

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

2022 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] ANITA, IA
Ryan Rich, Cass County, IA 50020

Early-Season Test	105 - 110 Day CRM B2022IAWC21a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Dual, Round Up, Extenda Max
SOIL DESCRIPTION:	Sharpsburg silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.9 pH, 4.7% OM, 22.8 CEC
PEST MANAGEMENT:	Round Up, Callisto, Outlook, Atrazine, Delaro Complete
FERTILITY - Applied N:	180 Fall
Applied N-P-K (units):	180-70-30
SEEDED - RATE - ROW:	May 11 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 17 34.3 /A

TEST COMMENTS:

Planting went very well and plants emerged well. Drought stress could be seen in the early test with short ears and zipper pollination and some tip back. Later season hybrids did fair. This location performs well with better conditions; just like all across the state, a few miles changes yield quite a bit where they received rain. The plot was lucky not to get touched by a hail storm that hit north of the plot and caused a replant.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	D49VC53 ↗	VT2P	109	249.7	16.5	1	33.8	1603	1
Renk	RK805VT2P ↗	VT2P	110	244.4	14.7	1	34.8	1584	2
Kruger	K0858DP ↗	VT2P	108	243.8	15.3	1	34.8	1577	3
Integra	5802 VT2PRIB ↗	VT2P	108	242.8	15.5	1	33.8	1569	4
Latham	LH 6097 VT2P RIB ↗	VT2P	110	241.5	16.4	1	33.8	1552	5
FS InVision	FS 6025X RIB ↗	STX	110	234.4	15.8	1	33.8	1511	7
Renk	RK774VT2P ↗	VT2P	108	233.3	14.6	1	34.8	1512	6
Dyna-Gro	D48VC84 ↗	VT2P	108	232.2	15.6	1	34.8	1499	8
Dyna-Gro	D47SS93 ↗	STX	107	231.3	14.2	1	34.8	1499	9
Innvictis	A0842 ↗	STX	108	227.0	15.1	1	33.8	1470	10
AgriGold	A640-12STX GC ↗	STX	110	226.6	16.3	1	34.8	1457	12
NK Brand	NK1026-DVZ ↗	VZ	110	224.9	15.8	1	33.8	1450	14
Integra	5719 VT2PRIB ↗	VT2P	107	223.9	14.0	1	34.8	1451	13
Innvictis	A1062 ↗	TRE	110	223.1	15.4	1	34.8	1442	15
Kruger	K1005DP ↗	VT2P	110	219.9	15.5	1	34.8	1421	16
FS InVision	FS 5525VDG RIB ↗	VT2P	105	217.3	13.8	1	34.8	1408	17
FS InVision	FS 6017V RIB ↗	VT2P	110	216.3	15.0	1	32.9	1401	18
AgriGold	A636-16VT2PRIB GC ↗	VT2P	106	215.4	14.2	1	33.8	1396	19
Renk	RK801SSTX ↗	STX	110	214.1	15.7	1	34.8	1381	20
Golden Harvest	G07G73-D ↗	D	107	213.3	15.1	1	33.8	1381	21
Latham	LH 5725 VT2P RIB ↗	VT2P	107	211.7	14.5	1	34.8	1372	22
Kruger	K0915DD ↗	VT2PDG	109	211.1	14.6	1	34.8	1368	23
Wyffels	W5086RIB ↗	VT2P	107	207.9	15.0	1	33.8	1347	24
Integra	5529 VT2PRIB ↗	VT2P	105	205.8	14.7	1	32.9	1334	25
Integra	6061 TRERIB ↗	TRE	110	205.1	15.5	1	33.8	1325	27
Hoegemeyer	8052 Q ↗	QR	110	204.7	15.1	1	34.8	1325	28
FS InVision	FS 5725X RIB ↗	STX	107	204.6	13.6	1	34.8	1326	26
Renk	RK710DGVT2P ↗	VT2PDG	107	203.5	14.2	1	33.8	1319	29
Latham	LH 5559 SS RIB ↗	STX	105	203.4	14.9	1	34.8	1318	30
Latham	LH 5646 PCE ↗	PC,E	106	203.1	14.7	1	34.8	1316	31
PIONEER	P0953AM CK	AM	109	225.7	15.2	1	33.8	1461	11
				Averages =	212.8	15.1	1	34.3	1376
				LSD (0.10) =	5.6	0.6	ns		
				LSD (0.25) =	3.0	0.3	ns		
				C.V. =	2.5				
Randy Meinsma				Historic yield: 242.01 bu/a, 8 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: 10/19/2022

† 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 Grain Top 30 Harvest Report

Iowa West Central [IAWC] ANITA, IA
Ryan Rich, Cass County, IA 50020

Full-Season Test	111 - 115 Day CRM B2022IAWC21b
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Dual, Round Up, Extenda Max
SOIL DESCRIPTION:	Sharpsburg silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.9 pH, 4.7% OM, 22.8 CEC
PEST MANAGEMENT:	Round Up, Callisto, Outlook, Atrazine, Delaro Complete
FERTILITY - Applied N:	180 Fall
Applied N-P-K (units):	180-70-30
SEEDED - RATE - ROW:	May 11 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 17 34.6 /A

TEST COMMENTS:

Planting went very well and plants emerged well. Drought stress could be seen in the early test with short ears and zipper pollination and some tip back. Later season hybrids did fair. This location performs well with better conditions; just like all across the state, a few miles changes yield quite a bit where they received rain. The plot was lucky not to get touched by a hail storm that hit north of the plot and caused a replant.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6595V RIB ↗	VT2P	115	274.2	19.6	1	34.8	1726	1
Wyffels	W7945 ↗	TRE	114	274.1	20.4	1	34.8	1717	2
Channel	214-78DGV2PRIB GC ↗	VT2PDG	114	264.5	18.0	1	34.8	1682	3
Integra	6588 VT2PRIB ↗	VT2P	115	264.0	20.5	1	33.8	1653	4
Wyffels	W7876RIB ↗	VT2P	114	261.7	21.1	1	34.8	1632	8
Dyna-Gro	D54VC34RIB ↗	VT2P	114	261.3	19.5	1	34.8	1647	5
Kruger	K1501DP ↗	VT2P	115	260.4	20.1	1	34.8	1634	6
Kruger	K1191DT ↗	TRE	111	258.4	19.0	1	34.8	1633	7
Dyna-Gro	D52DC82RIB ↗	VT2PDG	112	255.0	17.4	1	34.8	1628	9
Integra	6493 VT2P ↗	VT2P	114	254.6	19.0	1	34.8	1609	11
Latham	LH 6155 VT2P RIB ↗	VT2P	111	254.1	17.2	1	34.8	1624	10
Innvictis	A1462 ↗	VT2P	114	252.5	18.6	1	34.8	1600	12
Renk	RK940SSTX ↗	STX	115	250.1	18.3	1	34.8	1587	13
Latham	LH 6477 VT2P RIB ↗	VT2P	114	246.3	19.9	1	34.8	1548	17
Dyna-Gro	D53TC23RIB ↗	TRE	113	246.1	17.2	1	33.8	1573	14
NK Brand	NK1188-D ↗	D	111	245.3	17.9	1	34.8	1561	15
Innvictis	A1192 ↗	STX	111	243.7	17.7	1	34.8	1553	16
Kruger	K1460DT ↗	TRE	114	242.9	19.8	1	34.8	1527	20
Wyffels	W6935 ↗	TRE	111	240.3	16.7	1	33.8	1541	18
Golden Harvest	G11V76-D ↗	D	111	240.3	17.7	1	34.8	1532	19
Renk	RK915VT2P ↗	VT2P	115	237.7	22.6	1	34.8	1468	26
Latham	LH 6529 SS RIB ↗	STX	115	237.1	19.3	1	34.8	1495	21
Latham	LH 6227 VT2P RIB ↗	VT2P	112	236.4	19.0	1	34.8	1494	22
Pioneer	P1222AM GC ↗	AM	112	232.6	18.4	1	34.8	1475	25
Renk	RK895DGV2P ↗	VT2PDG	113	232.2	17.7	1	34.8	1480	24
Hoegemeyer	8303 AM ↗	AM	113	231.7	16.3	1	34.8	1489	23
Renk	RK958VT2P ↗	VT2P	115	231.6	20.0	1	34.8	1455	29
Integra	6284 VT2PRIB ↗	VT2P	112	231.3	19.5	1	34.8	1457	28
AgVenture	AV9711 ↗	QR	111	227.7	18.4	1	33.8	1445	30
Latham	LH 6149 SS RIB ↗	STX	111	227.0	18.0	1	34.8	1444	31
PIONEER	P0953AM CK	AM	109	227.6	16.5	1	34.8	1461	27
				Averages =	236.5	18.7	1	34.6	1497
				LSD (0.10) =	7.4	1.0	ns		
				LSD (0.25) =	3.9	0.5	ns		
				C.V. =	3.0				
								Historic yield: 242.01 bu/a, 8 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: 10/19/2022

† 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

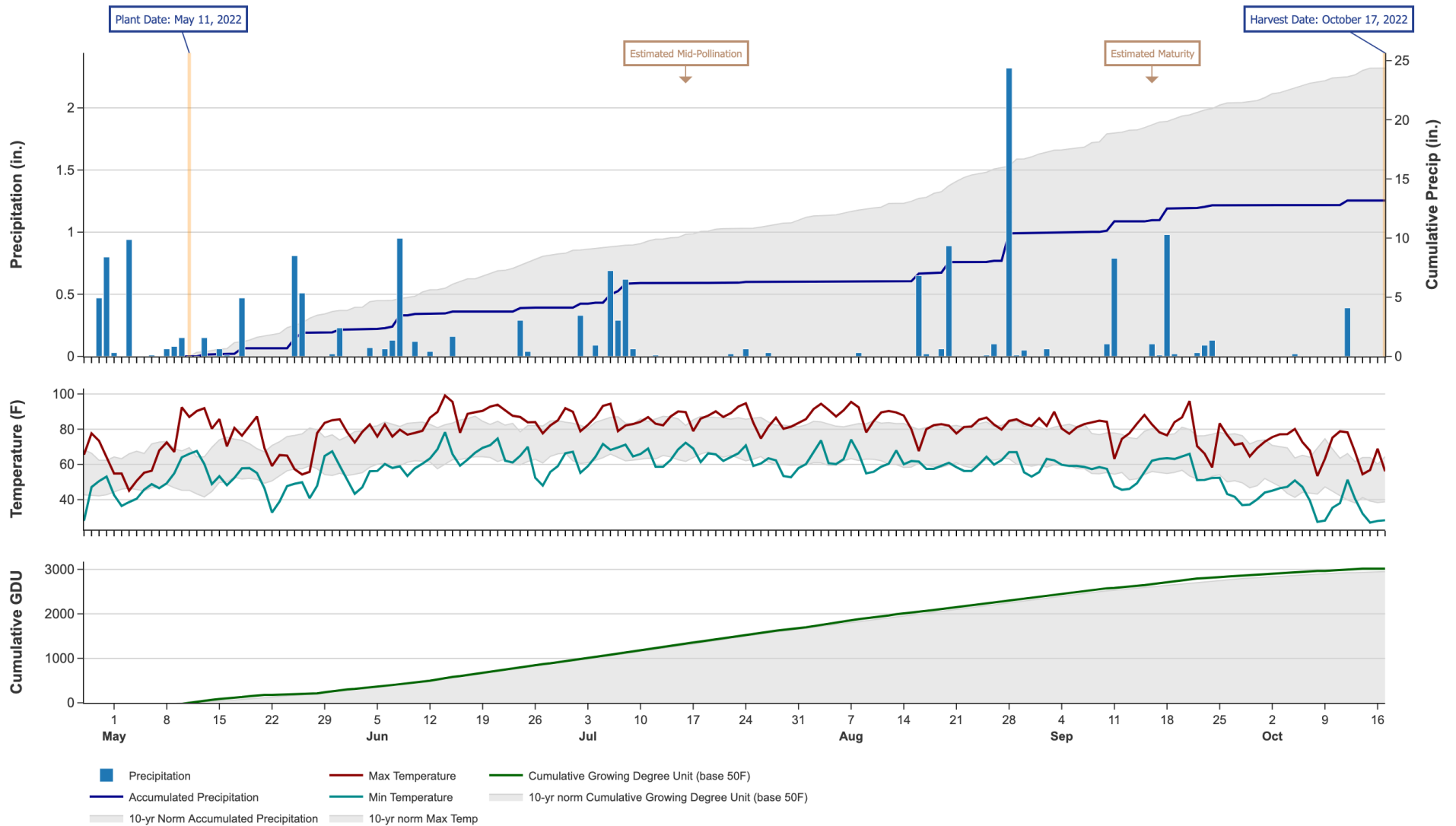
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2022 Corn - Iowa West Central [IAWC]

Weather Conditions Summary at ANITA, IA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	1.3 0.5 (+0.8)	3.5 5.6 (-2.1)	1.9 4.8 (-3.0)	2.2 2.8 (-0.6)	4.1 5.3 (-1.2)	2.3 4.8 (-2.4)	0.4 2.7 (-2.3)	15.7 26.6 (-10.9)
GDU Normal (Diff)	34 29 (+4)	374 363 (+10)	651 656 (-5)	738 736 (+1)	690 669 (+20)	512 490 (+21)	137 131 (+5)	3136 3077 (+58)



* 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.