

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

2022 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] DUNLAP, IA

Brandon McHugh, Harrison County, IA 51529

Early-Season Test	105 - 110 Day CRM B2022IAWC22a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Teff Grass / 2,4-D
SOIL DESCRIPTION:	Monona silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 6.8 pH, 3.3% OM, 16.9 CEC
PEST MANAGEMENT:	Glyphosate, Callisto, Metolachlor
FERTILITY - Applied N:	212 Spring
Applied N-P-K (units):	212-0-0
SEEDED - RATE - ROW:	May 23 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 25 33.8 /A

TEST COMMENTS:

Planting conditions were good on this rolling knob hill and plants emerged well. Plants stood strong and held nice ears with good seed depth. It was a healthy-looking plot with no weed pressure. Harvest went smoothly. The yields do not tell the story of the conditions it went through, but was the site was lucky to get rainfall when it needed it to fill out.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 5725X RIB ↗	STX	107	236.7	13.2	2	32.9	1534	1
AgriGold	A636-16VT2PRIB GC ↗	VT2P	106	235.6	13.6	1	33.8	1527	2
FS InVision	FS 5525VDG RIB ↗	VT2P	105	230.2	12.5	1	34.8	1492	4
AgVenture	AV5508 ↗	AM	108	230.2	13.6	1	32.9	1492	5
Innictis	A1062 ↗	TRE	110	214.4	13.8	2	33.8	1389	6
Latham	LH 6097 VT2P RIB ↗	VT2P	110	212.9	13.6	1	33.8	1380	7
Golden Harvest	G07G73-D ↗	D	107	212.1	13.6	1	33.8	1374	8
AgVenture	AV9610 ↗	AM	110	209.2	13.3	1	33.8	1356	9
Golden Harvest	G09T26-AA ↗	AA	109	209.1	14.0	1	34.8	1355	10
Integra	6061 TRERIB ↗	TRE	110	208.7	13.4	2	32.9	1352	11
Wyffels	W4025 ↗	TRE	105	206.7	12.9	1	33.8	1339	12
FS InVision	FS 6017V RIB ↗	VT2P	110	206.0	13.6	1	33.8	1335	13
Latham	LH 5559 SS RIB ↗	STX	105	204.8	13.0	1	31.9	1327	14
Integra	5802 VT2PRIB ↗	VT2P	108	204.5	13.2	1	33.8	1325	15
Hoegemeyer	8052 Q ↗	QR	110	203.4	13.7	1	33.8	1318	16
FS InVision	FS 6025X RIB ↗	STX	110	203.4	14.4	1	34.8	1318	17
Integra	5529 VT2PRIB ↗	VT2P	105	203.0	12.8	1	33.8	1315	18
Dyna-Gro	D47SS93 ↗	STX	107	202.8	13.0	1	34.8	1314	19
NK Brand	NK0748-AA ↗	AA	107	201.4	13.4	1	33.8	1305	20
Latham	LH 5646 PCE ↗	PC,E	106	200.9	12.5	1	33.8	1302	21
Wyffels	W5778RIB ↗	STX	109	200.6	13.8	1	34.8	1300	22
NK Brand	NK1026-DVZ ↗	VZ	110	199.6	14.1	3	33.8	1293	23
Renk	RK801SSTX ↗	STX	110	198.8	13.8	1	32.9	1288	24
Hoegemeyer	7843 AM ↗	AM	108	197.3	14.3	1	34.8	1279	25
Wyffels	W5086RIB ↗	VT2P	107	195.9	13.5	1	33.8	1269	26
Kruger	K0783DP ↗	VT2P	107	194.1	13.4	1	32.9	1258	27
Renk	RK805VT2P ↗	VT2P	110	193.8	13.3	1	33.8	1256	28
FS InVision	FS 5815V RIB ↗	VT2P	108	192.1	13.4	1	34.8	1245	29
AgriGold	A640-12STX GC ↗	STX	110	190.2	13.4	1	33.8	1232	30
Dyna-Gro	D48VC84 ↗	VT2P	108	190.1	12.8	1	33.8	1232	31
PIONEER	P0953AM CK	AM	109	232.9	14.0	2	33.8	1509	3
				Averages =	198.1	13.4	1	33.8	1284
				LSD (0.10) =	10.5	0.5	ns		
				LSD (0.25) =	5.5	0.3	ns		
				C.V. =	5.0				
Randy Meinsma				Historic yield: 215.19 bu/a, 13 yr(s)					
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: 10/30/2022

† 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 B2022IAWC22b
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
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SOIL DESCRIPTION:	Monona silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 6.8 pH, 3.3% OM, 16.9 CEC
PEST MANAGEMENT:	Glyphosate, Callisto, Metolachlor
FERTILITY - Applied N:	212 Spring
Applied N-P-K (units):	212-0-0
SEDED - RATE - ROW:	May 23 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 25 33.6 /A

TEST COMMENTS:

Planting conditions were good on this rolling knob hill and plants emerged well. Plants stood strong and held nice ears with good seed depth. It was a healthy-looking plot with no weed pressure. Harvest went smoothly. The yields do not tell the story of the conditions it went through, but was the site was lucky to get rainfall when it needed it to fill out.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	6588 VT2PRIB ↗	VT2P	115	240.3	16.6	3	32.9	1542	1
Latham	LH 6477 VT2P RIB ↗	VT2P	114	234.0	17.0	3	33.8	1497	5
Dyna-Gro	D54VC34RIB ↗	VT2P	114	233.6	15.2	5	34.8	1512	2
Renk	RK958VT2P ↗	VT2P	115	233.0	15.6	1	34.8	1505	3
Dyna-Gro	D53TC23RIB ↗	TRE	113	232.0	14.6	1	33.8	1503	4
AgVenture	AV5214 ↗	AM	114	230.4	14.4	1	32.9	1493	7
AgVenture	AV9711 ↗	QR	111	229.2	15.3	1	33.8	1483	8
Hoegemeyer	8303 AM ↗	AM	113	228.6	15.0	1	32.9	1481	9
Renk	RK907SSTX ↗	STX	115	225.7	15.5	2	34.8	1458	10
FS InVision	FS 6406X RIB ↗	STX	114	223.4	15.5	1	31.9	1443	12
Renk	RK940SSTX ↗	STX	115	223.4	15.1	2	33.8	1447	11
Integra	6493 VT2P ↗	VT2P	114	221.3	15.8	3	33.8	1427	14
FS InVision	FS 6306T RIB ↗	TRE	113	220.9	14.1	1	32.9	1431	13
FS InVision	FS 6595V RIB ↗	VT2P	115	219.7	15.4	2	32.9	1420	15
Channel	214-78DGV2PRIB GC ↗	VT2PDG	114	219.2	15.7	2	31.9	1414	16
Wyffels	W6935 ↗	TRE	111	215.8	13.9	1	33.8	1398	17
NK Brand	NK1523-V ↗	V	115	215.7	16.7	2	34.8	1383	20
Golden Harvest	G15J91-V ↗	V	115	215.0	17.5	3	33.8	1371	25
Kruger	K1191DT ↗	TRE	111	213.9	14.5	2	33.8	1386	18
Kruger	K1460DT ↗	TRE	114	213.6	14.4	1	33.8	1384	19
Innvictis	A1192 ↗	STX	111	212.8	14.4	1	33.8	1379	21
Pioneer	P1222AM GC ↗	AM	112	212.5	14.7	1	32.9	1377	22
Innvictis	A1462 ↗	VT2P	114	212.3	15.4	2	33.8	1372	24
NK Brand	NK1188-D ↗	D	111	212.2	14.1	2	34.8	1375	23
Golden Harvest	G11V76-D ↗	D	111	211.5	13.8	2	32.9	1371	26
Integra	6555 VT2PRIB ↗	VT2P	115	209.0	14.0	1	33.8	1354	27
Renk	RK915VT2P ↗	VT2P	115	208.7	14.6	1	34.8	1352	28
FS InVision	FS 6225L1 EZR ↗	AA	112	208.5	14.3	1	34.8	1351	29
Latham	LH 6149 SS RIB ↗	STX	111	208.3	14.5	1	33.8	1350	30
Latham	LH 6227 VT2P RIB ↗	VT2P	112	208.0	14.3	2	33.8	1348	31
PIONEER	P0953AM CK	AM	109	230.8	14.1	2	33.8	1496	6
				Averages =	213.9	15.0	2	33.6	1383
				LSD (0.10) =	10.3	0.6	ns		
				LSD (0.25) =	5.4	0.3	ns		
				C.V. =	4.6				
Randy Meinsma randym@firstseedtests.com, (815) 238-8007				Historic yield: 215.19 bu/a, 13 yr(s)					

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

Report Date: 10/30/2022

† 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

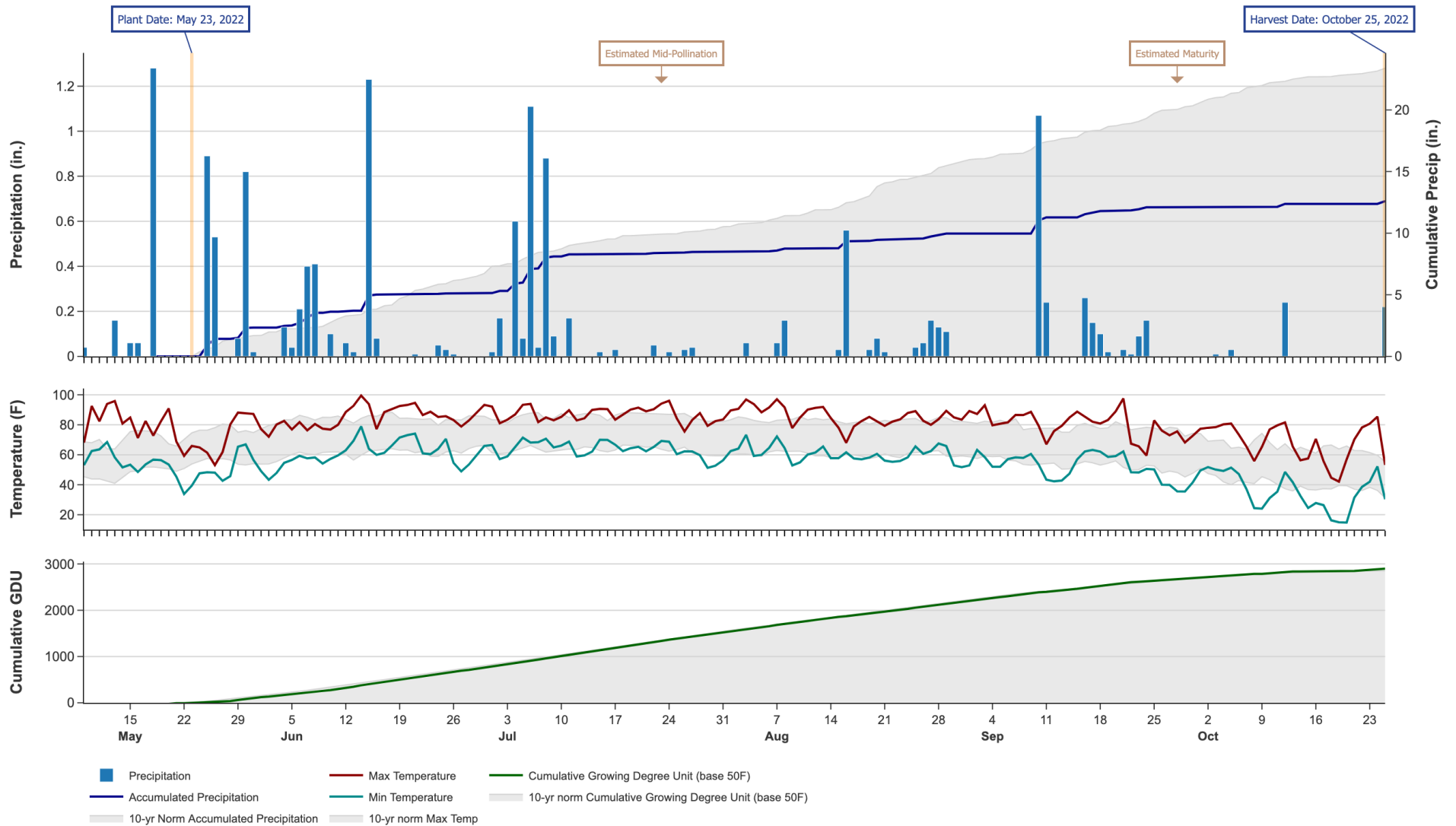
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2022 Corn - Iowa West Central [IAWC]

Weather Conditions Summary at DUNLAP, IA

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	3.9 4.0 (-0.0)	2.8 5.0 (-2.3)	3.4 3.8 (-0.4)	1.5 5.2 (-3.7)	2.1 4.6 (-2.5)	0.5 3.0 (-2.5)	14.2 25.7 (-11.5)
GDU Normal (Diff)	352 290 (+61)	650 671 (-21)	745 743 (+1)	682 670 (+11)	508 484 (+23)	204 148 (+55)	3141 3008 (+132)



* 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
Innqvist	A0842	STX	N	108	Treated
Innqvist	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.