

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

2023 Corn Grain Top 30 Harvest Report

Michigan South [MISO] RIGA, MI
Bill Bierman, Lenawee County, MI 49276

Early-Season Test	97 - 102 Day CRM B2023MISO01a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Corn / Round-Up
SOIL DESCRIPTION:	Ziegenfuss clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, high K, 5.2 pH, 2.4% OM, 16.8 CEC
PEST MANAGEMENT:	Lexar Ez, Veltyma Fungicide
FERTILITY - Applied N:	210 Sidedress, 10 Foliar Rescue
Applied N-P-K (units):	220-84-28
SEEDED - RATE - ROW:	May 18 33.6 /A 30" spacing
HARVESTED - STAND:	Nov 18 28.9 /A

TEST COMMENTS:

This is one of our no-till sites that is a good representation of the clay loam in southeast Michigan. The location planted well in mid-May but had a dry spell after planting which caused some variations with the emergence. Better rains later in the growing season combined with mild late season temperatures led to great pollinations. A fungicide application at tassel kept the plot healthy until harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Partners Brand	PB 7184-PCE ↗	PCE	101	269.7	20.2	1	28.4	1096	1
Channel	200-23VT2PRIB GC ↗	VT2P	100	254.8	19.8	1	29.3	1039	2
Legacy	LC-4248 ↗	VT2P	100	252.8	19.1	1	28.8	1038	3
Wyckoff	2250 VT2P RIB ↗	VT2P	101	251.9	19.7	1	29.0	1028	4
Dairyland	DS-4219AM ↗	AM	102	249.1	20.8	1	28.6	1006	9
Dairyland	DS-4003Q ↗	QR	100	248.6	19.0	1	27.5	1021	5
Renk	RK590VT2P ↗	VT2P	98	246.7	18.4	1	29.7	1020	6
Pioneer	P9955Q GC ↗	QR	99	246.5	19.4	1	26.5	1009	8
Legacy	LC492-22 ↗	VT2P	99	245.1	18.7	1	29.3	1010	7
Renk	RK628VT2P ↗	VT2P	102	243.1	19.2	1	28.6	998	12
Dairyland	DS-3900AM ↗	AM	99	243.0	18.8	1	26.5	1001	11
Wyckoff	2299 TRE RIB ↗	TRE	102	243.0	19.2	1	30.7	997	13
Rob-See-Co	RC4779-PCE ↗	PCE	97	242.6	18.3	1	30.0	1004	10
Integra	4702 VT2PRIB ↗	VT2P	97	240.2	18.4	1	28.6	993	15
Integra	4993 TRERIB ↗	TRE	99	239.9	18.0	1	29.7	995	14
Rob-See-Co	RC5134-PCE ↗	PCE	101	238.3	20.9	1	29.0	962	22
FS InVision	FS 4927T RIB ↗	TRE	99	237.7	18.2	1	30.0	985	16
Specialty	30DT192 ↗	TRE	100	236.5	18.8	1	31.7	974	18
Augusta	A2050 VT2P ↗	VT2P	100	236.5	19.3	1	30.7	969	20
FS InVision	FS 5115X RIB ↗	STX	101	236.3	19.0	1	28.6	971	19
M & W Seeds	MW A96 PWR ↗	PC	96	236.1	18.3	1	30.0	977	17
Legacy	LC512-22 ↗	VT2P	101	235.3	19.6	1	27.2	961	23
Golden Harvest	G02K39-D ↗	D	102	235.2	20.4	1	29.3	954	26
Specialty	27D728 ↗	VT2P	97	233.2	18.3	1	27.9	965	21
M & W Seeds	MW 46T29 ↗	VT2P	99	231.1	18.9	1	28.6	951	28
Renk	RK579DGV2P ↗	VT2PDG	99	231.0	18.1	1	31.7	958	24
Specialty	28DT643 ↗	VT2PDG	98	230.8	18.4	1	29.3	954	27
FS InVision	FS 5035P ↗	STXP	100	230.3	19.4	1	25.8	943	30
Pioneer	P9823Q GC ↗	QR	98	230.3	18.4	1	29.6	951	29
Integra	CXINT099TRE ↗	TRE	99	228.1	18.4	1	30.3	943	31
PIONEER	P0035AM CK	AM	100	233.8	19.4	1	30.0	957	25
				Averages =	231.3	19.0	1	28.9	951
				LSD (0.10) =	19.9	0.6	ns		
				LSD (0.25) =	10.4	0.3	ns		
				C.V. =	9.4				
				Historic yield: 192.73 bu/a, 14 yr(s)					

Matt Turner

Matt Turner

mattturner1979@yahoo.com, (317) 606-9040

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

Report Date: 11/19/2023

† 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

©2023, All rights reserved to Farmers' Independent Research of Seed Technologies, LLC.

Additional reports available at www.firstseedtests.com

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

2023 Corn Grain Top 30 Harvest Report

Michigan South [MISO] RIGA, MI
Bill Bierman, Lenawee County, MI 49276

Full-Season Test	103 - 107 Day CRM B2023MISO01b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Corn / Round-Up
SOIL DESCRIPTION:	Ziegenfuss clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, high K, 5.2 pH, 2.4% OM, 16.8 CEC
PEST MANAGEMENT:	Lexar Ez, Veltyma Fungicide
FERTILITY - Applied N:	210 Sidedress, 10 Foliar Rescue
Applied N-P-K (units):	220-84-28
SEEDED - RATE - ROW:	May 18 33.6 /A 30" spacing
HARVESTED - STAND:	Nov 18 28.9 /A

TEST COMMENTS:

This is one of our no-till sites that is a good representation of the clay loam in southeast Michigan. The location planted well in mid-May but had a dry spell after planting which caused some variations with the emergence. Better rains later in the growing season combined with mild late season temperatures led to great pollinations. A fungicide application at tassel kept the plot healthy until harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
M & W Seeds	MW C104 PWR ↗	PC	104	257.6	18.3	1	27.4	1066	1
Renk	RK703PWE ↗	PCE	106	252.0	19.9	1	29.3	1026	3
M & W Seeds	MW A107 PWR ↗	PC	107	250.1	19.5	1	28.4	1023	4
FS InVision	FS 5525VDG RIB ↗	VT2PDG	105	248.8	17.3	1	28.4	1039	2
Integra	5443 DGVT2PRIB ↗	VT2PDG	104	243.6	18.0	1	26.9	1011	5
Wyckoff	2386 PCE ↗	PCE	103	240.8	18.5	1	26.5	995	6
Wyckoff	2497 PCE ↗	PCE	107	240.0	20.4	1	30.3	973	9
Integra	5584 PWE ↗	PCE	105	239.4	18.4	1	29.3	989	7
FS InVision	FS 5335P RIB ↗	STXP	103	236.1	18.7	1	27.6	973	10
Pioneer	P0720AM GC ↗	AM	107	235.5	20.4	1	31.0	954	13
Legacy	LC534-23 ↗	TRE	103	235.3	17.9	1	30.7	977	8
FS InVision	FS 5594X RIB ↗	STX	105	234.8	19.1	1	30.0	964	11
Legacy	LC544-22 ↗	PCE	104	232.9	18.5	1	28.3	962	12
Augusta	A2057-3111 ↗	3111	107	231.9	19.7	1	26.9	947	16
FS InVision	FS 5725X RIB ↗	STX	107	229.9	18.2	1	29.0	953	14
Specialty	33D552 ↗	VT2P	103	229.0	18.4	1	29.0	947	17
Augusta	A1954 PCE ↗	PCE	104	228.8	18.6	1	27.9	944	20
Renk	RK625DGVT2P ↗	VT2PDG	104	228.6	17.7	1	29.0	952	15
Golden Harvest	G03B19-AA ↗	AA	103	227.9	18.1	1	30.0	945	19
Legacy	LC554-21 ↗	VT2PDG	105	227.4	17.7	1	29.7	947	18
Renk	RK720TRE ↗	TRE	106	227.0	18.0	1	28.6	942	21
Wyckoff	2432 TRE RIB ↗	TRE	105	226.0	18.5	1	27.2	933	22
Wyckoff	2515 VT2P RIB ↗	VT2P	107	223.5	19.0	1	30.0	918	25
Specialty	37D832 ↗	VT2P	107	223.4	19.3	1	29.3	915	26
Renk	RK707TRE ↗	TRE	105	222.8	17.7	1	31.4	927	23
Dyna-Gro	D44DC73RIB ↗	VT2PDG	104	222.3	17.7	1	26.9	925	24
Dairyland	DS-4510Q ↗	QR	105	221.5	18.4	1	28.6	915	27
M & W Seeds	MW 103A VT2P ↗	VT2P	103	220.9	18.5	1	30.4	913	28
Dairyland	DS-4686AM ↗	AM	106	219.7	18.6	1	30.7	907	29
Wyckoff	2483 VT2P RIB ↗	VT2P	105	213.4	18.0	1	29.0	886	31
PIONEER	P0035AM CK	AM	100	215.1	18.0	1	27.9	892	30
				Averages =	228.0	18.6	1	28.9	942
				LSD (0.10) =	17.8	0.6	ns		
				LSD (0.25) =	9.3	0.3	ns		
				C.V. =	8.6	Historic yield: 192.73 bu/a, 14 yr(s)			

Matt Turner

mattturner1979@yahoo.com, (317) 606-9040

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

Report Date: 11/19/2023

† 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

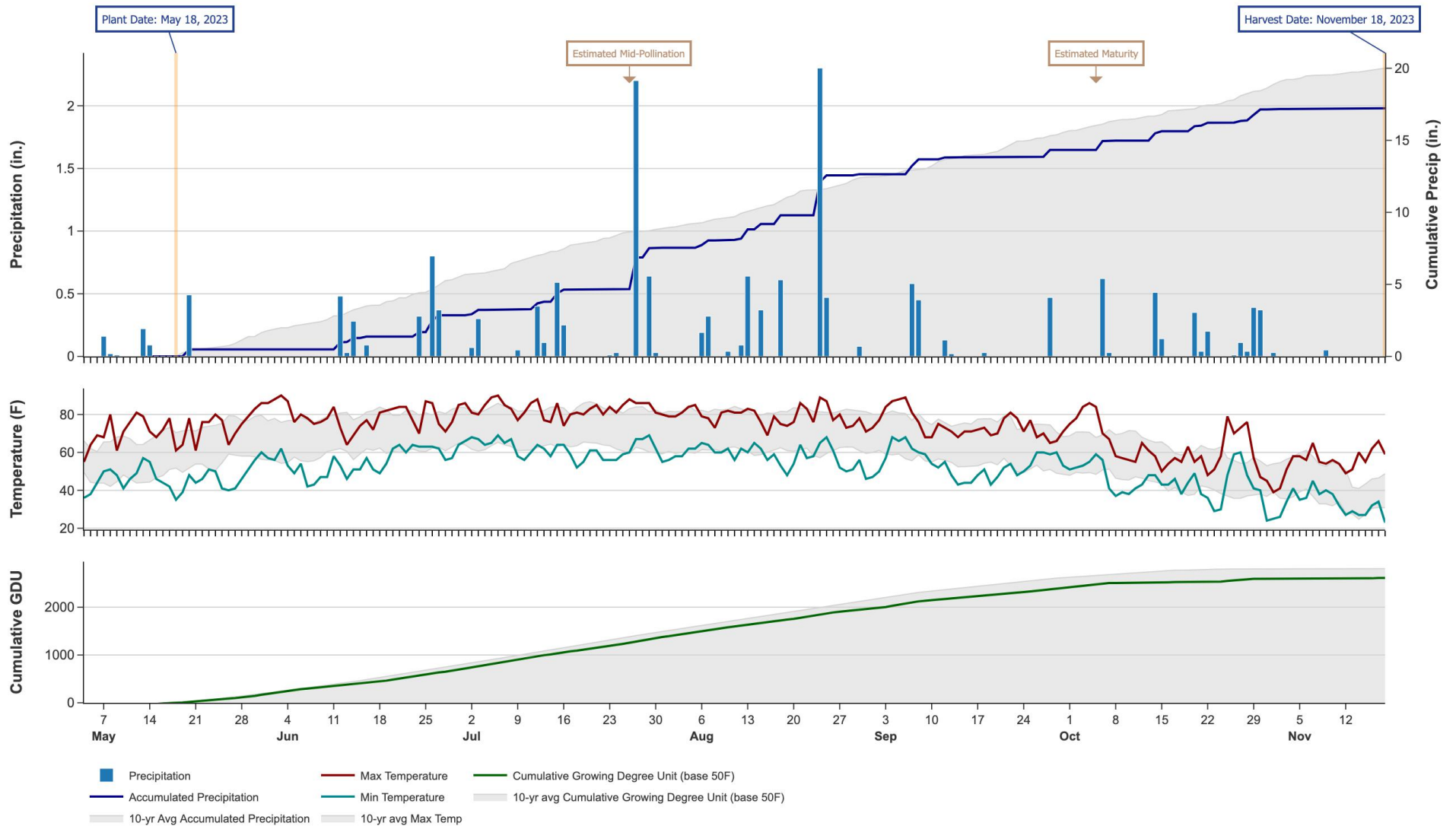
©2023, All rights reserved to Farmers' Independent Research of Seed Technologies, LLC.

Additional reports available at www.firstseedtests.com

2023 Corn - Michigan South [MISO]

Weather Conditions Summary at RIGA, MI

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) (Diff)	1.0 3.5 (-2.5)	2.4 3.8 (-1.5)	4.7 3.4 (+1.3)	5.1 3.6 (+1.5)	1.7 3.1 (-1.4)	2.8 3.1 (-0.3)	0.1 1.4 (-1.3)	17.7 21.9 (-4.2)
GDU Avg (Diff)	319 325 (-6)	522 587 (-65)	686 706 (-20)	582 662 (-80)	438 465 (-27)	198 181 (+16)	20 5 (+14)	2765 2933 (-168)



* 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 - Michigan South [MISO]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A2048-AA	AA	N	98	CM,C5
Augusta	A2050 VT2P	VT2P	N	100	CM,C2
Augusta	A2052-AA	AA	N	102	CM,C5
Channel	200-23VT2PRIB GC	VT2P	Y	100	AC,P5V,EDC-B
Dairyland	DS-3900AM	AM	Y	99	Lum, L1
Dairyland	DS-4003Q	QR	Y	100	Lum, L1
Dairyland	DS-4219AM	AM	Y	102	Lum, L1
Dyna-Gro	D41TC74RIB	TRE	Y*	101	AC,P5V
FS InVision	FS 4927T RIB	TRE	Y	99	AC,P5V,EDC-EL
FS InVision	FS 5035P	STXP	N	100	AC,P5V,EDC-EL
FS InVision	FS 5115X RIB	STX	Y	101	AC,P5V,EDC-EL
FS InVision	FS 5125L1A EZR	AA	Y	101	AC,P5V,EDC-EL
Golden Harvest	G01B63-AA	AA	Y	101	CM,C5,Va
Golden Harvest	G02K39-D	D	Y	102	AVC,C1,Va
Golden Harvest	G98B99-AA	AA	Y	98	CM,C5,Va
Integra	4702 VT2PRIB	VT2P	Y	97	AC,P5V,SU+Zn
Integra	4993 TRERIB	TRE	N	99	AC,P5V,SU+Zn
Integra	CXINT099TRE	TRE	Y	99	AC,P5V,SU+Zn,PT
Legacy	LC-4248	VT2P	Y	100	AC,P2,Va,Zn
Legacy	LC492-22	VT2P	N	99	AC,P2,Va,Zn
Legacy	LC512-22	VT2P	N	101	AC,P2,Va,Zn
M & W Seeds	MW 46T29	VT2P	Y	99	Ti
M & W Seeds	MW 97A VT2P	VT2P	Y	97	Ti
M & W Seeds	MW A96 PWR	PC	Y	96	Ti
M & W Seeds	MW B101 AA	AA	Y	101	Ti
NK Brand	NK0295-AA	AA	Y	102	CM,C5,Va
NK Brand	NK9771-DV	DV	Y	97	AVC,C1,Va
NK Brand	NK9832-AA	AA	Y	98	CM,C5,Va
Partners Brand	PB 7184-PCE	PCE	N	101	AL2500
Pioneer	P0035AM CK	AM	Y	100	Lum
Pioneer	P9823Q GC	QR	Y	98	Lum, L1
Pioneer	P9955Q GC	QR	Y	99	Lum, L1
Renk	RK579DGV2P	VT2PDG	Y	99	AC,P2
Renk	RK590VT2P	VT2P	N	98	AC,P2
Renk	RK597SSPRO	STXP	N	99	AC,P5V,B300
Renk	RK600VT2P	VT2P	N	100	AC,P2
Renk	RK628VT2P	VT2P	N	102	AC,P5V,B300
Rob-See-Co	D97-95-VT2P	VT2P	Y	97	CM,C2,Vi,Va
Rob-See-Co	D98-43-TRE	TRE	Y	98	CM,C2,Vi,Va
Rob-See-Co	RC4779-PCE	PCE	N	97	CM,C2,Vi,Va
Rob-See-Co	RC5134-PCE	PCE	N	101	CM,C2,Vi,Va
Specialty	27D728	VT2P	Y	97	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Specialty	28DT643	VT2PDG	Y	98	AC,P5V
Specialty	30DT192	TRE	Y	100	AC,P5V
Wyckoff	2160 PCE	PCE	Y	98	CM,C2,Vi,Va
Wyckoff	2210 SS RIB	STX	Y	102	AC,P5V
Wyckoff	2250 VT2P RIB	VT2P	Y	101	AC,P2
Wyckoff	2299 TRE RIB	TRE	Y	102	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 - Michigan South [MISO]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1954 PCE	PCE	N	104	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
Dyna-Gro	D44DC73RIB	VT2PDG	Y	104	AC,P5V
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
Golden Harvest	G03B19-AA	AA	Y	103	CM,C5,Va
Integra	5443 DGVT2PRIB	VT2PDG	N	104	AC,P5V,SU+Zn
Integra	5584 PWE	PCE	N	105	AC,P5V
Legacy	LC534-23	TRE	N	103	AC,P5V
Legacy	LC544-22	PCE	N	104	AC,P5V
Legacy	LC554-21	VT2PDG	N	105	AC,P2,Va,Zn
M & W Seeds	MW 103A VT2P	VT2P	Y	103	Ti
M & W Seeds	MW 44V42	VT2P	Y	107	Ti
M & W Seeds	MW 44V83	V	Y	107	Ti
M & W Seeds	MW A107 PWR	PC	Y	107	Ti
M & W Seeds	MW C104 PWR	PC	Y	104	Ti
NK Brand	NK0367-AA	AA	Y	103	CM,C5,Va
Pioneer	P0035AM CK	AM	Y	100	Lum
Pioneer	P0720AM GC	AM	Y	107	Lum, L1
Renk	RK625DGVT2P	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	33D552	VT2P	Y	103	AC,P5V
Specialty	35D513	VT2P	Y	105	AC,P5V
Specialty	37D832	VT2P	Y	107	AC,P5V
Wyckoff	2386 PCE	PCE	N	103	CM,C2,Vi,Va
Wyckoff	2432 TRE RIB	TRE	Y	105	AC,P5V
Wyckoff	2483 VT2P RIB	VT2P	Y	105	AC,P2
Wyckoff	2497 PCE	PCE	N	107	AC,P5V
Wyckoff	2515 VT2P RIB	VT2P	Y	107	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

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®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
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
AC,P2	Acceleron® 250
AC,P2,Va,Zn	Acceleron® 250, Vayantis® + Zn
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
AC,P5V,SU+Zn,PT	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn with PhycoTerra® ST
AL2500	Alert 2500, Surefire
AVC,C1,Va	Avicta® Complete 1250 with Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5	Cruisermaxx® 500
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
Lum,P5V	LumiGEN™ Poncho 500/Votivo
Ti	Titan Corn 250 (M & W Seeds)

* Seed treatments may include unspecified plant health promoting components.