer	P0953AM CK	AM	Y	109	Lum
Renk	RK700SSTX	STX	N	108	AC,P5V
Renk	RK710DGV2P	VT2PDG	Y	107	AC,P2
Renk	RK774VT2P	VT2P	N	108	AC,P2
Renk	RK801SSTX	STX	N	110	AC,P5V
Renk	RK805VT2P	VT2P	N	110	AC,P2
Wyffels	W4025	TRE	N	105	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W4246RIB	VT2P	Y	105	AC,P2
Wyffels	W5086RIB	VT2P	Y	107	AC,P2
Wyffels	W5778RIB	STX	Y	109	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.

2022 Corn - Iowa West Central [IAWC]

Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV5214	AM	Y	114	Treated
AgVenture	AV7913AM	AM	Y	113	Treated
AgVenture	AV9711	QR	Y	111	Treated
Channel	214-78DGV2PRIB GC	VT2PDG	Y	114	Treated
Dyna-Gro	D52DC82RIB	VT2PDG	N	112	AC,P5V
Dyna-Gro	D53TC23RIB	TRE	Y	113	AC,P5V
Dyna-Gro	D54VC34RIB	VT2P	N	114	AC,P5V
FS InVision	FS 6225L1 EZR	AA	Y	112	AC,P5V
FS InVision	FS 6306T RIB	TRE	Y	113	AC,P5V
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V
FS InVision	FS 6406X RIB	STX	Y	114	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V
Golden Harvest	G11V76-D	D	Y	111	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G15J91-V	V	Y	115	AVC,C2,CM,C5,Vi,Va
Hoegemeyer	8303 AM	AM	Y	113	Lum, L1
Innictis	A1192	STX	N	111	Treated
Innictis	A1462	VT2P	N	114	Treated
Integra	6284 VT2PRIB	VT2P	Y	112	AC,P5V,SU+Zn
Integra	6493 VT2P	VT2P	N	114	AC,P5V
Integra	6555 VT2PRIB	VT2P	Y	115	AC,P5V,SU+Zn
Integra	6588 VT2PRIB	VT2P	Y	115	AC,P5V,SU+Zn
Kruger	K1139SS	STX	Y	111	AC,P5V,EDC-B
Kruger	K1191DT	TRE	Y	111	AC,P5V,EDC-B
Kruger	K1313DD	VT2PDG	Y	113	AC,P5V
Kruger	K1460DT	TRE	Y	114	AC,P5V,EDC-B
Kruger	K1501DP	VT2P	Y	115	AC,P5V,EDC-B
Latham	LH 6149 SS RIB	STX	Y	111	AC,P5V
Latham	LH 6155 VT2P RIB	VT2P	Y	111	AC,P5V
Latham	LH 6227 VT2P RIB	VT2P	Y	112	AVC,C2,Vi,Va
Latham	LH 6477 VT2P RIB	VT2P	Y*	114	AC,P2
Latham	LH 6529 SS RIB	STX	Y	115	AC,P5V
NK Brand	NK1188-D	D	Y	111	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1523-V	V	Y	115	AVC,C2,CM,C5,Vi,Va
Pioneer	P0953AM CK	AM	Y	109	Lum
Pioneer	P1222AM GC	AM	Y	112	Treated
Renk	RK895DGV2P	VT2PDG	N	113	AC,P2
Renk	RK907SSTX	STX	N	115	AC,P5V
Renk	RK915VT2P	VT2P	N	115	AC,P2
Renk	RK940SSTX	STX	N	115	AC,P5V
Renk	RK958VT2P	VT2P	N	115	AC,P2
Wyffels	W6935	TRE	N	111	AC,P2
Wyffels	W7416RIB	VT2P	Y	112	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W7876RIB	VT2P	Y	114	AC,P2
Wyffels	W7945	TRE	N	114	AC,P2
Wyffels	W8306	VT2P	N	115	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.

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 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
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
PC	PowerCore™
QR	Qrome™
STX	SmartStax®
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	VT Double PRO® DroughtGard®
VZ	Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330

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,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
AVC,C2,CM,C5,Vi,Va	Avicta® Complete 250, CruiserMaxx 500, Vibrance®, Vayantis®
AVC,C2,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	(2022) LumiGEN, Lumisure 1250
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.