

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

2023 Corn Grain Top 30 Harvest Report

Indiana North [INNO] VALPARAISO, IN
Matt Goetz, LaPorte County, IN

Early-Season Test	103 - 108 Day CRM B2023INNO03a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Authority, Roundup
SOIL DESCRIPTION:	Tracy sandy loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 6.2 pH, 1.9% OM, 8.6 CEC
PEST MANAGEMENT:	Raptor, Balance Flexx, Status, Glyphosate, Zolera Fungicide, Provincine 2 Insecticide
FERTILITY - Applied N:	140 Spring, 18 Planter, 60 Sidedress
Applied N-P-K (units):	218-0-90
SEEDED - RATE - ROW:	May 5 33.6 /A 30" spacing
HARVESTED - STAND:	Nov 4 33.2 /A

TEST COMMENTS:

This is a very uniform and high-yielding site that was planted early with good early-season emergence and plant vigor. The site was dry early in the growing season which helped plants root with better rains later in the season to help with pollination. Plots were standing well and very healthy at harvest with no lodging present. A good spread of moistures were seen at this site.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	5802 VT2PRIB ↗	VT2P	108	274.8	18.1	1	33.5	1140	1
Partners Brand	PB 7928-VT2PRIB ↗	VT2P	109	273.5	18.4	1	33.5	1131	2
Ebberts	7209TR RIB ↗	TRE	108	272.1	18.7	1	33.5	1122	4
Wyckoff	2632 SS RIB ↗	STX	108	271.6	19.0	1	33.5	1116	6
Specialty	38G252 ↗	VT2PDG	108	270.5	18.0	1	33.2	1123	3
Specialty	38D871 ↗	VT2P	108	270.3	18.3	1	33.2	1119	5
FS InVision	FS 5835V RIB ↗	VT2P	108	270.0	18.5	1	33.5	1115	8
Ebberts	9779SSX RIB ↗	STX	108	268.8	18.0	1	33.5	1116	7
ProHarvest	77P19 VT2P ↗	VT2P	107	266.9	17.5	1	33.5	1113	9
Wyckoff	2497 PCE ↗	PCE	107	266.0	18.5	1	33.2	1098	11
Partners Brand	PB 7783-PCE ↗	PCE	107	264.7	18.5	1	33.5	1094	14
Integra	5704 SSSPRO ↗	STXP	107	263.5	17.7	1	33.2	1097	13
FS InVision	FS 5335P RIB ↗	STXP	103	263.4	16.9	1	33.5	1105	10
FS InVision	FS 5725X RIB ↗	STX	107	262.6	17.6	1	33.2	1094	15
Pioneer	P0720AM GC ↗	AM	107	262.5	18.1	1	32.8	1089	17
Great Heart	HT-6583TRE ↗	TRE	105	262.5	17.7	1	33.5	1093	16
Dairyland	DS-4833AM ↗	AM	108	261.9	17.9	1	33.5	1088	18
Dairyland	DS-4878AM ↗	AM	108	259.5	18.6	1	33.2	1071	25
Renk	RK720TRE ↗	TRE	106	259.2	17.2	1	32.8	1084	19
Dairyland	DS-4510Q ↗	QR	105	259.0	17.7	1	33.5	1078	21
Purple Ribbon	23A08 ↗	VT2P	108	258.7	18.8	1	33.2	1066	26
Wyckoff	2584 VT2P RIB ↗	VT2P	108	258.6	17.7	1	33.5	1076	22
Specialty	35D513 ↗	VT2P	105	258.3	17.1	1	32.8	1082	20
Dairyland	DS-4686AM ↗	AM	106	258.1	17.7	1	32.8	1074	23
Ebberts	7188PC ↗	PC	108	255.8	18.5	1	33.5	1057	31
Wyckoff	2583 TRE RIB ↗	TRE	108	255.7	18.0	1	33.5	1062	27
Renk	RK707TRE ↗	TRE	105	254.9	16.6	1	33.5	1072	24
FS InVision	FS 5594X RIB ↗	STX	105	254.7	17.5	1	33.5	1062	28
Dairyland	DS-4365AM ↗	AM	103	252.2	16.8	1	33.5	1058	29
Renk	RK625DGVT2P ↗	VT2PDG	104	251.0	16.3	1	32.8	1058	30
PIONEER	P0859AM CK	AM	108	263.9	17.7	1	32.8	1098	12



Matt Turner

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Averages = **256.1** **17.8** **1** **33.2** **1065**

LSD (0.10) = 11.4 0.4 ns

LSD (0.25) = 6.0 0.2 ns

C.V. = 4.9

Historic yield: 198.95 bu/a, 5 yr(s)

Yield & Income Factors: Base Moisture = 15.5% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.25; non-GMO = \$4.75

Report Date: 11/05/2023

† 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 Grain Top 30 Harvest Report

Indiana North [INNO] VALPARAISO, IN

Wyckoff Hybrids, Inc., Matt Goetz, LaPorte County, IN

Full-Season Test	109 - 112 Day CRM B2023INNO03b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Authority, Roundup
SOIL DESCRIPTION:	Tracy sandy loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 6.2 pH, 1.9% OM, 8.6 CEC
PEST MANAGEMENT:	Raptor, Balance Flexx, Status, Glyphosate, Zolera Fungicide, Provincine 2 Insecticide
FERTILITY - Applied N:	140 Spring, 18 Planter, 60 Sidedress
Applied N-P-K (units):	218-0-90
SEEDED - RATE - ROW:	May 5 33.6 /A 30" spacing
HARVESTED - STAND:	Nov 4 33.2 /A

TEST COMMENTS:

This is a very uniform and high-yielding site that was planted early with good early-season emergence and plant vigor. The site was dry early in the growing season which helped plants root with better rains later in the season to help with pollination. Plots were standing well and very healthy at harvest with no lodging present. A good spread of moistures were seen at this site.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
ProHarvest	79P87 SSRIB ↗	STX	109	279.7	19.4	1	32.8	1145	1
Wyckoff	2679 DGVT2P RIB ↗	VT2PDG	112	277.8	20.3	1	33.5	1128	2
Ebberts	6444VT2P RIB ↗	VT2P	114	275.6	19.8	1	33.2	1124	3
Wyckoff	2667 DGVT2P RIB ↗	VT2PDG	111	275.0	20.0	1	32.8	1120	6
Integra	6274 VT2PRIB ↗	VT2P	112	274.4	19.4	1	33.2	1123	4
Great Heart	HT-7256DGVT2P ↗	VT2PDG	112	273.3	19.6	1	33.5	1117	7
Integra	6061 STXRIB ↗	STX	110	272.1	19.6	1	33.2	1112	8
Dairyland	DS-5177AM ↗	AM	111	271.5	18.3	1	33.5	1123	5
FS InVision	FS 6133VDG RIB ↗	VT2PDG	111	271.1	20.3	1	33.5	1100	14
Dairyland	DS-5095AM ↗	AM	110	270.5	19.5	1	32.5	1107	11
Dairyland	DS-5250AM ↗	AM	112	269.2	18.8	1	33.5	1108	10
ProHarvest	81P88 TRERIB ↗	TRE	111	269.0	19.4	1	33.5	1102	13
Specialty	42D843 ↗	VT2P	112	268.7	22.2	1	33.5	1071	27
Ebberts	6883DGVT2P RIB ↗	VT2PDG	112	268.4	19.3	1	33.5	1100	15
Integra	6244 PWE ↗	PCE	112	268.4	19.6	1	33.5	1097	18
Wyckoff	2711 VT2P RIB ↗	VT2P	112	267.9	20.2	1	33.5	1088	22
Renk	RK773TRE ↗	TRE	109	267.3	18.2	1	33.5	1107	12
FS InVision	FS 6137PC ↗	PCE	111	267.2	19.5	1	33.5	1092	19
Renk	RK811PWE ↗	PCE	111	266.7	18.8	1	33.5	1099	16
Purple Ribbon	23A12 ↗	VT2PDG	112	266.4	20.0	1	33.5	1084	23
ProHarvest	79P49 VT2PRIB ↗	VT2P	109	266.1	18.6	1	33.2	1098	17
Purple Ribbon	24A09 ↗	VT2P	109	265.5	17.3	1	33.5	1109	9
FS InVision	FS 6217T RIB ↗	TRE	112	265.5	19.9	1	33.5	1082	26
Specialty	39P573 ↗	STXP	109	265.4	19.0	1	33.5	1091	20
Purple Ribbon	23A10 ↗	VT2P	110	264.1	19.2	1	33.5	1083	24
Great Heart	HT-7044VT2P ↗	VT2P	110	263.1	18.8	1	33.2	1083	25
Renk	RK766SSPRO ↗	STXP	109	262.1	17.7	1	32.1	1091	21
Augusta	A2061-PWE ↗	PCE	111	261.2	19.2	1	33.5	1071	28
Wyckoff	2656 PCE ↗	PCE	111	259.4	18.9	1	33.5	1067	29
Specialty	41DT911 ↗	TRE	111	259.0	18.7	1	33.5	1067	30
PIONEER	P0859AM CK	AM	108	242.7	18.2	1	32.6	1005	48



Matt Turner

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Averages = **262.7** **19.4** **1** **33.2** **1075**

LSD (0.10) = 9.8 0.6 ns

LSD (0.25) = 5.2 0.3 ns

C.V. = 4.1

Historic yield: 198.95 bu/a, 5 yr(s)

Yield & Income Factors: Base Moisture = 15.5% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.25; non-GMO = \$4.75

Report Date: 11/05/2023

† 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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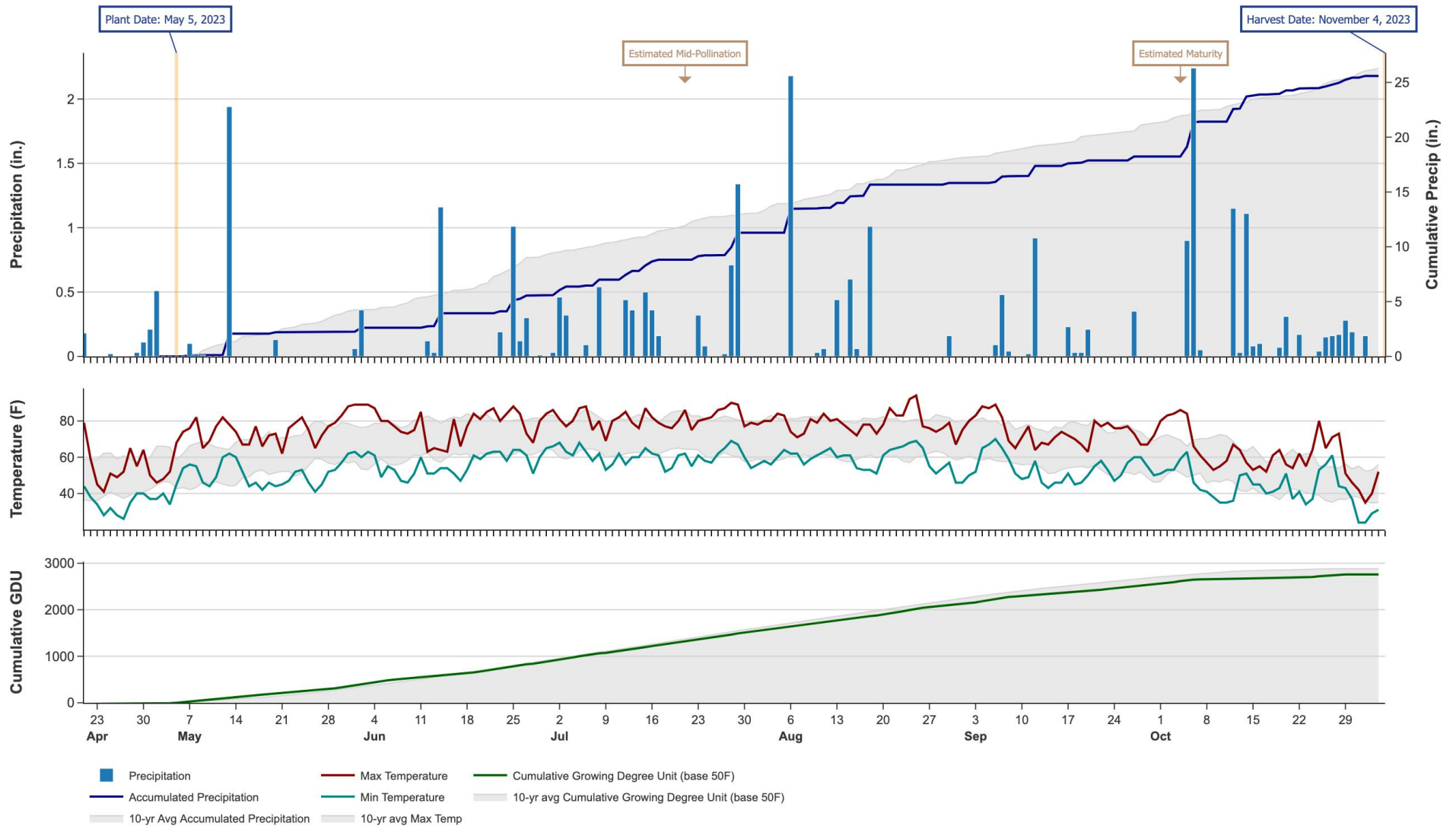
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2023 Corn - Indiana North [INNO]

Weather Conditions Summary at VALPARAISO, IN

Weather Data Retrieved: 11/05/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) (Diff)	0.3 1.2 (-0.9)	2.9 5.0 (-2.1)	3.4 5.2 (-1.8)	5.7 3.8 (+2.0)	4.5 5.0 (-0.5)	2.4 3.2 (-0.8)	7.2 4.5 (+2.7)	0.2 0.5 (-0.3)	26.6 28.4 (-1.7)
GDU Avg (Diff)	29 12 (+16)	366 342 (+23)	526 601 (-75)	644 679 (-35)	586 635 (-49)	428 473 (-45)	217 183 (+33)	0 0 (0)	2796 2927 (-131)



* 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 - Indiana North [INNO]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1954 PCE	PCE	N	104	CM,C2
Augusta	A1958-DV	DV	N	108	CM,C2
Augusta	A2057-3111	3111	N	107	CM,C2
Dairyland	DS-4365AM	AM	Y	103	Lum, L1
Dairyland	DS-4510Q	QR	Y	105	Lum, L1
Dairyland	DS-4686AM	AM	Y	106	Lum, L1
Dairyland	DS-4833AM	AM	Y	108	Lum, L1
Dairyland	DS-4878AM	AM	Y	108	Lum, L1
DeKalb	DKC56-15RIB GC	TRE	Y	106	AC,P5V,EDC-EL
Dyna-Gro	D44DC73RIB	VT2PDG	Y	104	AC,P5V
Ebberts	7188PC	PC	N	108	Ebberts
Ebberts	7209TR RIB	TRE	Y	108	Ebberts
Ebberts	9779SSX RIB	STX	Y	108	Ebberts
FS InVision	FS 5335P RIB	STXP	Y	103	AC,P5V,EDC-EL
FS InVision	FS 5525VDG RIB	VT2PDG	Y	105	AC,P5V,EDC-EL
FS InVision	FS 5594X RIB	STX	Y	105	AC,P5V,EDC-EL
FS InVision	FS 5725X RIB	STX	Y	107	AC,P5V,EDC-EL
FS InVision	FS 5835V RIB	VT2P	Y	108	AC,P5V,EDC-EL
Golden Harvest	G03B19-AA	AA	Y	103	CM,C5,Va
Golden Harvest	G08B38-AA	AA	Y	108	CM,C5,Va
Great Heart	HT-6583TRE	TRE	Y	105	P5V
Integra	5443 DGVT2PRIB	VT2PDG	N	104	AC,P5V,SU+Zn
Integra	5704 SSSPRO	STXP	Y	107	AC,P5V
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
M & W Seeds	MW A107 PWR GC	PC	Y	107	Ti
NK Brand	NK0367-AA	AA	Y	103	CM,C5,Va
NK Brand	NK0835-AA	AA	Y	108	CM,C5,Va
Partners Brand	PB 7783-PCE	PCE	N	107	CM,C2,Vi,Va
Partners Brand	PB 7928-VT2PRIB	VT2P	Y	109	ACi
Pioneer	P0035AM GC	AM	Y	100	Lum
Pioneer	P0720AM GC	AM	Y	107	Lum, L1
Pioneer	P0859AM CK	AM	Y	108	Lum
ProHarvest	75P85 DGVT2P	VT2PDG	N	105	AC,P5V,Va
ProHarvest	77P19 VT2P	VT2P	N	107	AC,P5V,Va
Purple Ribbon	23A08	VT2P	Y	108	AC,P2
Renk	RK625DGV2P	VT2PDG	N	104	AC,P2
Renk	RK703PWE	PCE	N	106	Lum,P5V
Renk	RK707TRE	TRE	N	105	AC,P5V,B300
Renk	RK720TRE	TRE	N	106	AC,P2
Specialty	35D513	VT2P	Y	105	AC,P5V
Specialty	37D832	VT2P	Y	107	AC,P5V
Specialty	38D871	VT2P	Y	108	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Specialty	38G252	VT2PDG	Y	108	AC,P5V
Wyckoff	2497 PCE	PCE	N	107	AC,P5V
Wyckoff	2515 VT2P RIB	VT2P	Y	107	AC,P2
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

* 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 - Indiana North [INNO]

Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1160-AA	AA	N	110	CM,C2
Augusta	A1259-5222	DV	Y*	109	CM,C2
Augusta	A2061-PWE	PCE	N	111	CM,C2
Augusta	A2262-3110	3110	N	112	CM,C2
Augusta	A6162-DV	DV	N*	112	CM,C2
Dairyland	DS-4917AM	AM	Y	109	Lum, L1
Dairyland	DS-5095AM	AM	Y	110	Lum, L1
Dairyland	DS-5177AM	AM	Y	111	Lum, L1
Dairyland	DS-5250AM	AM	Y	112	Lum, L1
Ebberts	6220VT2P RIB	VT2P	Y	110	Ebberts
Ebberts	6444VT2P RIB	VT2P	Y	114	Ebberts
Ebberts	6883DGVT2P RIB	VT2PDG	Y	112	Ebberts
FS InVision	FS 6133VDG RIB	VT2PDG	Y	111	AC,P5V,EDC-EL
FS InVision	FS 6137PC	PCE	N	111	CM,C2,Vi,Va
FS InVision	FS 6217T RIB	TRE	Y	112	AC,P5V,EDC-EL
FS InVision	FS 6225L1 EZR	AA	Y	112	AC,P5V,EDC-EL
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Va
Golden Harvest	G10L16-DV	DV	Y	110	AVC,C1,Va
Golden Harvest	G11V76-AA	AA	Y	111	CM,C5,Va
Golden Harvest	G12S75-D	D	Y	112	AVC,C1,Va
Great Heart	HT-7044VT2P	VT2P	Y	110	P5V
Great Heart	HT-7256DGVT2P	VT2PDG	Y	112	P5V
Integra	6061 STXRIB	STX	Y	110	AC,P5V,SU+Zn
Integra	6244 PWE	PCE	N	112	AC,P5V
Integra	6274 VT2PRIB	VT2P	Y	112	AC,P5V
NK Brand	NK1082-DV	DV	Y	110	AVC,C1,Va
NK Brand	NK1188-AA	AA	Y	111	CM,C5,Va
Pioneer	P0859AM CK	AM	Y	108	Lum
Pioneer	P1136AM GC	AM	Y	111	Lum
ProHarvest	79P49 VT2PRIB	VT2P	Y	109	AC,P5V,Va
ProHarvest	79P87 SSRIB	STX	Y	109	AC,P5V,Va
ProHarvest	81P88 TRERIB	TRE	Y	111	AC,P5V,Va
Purple Ribbon	23A10	VT2P	Y	110	AC,P2
Purple Ribbon	23A11 TRE	TRE	Y	111	AC,P2
Purple Ribbon	23A12	VT2PDG	Y	112	AC,P2
Purple Ribbon	24A09	VT2P	Y	109	AC,P2
Renk	RK766SSPRO	STXP	N	109	AC,P5V,B300
Renk	RK773TRE	TRE	N	109	AC,P5V,B300
Renk	RK811PWE	PCE	N	111	Lum,P5V
Specialty	39G569	VT2PDG	Y	109	AC,P5V
Specialty	39P573	STXP	Y	109	AC,P5V
Specialty	41DT911	TRE	Y	111	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Specialty	42D843	VT2P	Y	112	AC,P2
Wyckoff	2656 PCE	PCE	N	111	CM,C2,Vi,Va
Wyckoff	2667 DGVT2P RIB	VT2PDG	Y	111	AC,P2
Wyckoff	2678 VT2P RIB	VT2P	Y	111	AC,P2
Wyckoff	2679 DGVT2P RIB	VT2PDG	Y	112	AC,P2
Wyckoff	2711 VT2P RIB	VT2P	Y	112	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

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

3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
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
PC	PowerCore®
PCE	PowerCore® Enlist®
QR	Qrome®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
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
ACi	Acceleron® Standard Insecticide-Fungicide
AC,P2	Acceleron® 250
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B300	Acceleron® Poncho 500/Votivo with B-300 SAT
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,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AVC,C1,Va	Avicta® Complete 1250 with Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
Ebberts	Ebberts Complete Corn (Ebberts Field Seeds)
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
Lum,P5V	LumiGEN™ Poncho 500/Votivo
P5V	Poncho 500/Votivo
Ti	Titan Corn 250 (M & W Seeds)

* Seed treatments may include unspecified plant health promoting components.