

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

2023 Corn Grain Top 30 Harvest Report

Indiana North [INNO] WOLCOTT, IN
Troy Furrer, White County, IN

Early-Season Test	103 - 108 Day CRM B2023INNO02a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Prefix, Roundup, Liberty, Dual
SOIL DESCRIPTION:	Wolcott loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Strip-Till, low P, medium K, 5.3 pH, 3.1% OM, 18.0 CEC
PEST MANAGEMENT:	Trivolt, Atrazine
FERTILITY - Applied N:	120 Fall, 90 Sidedress
Applied N-P-K (units):	210-78-90
SEEDED - RATE - ROW:	Apr 14 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 7 33.2 /A

TEST COMMENTS:

The site was our first planted, in mid-April, with cool conditions following planting. Plots had good emergence a few weeks after planting with uniform stands despite the cool, late April weather. Plots received just enough early rain to promote growth with a dry May that pushed roots deep seeking moisture. Good rains later in the growing season with mild temperatures filled ears to the tip with deep kernels.

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	284.6	17.7	1	33.5	1398	1	
Wyckoff	2632 SS RIB ↗	STX	108	283.4	18.6	1	33.5	1382	2	
Dairyland	DS-4510Q ↗	QR	105	276.3	17.9	1	33.5	1354	4	
ProHarvest	77P19 VT2P ↗	VT2P	107	275.9	17.5	1	33.5	1357	3	
Dairyland	DS-4686AM ↗	AM	106	275.8	18.0	1	33.5	1351	6	
Partners Brand	PB 7928-VT2PRIB ↗	VT2P	109	275.7	18.6	1	33.5	1345	7	
Ebberts	7188PC ↗	PC	108	275.6	17.7	1	33.5	1353	5	
Dairyland	DS-4833AM ↗	AM	108	273.3	18.0	1	33.5	1339	9	
Specialty	38D871 ↗	VT2P	108	273.3	18.3	1	33.5	1336	10	
Partners Brand	PB 7783-PCE ↗	PCE	107	272.5	18.0	1	33.5	1336	11	
Dairyland	DS-4878AM ↗	AM	108	271.5	17.8	1	32.8	1333	12	
Integra	5802 VT2PRIB ↗	VT2P	108	271.4	16.9	1	33.2	1342	8	
Wyckoff	2583 TRE RIB ↗	TRE	108	271.1	18.0	1	32.4	1328	14	
Dyna-Gro	D44DC73RIB ↗	VT2PDG	104	269.3	17.1	1	32.5	1330	13	
Purple Ribbon	23A08 ↗	VT2P	108	269.0	18.6	1	33.2	1312	16	
Wyckoff	2515 VT2P RIB ↗	VT2P	107	268.9	17.7	1	33.5	1321	15	
Ebberts	9779SSX RIB ↗	STX	108	267.8	18.1	1	33.5	1311	17	
Renk	RK703PWE ↗	PCE	106	267.4	18.0	1	33.2	1310	18	
FS InVision	FS 5835V RIB ↗	VT2P	108	265.7	19.0	1	33.5	1292	20	
Pioneer	P0720AM GC ↗	AM	107	263.6	17.4	1	32.8	1298	19	
Integra	5704 SSSPRO ↗	STXP	107	262.4	17.5	1	33.2	1291	21	
FS InVision	FS 5335P RIB ↗	STXP	103	261.7	17.2	1	33.5	1290	22	
M & W Seeds	MW A107 PWR GC ↗	PC	107	261.2	17.8	1	32.8	1281	28	
ProHarvest	75P85 DGVT2P ↗	VT2PDG	105	259.9	16.8	1	33.2	1287	24	
Specialty	37D832 ↗	VT2P	107	259.5	17.5	1	33.5	1276	29	
Renk	RK625DGVT2P ↗	VT2PDG	104	259.3	16.4	1	33.5	1287	25	
Integra	5443 DGVT2PRIB ↗	VT2PDG	104	259.3	16.8	1	32.1	1284	27	
FS InVision	FS 5525VDG RIB ↗	VT2PDG	105	259.2	16.3	1	32.1	1288	23	
Wyckoff	2584 VT2P RIB ↗	VT2P	108	258.6	17.9	1	33.5	1268	31	
Renk	RK720TRE ↗	TRE	106	258.3	17.0	1	33.2	1276	30	
PIONEER	P0859AM CK	AM	108	261.3	17.7	1	33.5	1284	26	
				Averages =	260.5	17.5	1	33.2	1282	
				LSD (0.10) =	10.8	0.5	ns			
				LSD (0.25) =	5.7	0.3	ns			
				C.V. =	4.5					
				Historic yield: 209.6 bu/a, 18 yr(s)						



Matt Turner

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Yield & Income Factors: Base Moisture = 15.5% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$5.00; non-GMO = \$5.50

Report Date: 10/08/2023

† 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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Troy Furrer, White County, IN

Full-Season Test	109 - 112 Day CRM B2023INNO02b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Prefix, Roundup, Liberty, Dual
SOIL DESCRIPTION:	Wolcott loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Strip-Till, low P, medium K, 5.3 pH, 3.1% OM, 18.0 CEC
PEST MANAGEMENT:	Trivolt, Atrazine
FERTILITY - Applied N:	120 Fall, 90 Sidedress
Applied N-P-K (units):	210-78-90
SEEDED - RATE - ROW:	Apr 14 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 7 33.0 /A

TEST COMMENTS:

The site was our first planted, in mid-April, with cool conditions following planting. Plots had good emergence a few weeks after planting with uniform stands despite the cool, late April weather. Plots received just enough early rain to promote growth with a dry May that pushed roots deep seeking moisture. Good rains later in the growing season with mild temperatures filled ears to the tip with deep kernels.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Specialty	42D843 ↗	VT2P	112	288.4	21.4	1	33.2	1374	3
Purple Ribbon	23A12 ↗	VT2PDG	112	288.2	21.1	1	33.5	1376	2
FS InVision	FS 6133VDG RIB ↗	VT2PDG	111	288.2	20.1	1	33.5	1388	1
Wyckoff	2711 VT2P RIB ↗	VT2P	112	286.8	20.9	1	33.5	1372	4
ProHarvest	79P87 SSRIB ↗	STX	109	280.7	19.1	1	33.2	1363	7
Wyckoff	2679 DGVT2P RIB ↗	VT2PDG	112	280.6	20.2	1	33.2	1350	10
Purple Ribbon	23A10 ↗	VT2P	110	280.2	19.6	1	33.5	1355	8
Specialty	41DT911 ↗	TRE	111	279.9	18.7	1	33.2	1364	6
Integra	6274 VT2PRIB ↗	VT2P	112	279.6	20.3	1	33.5	1345	12
Purple Ribbon	24A09 ↗	VT2P	109	279.5	18.0	1	32.5	1370	5
Specialty	39G569 ↗	VT2PDG	109	278.9	19.4	1	33.5	1352	9
Ebberts	6883DGVT2P RIB ↗	VT2PDG	112	278.9	21.2	1	33.2	1331	14
Great Heart	HT-7256DGVT2P ↗	VT2PDG	112	278.5	21.0	1	33.5	1331	15
Wyckoff	2656 PCE ↗	PCE	111	278.5	19.4	1	32.8	1349	11
Dairyland	DS-5250AM ↗	AM	112	277.3	20.0	1	33.5	1337	13
Pioneer	P1136AM GC ↗	AM	111	275.3	19.7	1	33.5	1330	16
FS InVision	FS 6217T RIB ↗	TRE	112	274.0	21.3	1	33.2	1306	20
NK Brand	NK1188-AA ↗	AA	111	271.5	19.4	1	33.5	1315	18
Dairyland	DS-5177AM ↗	AM	111	271.4	19.1	1	33.5	1318	17
Golden Harvest	G12S75-D ↗	D	112	271.4	22.0	1	33.5	1287	29
Purple Ribbon	23A11 TRE ↗	TRE	111	271.1	20.7	1	31.4	1299	23
FS InVision	FS 6225L1 EZR ↗	AA	112	270.1	19.8	1	33.5	1304	21
FS InVision	FS 6137PC ↗	PCE	111	269.9	19.0	1	33.5	1312	19
Renk	RK773TRE ↗	TRE	109	269.8	20.7	1	33.5	1293	25
Ebberts	6444VT2P RIB ↗	VT2P	114	269.8	21.6	1	33.5	1283	30
Wyckoff	2667 DGVT2P RIB ↗	VT2PDG	111	269.7	21.0	1	33.5	1290	27
Dairyland	DS-5095AM ↗	AM	110	268.5	19.4	1	33.5	1301	22
Renk	RK811PWE ↗	PCE	111	266.2	19.5	1	33.5	1288	28
Augusta	A2061-PWE ↗	PCE	111	265.8	18.8	1	33.2	1294	24
Great Heart	HT-7044VT2P ↗	VT2P	110	265.2	18.7	1	33.5	1292	26
PIONEER	P0859AM CK	AM	108	255.5	18.3	1	32.5	1249	42
				Averages =	268.8	19.9	1	33.0	1297
				LSD (0.10) =	11.3	0.6	ns		
				LSD (0.25) =	5.9	0.3	ns		
				C.V. =	4.6				
Matt Turner mattturner1979@yahoo.com, (317) 606-9040				Historic yield: 209.6 bu/a, 18 yr(s)					

Yield & Income Factors: Base Moisture = 15.5% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$5.00; non-GMO = \$5.50

Report Date: 10/08/2023

† 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

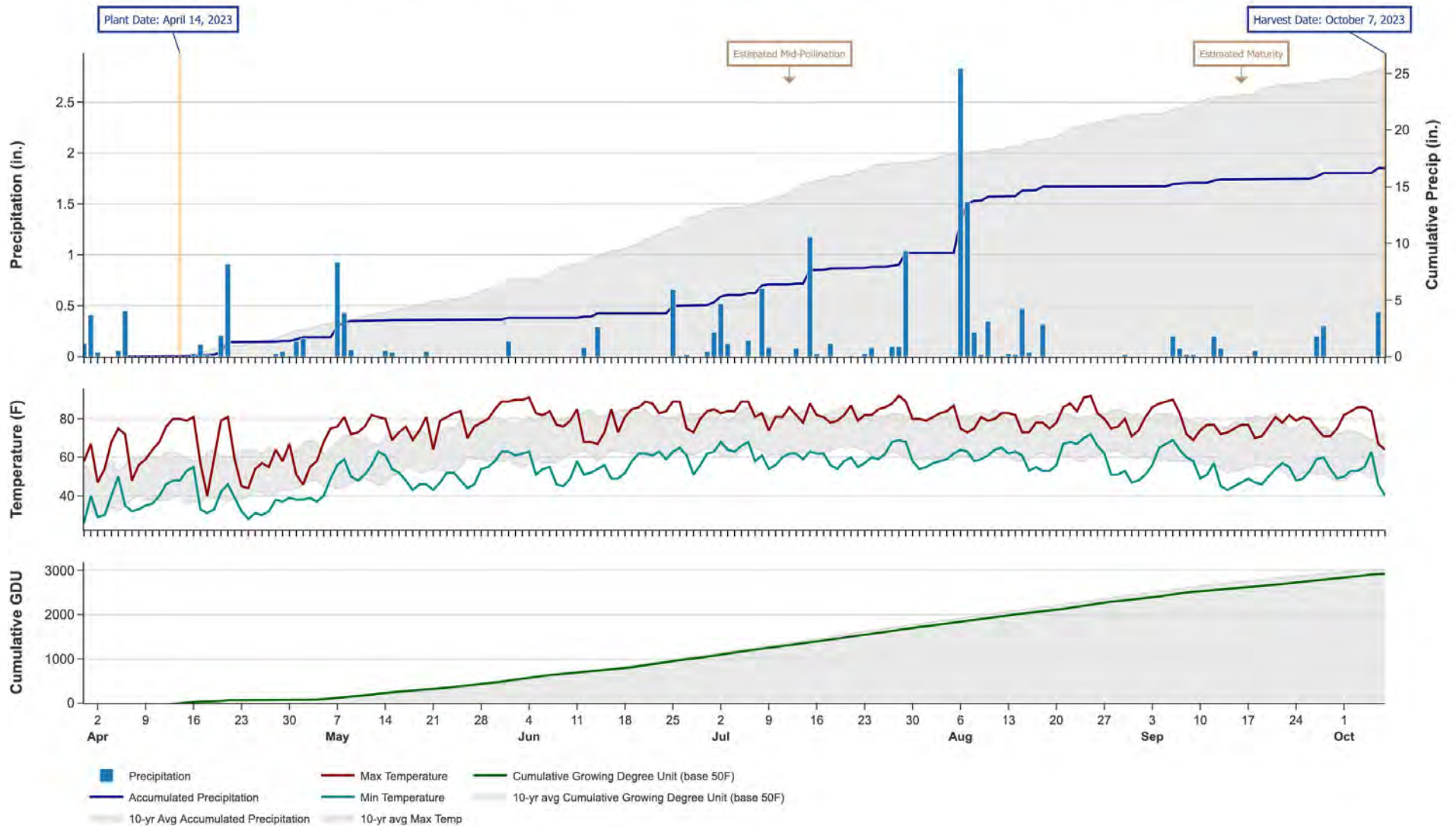
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2023 Corn - Indiana North [INNO]

Weather Conditions Summary at WOLCOTT, IN

Monthly Total	Mar*	Apr	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.1 0.3 (-0.1)	2.3 3.6 (-1.3)	1.9 4.4 (-2.5)	1.3 6.3 (-5.0)	4.6 4.4 (+0.2)	5.9 4.1 (+1.7)	1.2 3.2 (-2.0)	0.5 0.9 (-0.5)	17.7 27.2 (-9.5)
GDU Avg (Diff)	0 0 (0)	180 83 (+96)	404 389 (+14)	562 637 (-75)	674 697 (-23)	615 658 (-43)	478 504 (-26)	114 80 (+33)	3027 3051 (-24)



* 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 SSPRO	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.