

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

2022 Corn Grain Top 30 Harvest Report

Michigan South [MISO] MASON, MI

Hawkins Homestead, Tony Igl, Ingham County, MI 48845

Early-Season Test	97 - 103 Day CRM B2022MISO05a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Zidua Pro, Liberty
SOIL DESCRIPTION:	Conover loam, moderately drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.5 pH, 2.1% OM, 10.8 CEC
PEST MANAGEMENT:	Armazon Pro, Atrazine
FERTILITY - Applied N:	40 Spring, 150 Sidedress
Applied N-P-K (units):	190-0-0
SEEDED - RATE - ROW:	May 20 33.6 /A 30" spacing
HARVESTED - STAND:	Nov 8 32.9 /A

TEST COMMENTS:

This is a no-till planted site that went in during the middle of May with just enough heat and moisture for good stands and early-season growth. The plot never had too much rain during the growing season to cause problems and had good rains during pollination. Good ear fill combined with mild late-season temperatures produced healthy full ears at harvest. The corn was standing well with good moisture spread at harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	D43VC81RIB ↗	VT2P	103	248.8	19.1	1	32.8	1644	1
Rob-See-Co	D01-90 ↗	VT2P	101	241.3	18.8	1	33.2	1597	2
M & W Seeds	MW 103A VT2P ↗	VT2P	103	237.4	18.8	1	32.8	1571	3
Legacy	LC-5217 SS ↗	STX	102	236.3	18.4	1	32.1	1568	5
M & W Seeds	MW 97A VT2P ↗	VT2P	97	235.3	17.9	1	32.8	1566	6
FS InVision	FS 5125L1A EZR ↗	AA	101	235.1	18.1	1	33.5	1562	7
Renk	RK597SSPRO ↗	STXP	99	235.1	17.4	1	33.2	1569	4
Wyckoff	2300 DGVT2P RIB ↗	VT2PDG	103	235.0	19.7	1	33.5	1547	9
Renk	RK615SSTX ↗	STX	102	234.9	19.7	1	32.5	1546	10
Dairyland	DS-3900AM ↗	AM	99	233.2	18.8	1	33.2	1544	11
Augusta	A2050 VT2P ↗	VT2P	100	232.8	18.1	1	33.5	1548	8
Legacy	LC-4248 SS ↗	STX	100	232.2	18.5	1	32.5	1540	12
Rob-See-Co	D99-08 ↗	VT2P	99	231.8	18.7	1	31.8	1535	15
Dairyland	DS-4018AM ↗	AM	101	231.7	18.7	1	33.5	1535	16
Wyckoff	2210 SS RIB ↗	STX	102	231.1	19.2	1	33.0	1526	17
Wyckoff	2170 TRE RIB ↗	TRE	98	230.9	17.9	1	33.2	1536	14
Legacy	LC511-21 ↗	STX	101	230.9	19.4	1	32.1	1522	19
M & W Seeds	46T29 ↗	VT2P	99	230.7	17.7	1	32.1	1537	13
Integra	5280 VT2PRIB ↗	VT2P	102	230.3	18.7	1	32.5	1525	18
Wyckoff	2250 VT2P RIB ↗	VT2P	101	229.4	18.6	1	33.5	1520	20
Integra	4993 TRERIB ↗	TRE	99	228.5	17.9	1	31.8	1520	21
Integra	5052 VT2PRIB ↗	VT2P	100	228.3	18.5	1	33.2	1513	24
M & W Seeds	45V21 ↗	VT2P	103	228.2	18.6	1	33.5	1512	25
Wyckoff	2180 SS RIB ↗	STX	98	227.7	17.8	1	32.8	1516	22
Rob-See-Co	D98-43 ↗	TRE	98	227.4	17.8	1	33.5	1514	23
FS InVision	FS 5098V RIB ↗	VT2P	100	226.9	18.3	1	33.2	1506	29
FS InVision	FS 4715V RIB ↗	VT2P	97	226.7	18.1	1	33.5	1506	30
NK Brand	NK0007-AA ↗	AA	100	226.3	17.8	1	31.4	1507	27
FS InVision	FS 4927T RIB ↗	TRE	99	226.1	17.7	1	33.5	1507	28
Specialty	27D728 ↗	VT2P	97	225.7	17.1	1	32.1	1509	26
PIONEER	P0035AM CK	AM	100	224.1	19.9	1	32.8	1473	40
				Averages =	227.7	18.6	1	32.9	1508
				LSD (0.10) =	7.7	0.6	ns		
				LSD (0.25) =	4.0	0.3	ns		
				C.V. =	3.7				
				Historic yield: 173.76 bu/a, 14 yr(s)					

Matt Turner

Matt Turner

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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: 11/09/2022

† 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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Hawkins Homestead, Tony Igl, Ingham County, MI 48845

Full-Season Test	104 - 107 Day CRM B2022MISO05b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Zidua Pro, Liberty
SOIL DESCRIPTION:	Conover loam, moderately drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.5 pH, 2.1% OM, 10.8 CEC
PEST MANAGEMENT:	Armazon Pro, Atrazine
FERTILITY - Applied N:	40 Spring, 150 Sidedress
Applied N-P-K (units):	190-0-0
SEDED - RATE - ROW:	May 20 33.6 /A 30" spacing
HARVESTED - STAND:	Nov 8 32.7 /A

TEST COMMENTS:

This is a no-till planted site that went in during the middle of May with just enough heat and moisture for good stands and early-season growth. The plot never had too much rain during the growing season to cause problems and had good rains during pollination. Good ear fill combined with mild late-season temperatures produced healthy full ears at harvest. The corn was standing well with good moisture spread at harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Renk	RK715SSTX ↗	STX	105	241.2	19.5	1	33.5	1590	1	
Legacy	LC541-22 ↗	STX	104	240.4	19.8	1	31.8	1581	2	
Rob-See-Co	D05-16 ↗	VT2P	105	237.6	18.3	1	32.5	1577	3	
Dairyland	DS-4510Q ↗	QR	105	237.5	19.5	1	33.5	1565	4	
Augusta	A3655 VT2P ↗	VT2P	104	236.5	18.9	1	33.2	1564	5	
Renk	RK625DGV2P ↗	VT2PDG	104	236.5	19.5	1	33.5	1559	7	
Dyna-Gro	D47SS93 ↗	STX	107	235.8	20.1	1	33.2	1549	9	
Legacy	LC554-21 ↗	VT2PDG	105	235.4	19.0	1	32.5	1556	8	
Integra	5533 STXRIB ↗	STX	105	235.3	19.7	1	33.5	1549	10	
Renk	RK710DGV2P ↗	VT2PDG	107	234.8	21.4	1	33.2	1530	13	
Wyckoff	2440 SS RIB ↗	STX	106	234.6	20.0	1	31.4	1541	11	
FS InVision	FS 5725X RIB ↗	STX	107	233.8	19.9	1	32.8	1537	12	
Rob-See-Co	RC5768-VT2P ↗	VT2P	107	231.7	22.3	1	32.8	1501	21	
FS InVision	FS 5594X RIB ↗	STX	105	231.2	19.2	1	33.2	1527	14	
Specialty	37D832 ↗	VT2P	107	231.0	21.4	1	33.5	1505	18	
Specialty	34D651 ↗	VT2P	104	230.4	18.6	1	30.7	1527	15	
Integra	5719 VT2PRIB ↗	VT2P	107	229.8	20.0	1	33.5	1510	16	
M & W Seeds	44V42 ↗	VT2P	107	228.7	20.3	1	32.5	1500	22	
FS InVision	FS 5525VDG RIB ↗	VT2P	105	228.5	19.2	1	32.5	1509	17	
Wyckoff	2515 VT2P RIB ↗	VT2P	107	228.4	20.8	1	32.1	1493	26	
Integra	5443 DGV2PRIB ↗	VT2PDG	104	228.3	20.6	1	31.8	1495	25	
Legacy	LC564-20 ↗	PC,E	106	228.1	19.6	1	32.5	1502	19	
Dyna-Gro	D44DC73RIB ↗	VT2PDG	104	227.5	19.2	1	31.6	1502	20	
Wyckoff	2335 SS RIB ↗	STX	104	227.1	19.5	1	32.5	1497	23	
Wyckoff	2582 VT2P RIB ↗	VT2P	107	226.8	19.4	1	33.5	1496	24	
Augusta	A4759-3111 ↗	3111	109	225.1	21.6	1	33.5	1465	29	
Wyckoff	2483 VT2P RIB ↗	VT2P	105	224.8	18.2	1	33.2	1493	27	
Specialty	36D260 ↗	VT2P	106	224.7	21.5	1	33.5	1463	30	
Dairyland	DS-4567Q ↗	QR	105	223.0	19.2	1	31.4	1472	28	
Golden Harvest	G07G73-D ↗	D	107	222.2	19.8	1	32.8	1461	31	
PIONEER	P0035AM CK	AM	100	237.4	19.6	1	32.5	1563	6	
				Averages =	229.0	19.9	1	32.7	1505	
				LSD (0.10) =	10.3	0.9	ns			
				LSD (0.25) =	5.4	0.5	ns			
				C.V. =	4.9					
				Historic yield: 173.76 bu/a, 14 yr(s)						

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Report Date: 11/09/2022

† 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

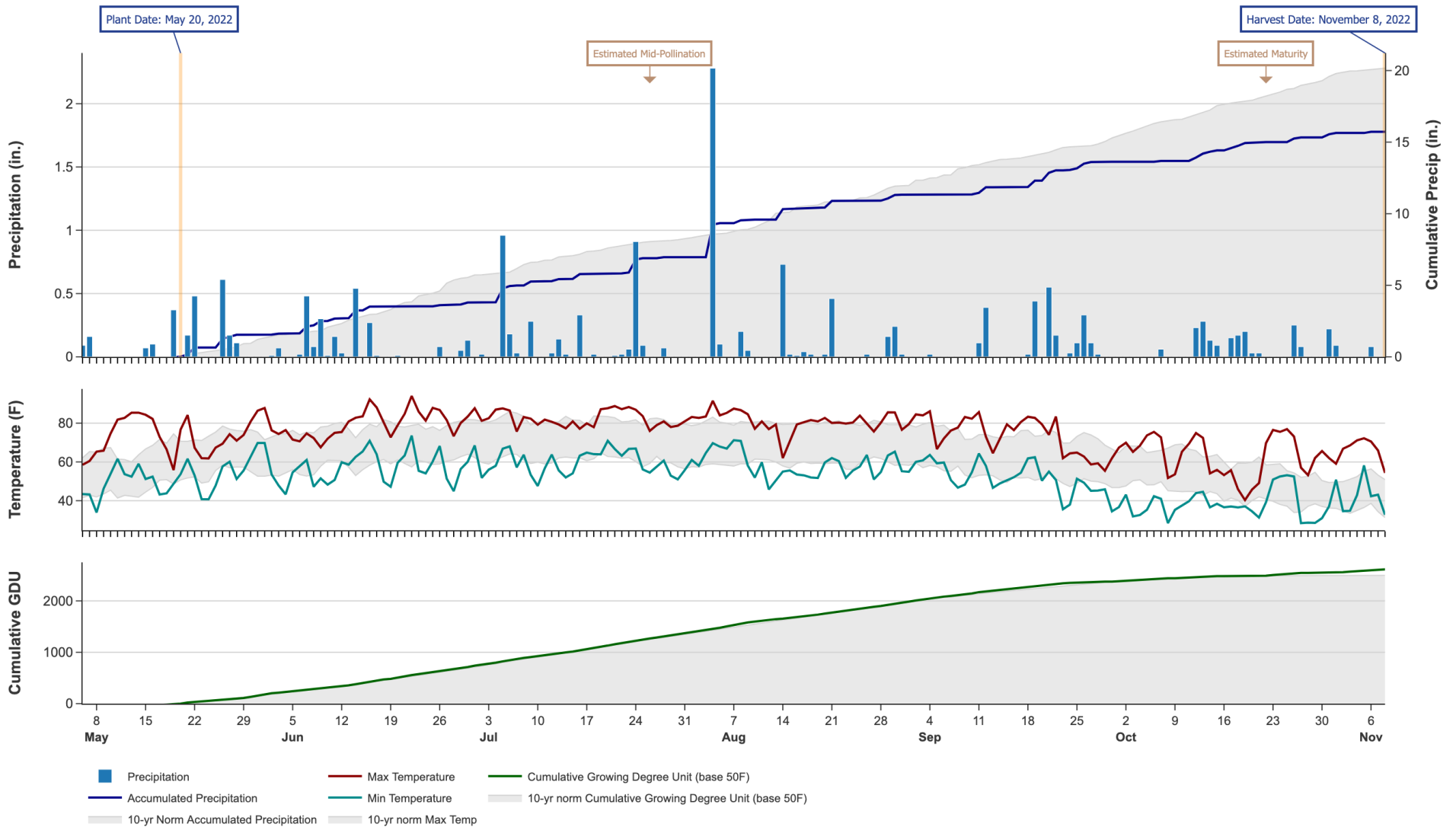
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2022 Corn - Michigan South [MISO]

Weather Conditions Summary at MASON, MI

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	2.3 3.3 (-1.0)	2.2 4.3 (-2.1)	3.2 2.7 (+0.5)	4.4 3.7 (+0.6)	2.3 3.3 (-1.0)	1.9 4.3 (-2.4)	0.2 0.6 (-0.4)	16.5 22.2 (-5.7)
GDU Normal (Diff)	345 282 (+62)	552 530 (+21)	645 660 (-15)	611 608 (+2)	408 410 (-2)	170 127 (+42)	67 0 (+67)	2798 2620 (+177)



* 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 - Michigan South [MISO]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A2050 VT2P	VT2P	N	100	AC250
Augusta	A2150-5222-EZ	DV	Y	100	CM,C2,Vi
Augusta	A22-250	AA	Y	100	AC,P5
Dairyland	DS-3900AM	AM	Y	99	Lum, L1
Dairyland	DS-3959Q	QR	Y	99	Lum, L1
Dairyland	DS-4018AM	AM	Y	101	Lum, L1
Dairyland	DS-4219AM	AM	Y	102	Lum, L1
Dyna-Gro	D43VC81RIB	VT2P	N	103	AC,P5V
FS InVision	FS 4715V RIB	VT2P	Y	97	AC,P5V
FS InVision	FS 4927T RIB	TRE	Y	99	AC,P5V,EDC-EL
FS InVision	FS 5098V RIB	VT2P	Y	100	AC,P5V
FS InVision	FS 5115X RIB	STX	Y	101	AC,P5V
FS InVision	FS 5125L1A EZR	AA	Y	101	CM,C2,Vi
Golden Harvest	G02K39-D	D	Y	102	AVC,C2,Vi,Va
Golden Harvest	G99A37-DV	DV	Y	99	AVC,C2,Vi,Va
Integra	4993 TRERIB	TRE	N	99	AC,P5V
Integra	5052 VT2PRIB	VT2P	Y	100	AC,P5V,SU+Zn
Integra	5280 VT2PRIB	VT2P	Y	102	AC,P5V,SU+Zn
Legacy	LC-4248 SS	STX	Y	100	AC,P5V
Legacy	LC511-21	STX	Y	101	AC,P5V
Legacy	LC-5217 SS	STX	Y	102	AC,P5V
Legacy	LC-5319	STX	Y	103	AC,P5V
M & W Seeds	45V21	VT2P	Y	103	Ti
M & W Seeds	46T29	VT2P	Y	99	Ti
M & W Seeds	MW 103A VT2P	VT2P	Y	103	Ti
M & W Seeds	MW 97A VT2P	VT2P	Y	97	Ti
M & W Seeds	MW 98A TRE	TRE	Y	98	Ti
NK Brand	NK0007-AA	AA	Y	100	AVC,C2,Vi,Va
NK Brand	NK9922-DV	DV	Y	99	AVC,C2,Vi,Va
NK Brand	NK9991-D	D	Y	99	AVC,C2,Vi,Va
Partners Brand	PB7250 GC	DV	Y	102	AC,P2,St
Pioneer	P0035AM CK	AM	Y	100	Lum, L1
Renk	RK579DGV2P	VT2PDG	Y	99	AC,P2
Renk	RK597SSPRO	STXP	N	99	AC,P5V
Renk	RK600VT2P	VT2P	N	100	AC,P2
Renk	RK615SSTX	STX	Y	102	AC,P5V
Rob-See-Co	D01-90	VT2P	Y	101	AC,P2,Sb
Rob-See-Co	D98-43	TRE	Y	98	AC,P2,Sb
Rob-See-Co	D99-08	VT2P	Y	99	AC,P2,Sb
Rob-See-Co	RC5134-PCE	PC	N	101	AC,P2,Sb
Specialty	27D728	VT2P	Y	97	AC,P2V
Specialty	30DT192	TRE	Y	100	AC,P5V,EDC-B

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Specialty	33D552	VT2P	Y	103	AC,P5V,EDC-B
Wyckoff	2170 TRE RIB	TRE	Y	98	AC,P2
Wyckoff	2180 SS RIB	STX	Y	98	AC,P5V
Wyckoff	2210 SS RIB	STX	Y	102	AC,P5V,EDC-B
Wyckoff	2250 VT2P RIB	VT2P	Y	101	AC,P2
Wyckoff	2300 DGV2P RIB	VT2PDG	Y	103	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 - Michigan South [MISO]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A3655 VT2P	VT2P	N	104	AC250
Augusta	A4759-3111	3111	N	109	CM,C2,Vi
Dairyland	DS-4510Q	QR	Y	105	Lum, L1
Dairyland	DS-4567Q	QR	Y	105	Lum, L1
Dyna-Gro	D44DC73RIB	VT2PDG	Y	104	AC,P5V
Dyna-Gro	D47SS93	STX	N	107	AC,P5
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
Golden Harvest	G04S19-AT	AT	Y	104	AVC,C2,Vi,Va
Golden Harvest	G07G73-D	D	Y	107	AVC,C2,Vi,Va
Integra	5443 DGVT2PRIB	VT2PDG	N	104	AC,P5V
Integra	5533 STXRIB	STX	N	105	Treated
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P5V,SU+Zn
Legacy	LC541-22	STX	Y	104	AC,P5V
Legacy	LC554-21	VT2PDG	N	105	AC,P5V
Legacy	LC564-20	PC,E	N	106	CM,C2,Vi
M & W Seeds	44V42	VT2P	Y	107	Ti
M & W Seeds	44V74	DV	Y	105	Ti
M & W Seeds	44V83	V	Y	107	Ti
NK Brand	NK0696-D	D	Y	106	AVC,C2,Vi,Va
Pioneer	P0035AM CK	AM	Y	100	Lum, L1
Pioneer	P0720Q GC	QR	Y	107	Lum
Renk	RK625DGV2P	VT2PDG	N	104	AC,P2
Renk	RK710DGV2P	VT2PDG	Y	107	AC,P2
Renk	RK715SSTX	STX	Y	105	AC,P5V
Rob-See-Co	D05-16	VT2P	Y	105	AC,P2,Sb
Rob-See-Co	RC5768-VT2P	VT2P	Y	107	AC,P2,Sb
Specialty	34D651	VT2P	Y	104	AC,P5V,EDC-B
Specialty	36D260	VT2P	Y	106	AC,P5V,EDC-B
Specialty	37D832	VT2P	Y	107	AC,P5V,EDC-B
Wyckoff	2335 SS RIB	STX	Y	104	AC,P5V
Wyckoff	2440 SS RIB	STX	Y	106	AC,P5V
Wyckoff	2483 VT2P RIB	VT2P	Y	105	AC,P2
Wyckoff	2515 VT2P RIB	VT2P	Y	107	CM,C2,Vi
Wyckoff	2582 VT2P RIB	VT2P	Y	107	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.

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®
AT	Agrisure® Total (CB,HXX,RW,LL,GT), formerly Agrisure® 3122
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
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
PC	PowerCore™
QR	Qrome™
STX	SmartStax®
STXP	SmartStax® Pro
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
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
AC250	Acceleron® 250
AC,P2	Acceleron® 250
AC,P2,Sb	Acceleron® 250, SabrEx Inoculant
AC,P2,St	Acceleron® 250, Stamina
AC,P2V	Acceleron® Poncho 250/Votivo
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,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	(2022) LumiGEN, Lumisure 1250
Ti	Titan Corn 250 (M & W Seeds)
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.