

Test by: M&D Seed Research, LLC Van Buren, IN

2022 Corn Grain Top 30 Harvest Report

Indiana North [INNO] VALPARAISO, IN

Herrold Farms, Jeff Herrold, LaPorte County, IN 46391

Early-Season Test 103 - 108 Day CRM
B2022INNO03a

Top 30 of 40 For Gross Income
(Sorted by Yield)
Average of (4) Replications

PREV. CROP/HERB: Soybeans / Round Up

SOIL DESCRIPTION: Bourbon Sandy Loam sandy
loam, mod. well drained, non-
irrigated

SOIL CONDITION: No-Till, very high P, very high K,
5.6 pH, 2.0% OM, 8.4 CEC

PEST MANAGEMENT: Verdict, Round Up,
Propiconazol, Azoxystrobin
Fungicide

FERTILITY - Applied N: 60 Spring, 107 Sidedress

Applied N-P-K (units): 167-53-35

SEEDED - RATE - ROW: Apr 28 33.6 /A 30" spacing

HARVESTED - STAND: Oct 14 32.6 /A

TEST COMMENTS:

This is a uniform location that is a great representation of northwest Indiana dryland. Site planting went well at the end of April and it had good emergence and received enough rain during the season to keep it going. Mild late-season temperatures with a fungicide application at tassel helped to keep it healthy late into the season and into harvest. The site harvested well with a good spread of moistures and no lodging.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	D48VC84 ↗	VT2P	108	232.8	18.4	1	33.2	1544	1
Renk	RK774VT2P ↗	VT2P	108	232.6	18.3	1	33.2	1544	2
Wyckoff	2584 VT2P RIB ↗	VT2P	108	232.2	19.5	1	33.5	1530	4
Wyckoff	2632 SS RIB ↗	STX	108	231.7	19.5	1	33.2	1527	6
Pioneer	P0035AM GC ↗	AM	100	231.5	18.1	1	33.0	1538	3
Dairyland	DS-4510Q ↗	QR	105	230.8	18.6	1	33.2	1529	5
Purple Ribbon	23A08 ↗	VT2P	108	230.4	20.4	1	32.5	1511	8
Dairyland	DS-4878AM ↗	AM	108	229.4	19.3	1	33.5	1514	7
Augusta	A1359 VT2P ↗	VT2P	108	228.8	19.7	1	30.4	1506	12
Dyna-Gro	D48SS50RIB ↗	STX	108	228.7	19.7	1	33.2	1505	13
Great Heart	HT-6822VT2P ↗	VT2P	108	228.0	18.5	1	33.5	1511	9
Integra	5802 VT2PRIB ↗	VT2P	108	227.3	18.2	1	33.5	1510	10
Dyna-Gro	D45TC55 ↗	TRE	105	227.2	18.1	1	33.5	1510	11
FS InVision	FS 5815V RIB ↗	VT2P	108	225.7	18.1	2	33.2	1500	14
Wyckoff	2515 VT2P RIB ↗	VT2P	107	225.3	18.3	1	32.1	1496	15
Wyckoff	2583 TRE RIB ↗	TRE	108	224.6	18.4	1	33.5	1490	17
Dyna-Gro	D43VC81RIB ↗	VT2P	103	224.2	17.8	1	33.2	1493	16
Dairyland	DS-4567Q ↗	QR	105	223.8	18.3	1	32.8	1486	19
Specialty	37D832 ↗	VT2P	107	221.4	18.9	1	32.5	1465	21
FS InVision	FS 5725X RIB ↗	STX	107	220.8	17.8	1	32.5	1470	20
Ebberts	6138VT2P RIB ↗	VT2P	108	219.9	19.2	1	33.2	1452	24
Integra	5719 VT2PRIB ↗	VT2P	107	219.1	17.8	1	32.5	1459	22
Great Heart	HT-6887 5222EZ ↗	DV	108	218.4	20.2	1	30.0	1433	27
Integra	5443 DGVT2PRIB ↗	VT2PDG	104	217.7	17.1	1	33.5	1456	23
Renk	RK710DGVT2P ↗	VT2PDG	107	216.3	18.0	1	33.5	1438	25
Ebberts	7209TR RIB ↗	TRE	108	216.1	17.9	1	30.7	1438	26
FS InVision	FS 5525VDG RIB ↗	VT2P	105	214.1	16.9	1	31.8	1433	28
Augusta	A4759-3111 ↗	3111	109	213.7	18.5	1	33.5	1417	30
FS InVision	FS 5594X RIB ↗	STX	105	213.3	17.9	1	33.2	1420	29
Wyckoff	2440 SS RIB ↗	STX	106	212.8	17.8	1	31.1	1417	31
PIONEER	P0720Q CK	QR	107	225.3	19.0	1	32.1	1489	18

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Averages = **220.5** **18.5** **1** **32.6** **1463**

LSD (0.10) = 8.6 0.6 ns

LSD (0.25) = 4.5 0.3 ns

C.V. = 4.3 Historic yield: 192.46 bu/a, 4 yr(s)

Yield & Income Factors: Base Moisture = 15.5% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$6.75; non-GMO = \$6.75

Report Date: 10/15/2022

† 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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Indiana North [INNO] VALPARAISO, IN
Herrold Farms, Jeff Herrold, LaPorte County, IN 46391

Full-Season Test	109 - 112 Day CRM B2022INNO03b
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Round Up
SOIL DESCRIPTION:	Bourbon Sandy Loam sandy loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.6 pH, 2.0% OM, 8.4 CEC
PEST MANAGEMENT:	Verdict, Round Up, Propiconazol, Azoxystrobin Fungicide
FERTILITY - Applied N:	60 Spring, 107 Sidedress
Applied N-P-K (units):	167-53-35
SEEDED - RATE - ROW:	Apr 28 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 14 32.9 /A

TEST COMMENTS:

This is a uniform location that is a great representation of northwest Indiana dryland. Site planting went well at the end of April and it had good emergence and received enough rain during the season to keep it going. Mild late-season temperatures with a fungicide application at tassel helped to keep it healthy late into the season and into harvest. The site harvested well with a good spread of moistures and no lodging.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyckoff	2679 DGVT2P RIB ↗	VT2PDG	112	241.6	22.0	1	32.8	1568	1
Great Heart	HT-7148TRE ↗	TRE	111	237.6	21.0	1	33.5	1552	2
Wyckoff	2667 DGVT2P RIB ↗	VT2PDG	111	235.0	21.0	1	33.2	1534	4
Wyckoff	2669 SS RIB ↗	STX	111	234.8	21.6	1	32.8	1528	5
Dairyland	DS-5095AM ↗	AM	110	233.0	21.9	1	33.2	1514	9
Great Heart	HT-7044VT2P ↗	VT2P	110	232.4	20.8	1	33.5	1520	7
FS InVision	FS 6194V RIB ↗	VT2P	111	232.0	19.6	1	32.1	1527	6
Wyckoff	2678 VT2P RIB ↗	VT2P	111	232.0	21.5	1	33.5	1510	10
Wyckoff	2711 VT2P RIB ↗	VT2P	112	231.1	22.4	1	32.5	1497	15
Ebberts	6883DGVT2P RIB ↗	VT2PDG	112	230.2	20.4	1	33.2	1509	11
Specialty	41A392 ↗	STX	111	229.9	20.6	1	32.8	1505	12
Augusta	A7162 VT2P ↗	VT2P	112	229.2	21.0	1	33.5	1497	16
Dairyland	DS-5279Q ↗	QR	112	229.2	22.2	1	32.5	1485	21
Ebberts	6220VT2P RIB ↗	VT2P	110	229.1	21.2	1	32.1	1494	19
FS InVision	FS 6017V RIB ↗	VT2P	110	229.1	18.7	1	33.5	1517	8
ProHarvest	79P87 SSRIB ↗	STX	109	229.0	20.4	1	33.5	1501	14
Purple Ribbon	23A11 ↗	STX	111	228.8	20.8	1	33.2	1496	18
Specialty	42D843 ↗	VT2P	112	228.6	22.6	1	33.5	1478	23
Specialty	39G569 ↗	VT2PDG	109	228.0	20.1	1	33.2	1497	17
Augusta	A1961 TRE ↗	TRE	111	227.8	19.4	1	33.2	1502	13
NK Brand	NK1082-DV ↗	DV	110	227.7	21.0	1	32.8	1487	20
Dairyland	DS-5161Q ↗	QR	111	226.5	20.6	1	32.8	1483	22
Purple Ribbon	23A12 ↗	VT2PDG	112	226.4	22.1	1	33.2	1468	25
FS InVision	FS 6025X RIB ↗	STX	110	225.9	22.1	1	33.2	1466	26
Dairyland	DS-5250AM ↗	AM	112	223.6	20.9	1	33.2	1461	28
Purple Ribbon	23A09 ↗	VT2P	109	223.5	19.3	1	32.1	1474	24
Golden Harvest	G11V76-AA ↗	AA	111	223.5	20.3	1	33.2	1465	27
Ebberts	7722TR RIB ↗	TRE	112	221.8	19.5	1	33.2	1461	29
NK Brand	NK1188-D ↗	D	111	221.5	19.6	1	31.8	1459	30
Renk	RK805VT2P ↗	VT2P	110	220.2	19.5	1	32.5	1451	31
PIONEER	P0720Q CK	QR	107	233.9	19.5	1	33.2	1541	3
				Averages =	225.2	20.8	1	32.9	1473
				LSD (0.10) =	9.1	0.7	ns		
				LSD (0.25) =	4.8	0.4	ns		
				C.V. =	4.4				
				Historic yield: 192.46 bu/a, 4 yr(s)					

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Yield & Income Factors: Base Moisture = 15.5% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$6.75; non-GMO = \$6.75

Report Date: 10/15/2022

† 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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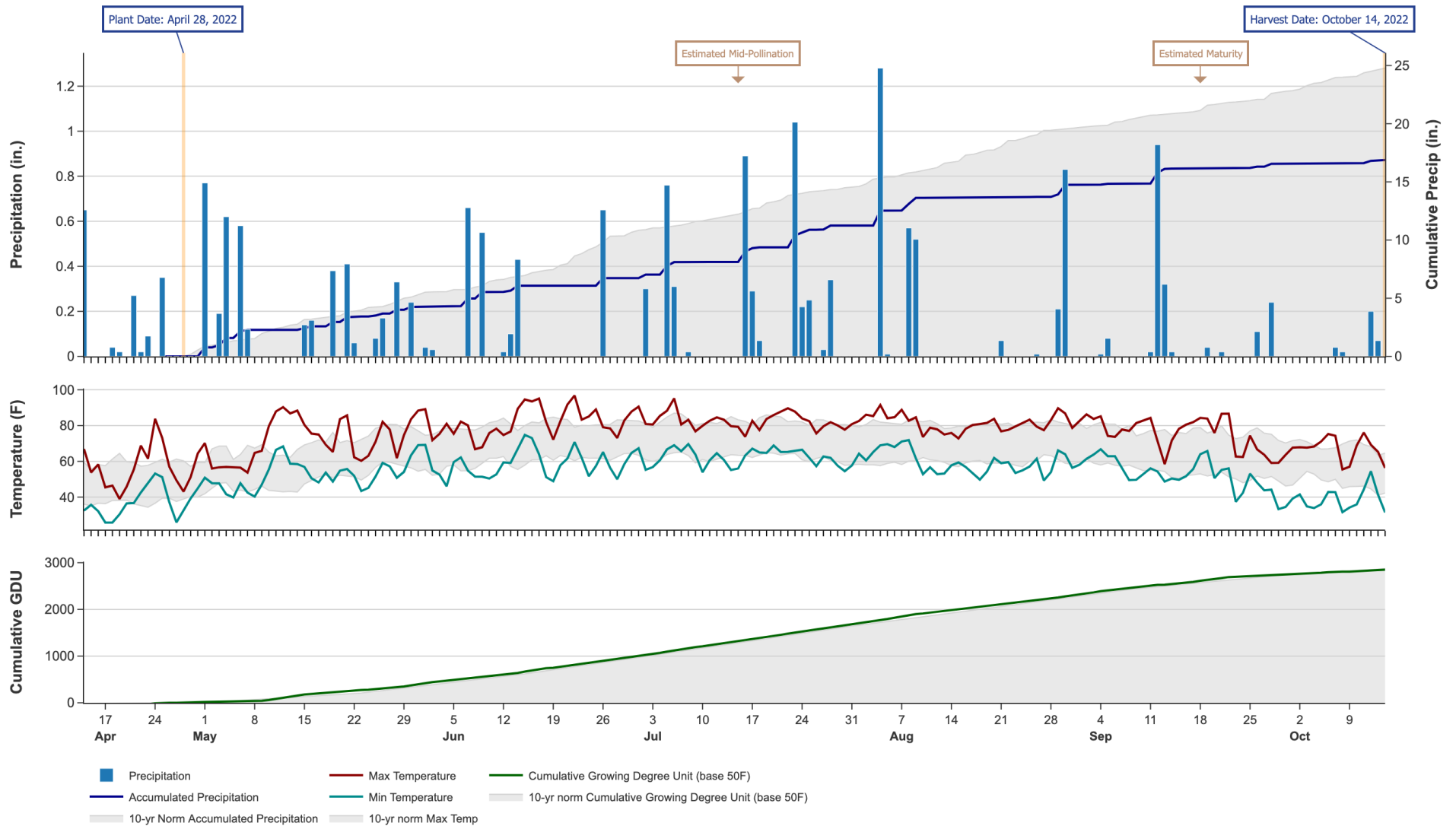
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2022 Corn - Indiana North [INNO]

Weather Conditions Summary at VALPARAISO, IN

Weather Data Retrieved: 10/15/2022

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	1.4 2.2 (-0.8)	4.2 4.8 (-0.5)	2.5 5.3 (-2.8)	4.5 3.9 (+0.6)	3.5 5.0 (-1.5)	1.8 3.2 (-1.4)	0.3 2.0 (-1.7)	18.3 26.4 (-8.1)
GDU Normal (Diff)	53 12 (+40)	394 350 (+43)	581 599 (-18)	685 692 (-7)	628 628 (0)	442 463 (-21)	113 135 (-22)	2896 2883 (+12)



* 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 - Indiana North [INNO]

Early-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1359 VT2P	VT2P	N	108	CM,C2
Augusta	A4759-3111	3111	N	109	CM,C2,Vi
Augusta	A4858-5122	D	N	108	CM,C2,Vi
Dairyland	DS-4510Q	QR	Y	105	Lum, L1
Dairyland	DS-4567Q	QR	Y	105	Lum, L1
Dairyland	DS-4878AM	AM	Y	108	Lum, L1
Dyna-Gro	D43VC81RIB	VT2P	N	103	AC,P5V
Dyna-Gro	D45TC55	TRE	Y*	105	AC,P5V
Dyna-Gro	D48SS50RIB	STX	Y	108	AC,P5V
Dyna-Gro	D48VC84	VT2P	N	108	AC,P5V
Ebberts	6138VT2P RIB	VT2P	Y	108	Ebberts
Ebberts	6626VT2P RIB	VT2P	Y	106	Ebberts
Ebberts	7209TR RIB	TRE	Y	108	Ebberts
FS InVision	FS 5525VDG RIB	VT2P	Y	105	AC,P2
FS InVision	FS 5594X RIB	STX	Y	105	AC,P5V
FS InVision	FS 5725X RIB	STX	Y	107	AC,P5V
FS InVision	FS 5815V RIB	VT2P	Y	108	AC,P5V
Golden Harvest	G07G73-D	D	Y	107	AVC,C2,Vi,Va
Great Heart	HT-6822VT2P	VT2P	Y	108	Treated
Great Heart	HT-6887 5222EZ	DV	Y	108	Treated
Integra	5443 DGV2PRIB	VT2PDG	N	104	AC,P5V
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P5V,SU+Zn
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
NK Brand	NK0696-D	D	Y	106	AVC,C2,Vi,Va
Partners Brand	PB 7525 HAW GC	PC	N*	105	AC,P2,SU
Pioneer	P0035AM GC	AM	Y	100	Lum, L1
Pioneer	P0720Q CK	QR	Y	107	Lum
Purple Ribbon	22A07	VT2P	Y	107	AC,P2
Purple Ribbon	23A08	VT2P	Y	108	AC,P2
Renk	RK700SSTX	STX	N	108	AC,P5V
Renk	RK710DGV2P	VT2PDG	Y	107	AC,P2
Renk	RK774VT2P	VT2P	N	108	AC,P2
Specialty	33D552	VT2P	Y	103	AC,P5V,EDC-B
Specialty	37D832	VT2P	Y	107	AC,P5V,EDC-B
Specialty	38D871	VT2P	Y	108	AC,P5V,EDC-B
Wyckoff	2440 SS RIB	STX	Y	106	AC,P5V
Wyckoff	2515 VT2P RIB	VT2P	Y	107	CM,C2,Vi
Wyckoff	2583 TRE RIB	TRE	Y	108	AC,P2
Wyckoff	2584 VT2P RIB	VT2P	Y	108	AC,P2
Wyckoff	2632 SS RIB	STX	Y	108	AC,P5V,B300

* 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 - Indiana North [INNO]

Full-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1961 TRE	TRE	N	111	CM,C2
Augusta	A7162 VT2P	VT2P	N	112	CM,C2,Vi
Dairyland	DS-5095AM	AM	Y	110	Lum, L1
Dairyland	DS-5144Q	QR	Y	111	Lum, L1
Dairyland	DS-5161Q	QR	Y	111	Lum, L1
Dairyland	DS-5250AM	AM	Y	112	Lum, L1
Dairyland	DS-5279Q	QR	Y	112	Lum, L1
Ebberts	6220VT2P RIB	VT2P	Y	110	Ebberts
Ebberts	6883DGV2P RIB	VT2PDG	Y	112	Ebberts
Ebberts	7722TR RIB	TRE	Y	112	Ebberts
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6194V RIB	VT2P	Y	111	AC,P5V
FS InVision	FS 6217T RIB	TRE	Y	112	AC,P5V
Golden Harvest	G09T26-AA	AA	Y	109	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G11V76-AA	AA	Y	111	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G12S75-D	D	Y	112	AVC,C2,CM,C5,Vi,Va
Great Heart	HT-7044VT2P	VT2P	Y	110	Treated
Great Heart	HT-7148TRE	TRE	Y	111	Treated
NK Brand	NK1082-DV	DV	Y	110	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1188-D	D	Y	111	AVC,C5,Vi
NK Brand	NK1239-D	D	Y	112	AVC,C2,CM,C5,Vi,Va
Pioneer	P0720Q CK	QR	Y	107	Lum
ProHarvest	79P72 DVZ	DVZ	Y	109	AVC,C5,Vi,Va
ProHarvest	79P87 SSRIB	STX	Y	109	AC,P2
ProHarvest	82P29 VT2PRIB	VT2P	Y	112	AC,P2
Purple Ribbon	23A09	VT2P	Y	109	AC,P2
Purple Ribbon	23A11	STX	Y	111	AC,P2
Purple Ribbon	23A12	VT2PDG	Y	112	AC,P2
Renk	RK801SSTX	STX	N	110	AC,P5V
Renk	RK805VT2P	VT2P	N	110	AC,P2
Specialty	39G569	VT2PDG	Y	109	AC,P5V,EDC-B
Specialty	41A392	STX	Y	111	AC,P5V,EDC-B
Specialty	41DT911	TRE	Y	111	AC,P5V,EDC-B
Specialty	42D843	VT2P	Y	112	AC,P2
Wyckoff	2667 DGV2P RIB	VT2PDG	Y	111	AC,P2
Wyckoff	2669 SS RIB	STX	Y	111	AC,P5V
Wyckoff	2678 VT2P RIB	VT2P	Y	111	AC,P5V
Wyckoff	2679 DGV2P RIB	VT2PDG	Y	112	AC,P2
Wyckoff	2711 VT2P RIB	VT2P	Y	112	AC,P5V,EDC-B

* 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

3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)
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
DVZ	DuracadeViptera™ Z3 (Vip,CB,VTP,RW,RW2,LL,GT), formerly Agrisure Duracade® 5332
PC	PowerCore™
QR	Qrome™
STX	SmartStax®
TRE	Trecepta®
VT2P	VT Double PRO®
VT2PDG	VT Double PRO® DroughtGard®

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

Corn Seed Treatments*

NA	Not Available
AC,P2	Acceleron® 250
AC,P2,SU	Acceleron® 250, StepUp
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
AVC,C2,CM,C5,Vi,Va	Avicta® Complete 250, CruiserMaxx 500, Vibrance®, Vayantis®
AVC,C2,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
AVC,C5,Vi	Avicta® Complete 500, Vibrance
AVC,C5,Vi,Va	Avicta Complete 500, Vibrance, Vayantis
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
Ebberts	Ebberts Complete Corn (Ebberts Field Seeds)
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	(2022) LumiGEN, Lumisure 1250
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.