

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

2021 Corn Grain Top 30 Harvest Report

Michigan South [MISO] READING, MI

Tom Schroeder, Hillsdale County, MI 49274

Early-Season Test	97 - 103 Day CRM B2021MISO02a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Round Up, Xtendmax, Strikeforce, Reign
SOIL DESCRIPTION:	Locke Fine Loam sandy loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, high P, low K, 5.7 pH, 4.0% OM, 15.7 CEC
PEST MANAGEMENT:	Degree Extra, Callisto, Delaro
FERTILITY - Applied N:	38 Fall, 30 Spring, 140 Sidedress, 1.5 ton lime
Applied N-P-K (units):	208-81-39
SEDED - RATE - ROW:	May 2 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 23 32.1 /A

TEST COMMENTS:

This is a no-till site planted in early May under dry conditions. The site had some delayed emergence as the weather stayed cool and dry. This is a uniform location that has good fertility and is well-drained. Plot received some very timely rains during the growing season that helped in pollination and filled ears to the tip. The corn had good stalk strength at harvest with little lodging present.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Specialty	31D921 ↗	VT2P	101	260.4	17.9	3	32.9	1287	1
Local Seed	LC0297 VT2PRIB ↗	VT2P	102	252.5	17.4	1	32.6	1251	2
FS InVision	FS 5115X RIB ↗	STX	101	252.0	18.1	1	33.2	1244	3
Dyna-Gro	D43VC81 ↗	VT2P	102	250.3	18.1	1	32.2	1235	4
Legacy	LC474-20 ↗	TRE	97	249.0	17.8	1	31.2	1231	5
Rupp	XR D03-07 ↗	VT2P	103	246.4	18.1	1	31.5	1216	6
FS InVision	FS 5098V RIB ↗	VT2P	100	245.4	18.1	5	32.5	1211	7
Wyckoff	2300 DGVT2P RIB ↗	VT2PDG	103	244.4	18.1	2	32.2	1206	8
Integra	5280 VT2PRIB ↗	VT2P	102	240.8	18.3	1	32.5	1187	9
Golden Harvest	G99E68-5122 EZR ↗	5122	99	240.5	18.8	3	32.5	1183	11
Dairyland	DS-3959Q ↗	QR	99	240.2	18.9	1	32.2	1181	12
Augusta	A2050 VT2P ↗	VT2P	100	239.8	17.8	1	33.2	1185	10
Dairyland	DS-4014Q ↗	QR	100	239.7	18.9	1	31.9	1178	14
Legacy	LC-5217 ↗	VT2P	102	239.4	18.3	2	32.2	1180	13
Renk	RK593VT2PRIB ↗	VT2P	97	237.3	17.5	1	32.2	1174	15
Renk	RK600VT2P ↗	VT2P	100	237.3	18.1	3	33.2	1171	16
Rupp	XR D99-08 ↗	VT2P	99	236.1	17.9	1	32.9	1166	17
Golden Harvest	G03R40-5222 EZR ↗	5222	103	235.9	20.3	2	31.9	1151	21
Wyckoff	2250 VT2P RIB ↗	VT2P	101	235.1	18.1	1	32.9	1160	18
Specialty	27D728 ↗	VT2P	97	233.6	17.9	1	32.5	1154	20
Rupp	XR D98-43 ↗	TRE	98	233.3	17.1	1	33.2	1157	19
Dyna-Gro	D40VC41 ↗	VT2P	100	233.0	18.0	2	32.5	1150	22
Dairyland	DS-4018AM ↗	AM	101	233.0	18.8	2	31.9	1146	23
Renk	RK590VT2P ↗	VT2P	98	231.4	18.0	5	32.9	1142	25
Wyckoff	2170 TRE RIB ↗	TRE	98	231.3	17.8	2	32.2	1143	24
Integra	4888 VT2PRIB ↗	VT2P	98	229.2	17.9	1	32.2	1133	26
Golden Harvest	G04G36-3111A EZR ↗	3111A	104	227.6	19.0	1	29.8	1118	27
Dairyland	DS-4000AMXT ↗	AMXT	100	226.5	18.8	5	31.2	1114	29
Renk	RK642VT2P ↗	VT2P	103	226.0	18.2	1	32.2	1115	28
Wyckoff	2180 VT2P RIB ↗	VT2P	98	224.6	17.6	1	30.5	1111	30
Pioneer	P0339Q CK	QR	103	226.7	19.6	1	30.8	1110	31
				Averages =	230.1	18.3	2	32.1	1135
				LSD (0.10) =	17.2	0.5	ns		
				LSD (0.25) =	9.1	0.3	ns		
				C.V. =	8.2				
				Historic yield: 181.66 bu/a, 16 yr(s)					

Matt Turner

Matt Turner

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

Yield & Income Factors: Base Moisture = 15.5% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.00; non-GMO = \$5.00

Report Date: 10/24/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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2021 Corn Grain Top 30 Harvest Report

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Tom Schroeder, Hillsdale County, MI 49274

Full-Season Test	104 - 107 Day CRM B2021MISO02b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Round Up, Xtendmax, Strikeforce, Reign
SOIL DESCRIPTION:	Locke Fine Loam sandy loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, high P, low K, 5.7 pH, 4.0% OM, 15.7 CEC
PEST MANAGEMENT:	Degree Extra, Callisto, Delaro
FERTILITY - Applied N:	38 Fall, 30 Spring, 140 Sidedress, 1.5 ton lime
Applied N-P-K (units):	208-81-39
SEDED - RATE - ROW:	May 2 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 23 31.8 /A

TEST COMMENTS:

This is a no-till site planted in early May under dry conditions. The site had some delayed emergence as the weather stayed cool and dry. This is a uniform location that has good fertility and is well-drained. Plot received some very timely rains during the growing season that helped in pollination and filled ears to the tip. The corn had good stalk strength at harvest with little lodging present.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Specialty	36D260 ↗	VT2P	106	258.8	20.5	1	32.5	1261	1	
Renk	RK710DGVT2P ↗	VT2PDG	107	256.5	20.1	1	32.5	1253	2	
Integra	5719 VT2PRIB ↗	VT2P	107	250.3	20.1	1	32.5	1223	3	
Local Seed	LC0707 DGVT2PRIB ↗	VT2PDG	107	250.1	20.3	1	31.2	1221	4	
Wyckoff	2440 SS RIB ↗	STX	106	247.2	20.3	1	30.8	1206	6	
Legacy	LC-5319 ↗	STX	104	246.8	18.8	1	31.2	1214	5	
Wyckoff	2500 SS RIB ↗	STX	107	246.2	19.6	1	31.9	1206	7	
Wyckoff	2335 SS RIB ↗	STX	104	245.9	19.4	1	32.5	1205	8	
NK Brand	NK0760-3111 ↗	3111	107	245.3	20.6	1	32.9	1196	10	
Local Seed	LC0607 TCRIIB ↗	TRE	106	242.3	19.6	1	31.2	1187	11	
M & W Seeds	44V42 ↗	VT2P	107	240.0	19.3	1	31.2	1177	12	
Renk	RK625DGVT2P ↗	VT2PDG	104	239.5	18.9	1	31.5	1177	13	
Dairyland	DS-4440AM ↗	AM	104	235.5	20.2	1	32.2	1150	15	
Integra	5529 VT2PRIB ↗	VT2P	105	235.1	18.7	1	32.2	1157	14	
Rupp	XR D05-16 ↗	VT2P	105	234.8	20.5	1	32.2	1145	17	
Rupp	XR D06-53 ↗	VT2P	106	234.7	19.5	1	32.5	1150	16	
Wyckoff	2433 SS RIB ↗	STX	106	229.7	19.2	1	31.2	1127	18	
Dairyland	DS-4510Q ↗	QR	105	229.1	20.2	1	30.5	1119	19	
NK Brand	NK0748-3120 EZR ↗	3120	107	228.8	20.6	1	32.2	1115	22	
FS InVision	FS 5594X RIB ↗	STX	105	227.9	19.5	1	32.2	1117	20	
Local Seed	LC0518 VT2PRIB ↗	VT2P	105	226.7	18.4	1	30.8	1117	21	
Golden Harvest	G04S19-3122 EZR ↗	3122	104	226.2	20.4	1	31.5	1104	23	
Augusta	A4759-3111 ↗	3111	109	224.2	20.6	1	31.2	1092	25	
Wyckoff	2483 VT2P RIB ↗	VT2P	105	223.0	18.0	2	32.5	1100	24	
Legacy	LC564-20 ↗	PC,E	106	222.8	20.3	1	31.5	1087	27	
Golden Harvest	G07F23-3111 ↗	3111	107	222.0	21.3	1	31.2	1078	28	
M & W Seeds	45V21 ↗	VT2P	103	221.6	18.7	1	32.5	1091	26	
FS InVision	FS 5704V RIB ↗	VT2P	107	218.1	19.0	1	32.5	1071	29	
Golden Harvest	G07G73-5122 EZR ↗	5122	107	217.6	21.6	1	31.9	1055	30	
Golden Harvest	G06Q68-5222 EZR ↗	5222	106	214.8	20.5	1	32.5	1047	31	
Pioneer	P0339Q CK	QR	103	245.4	19.5	1	32.5	1203	9	
				Averages =	230.9	19.8	1	31.8	1130	
				LSD (0.10) =	17.7	0.5	ns			
				LSD (0.25) =	9.3	0.3	ns			
				C.V. =	8.4					
				Historic yield: 181.66 bu/a, 16 yr(s)						

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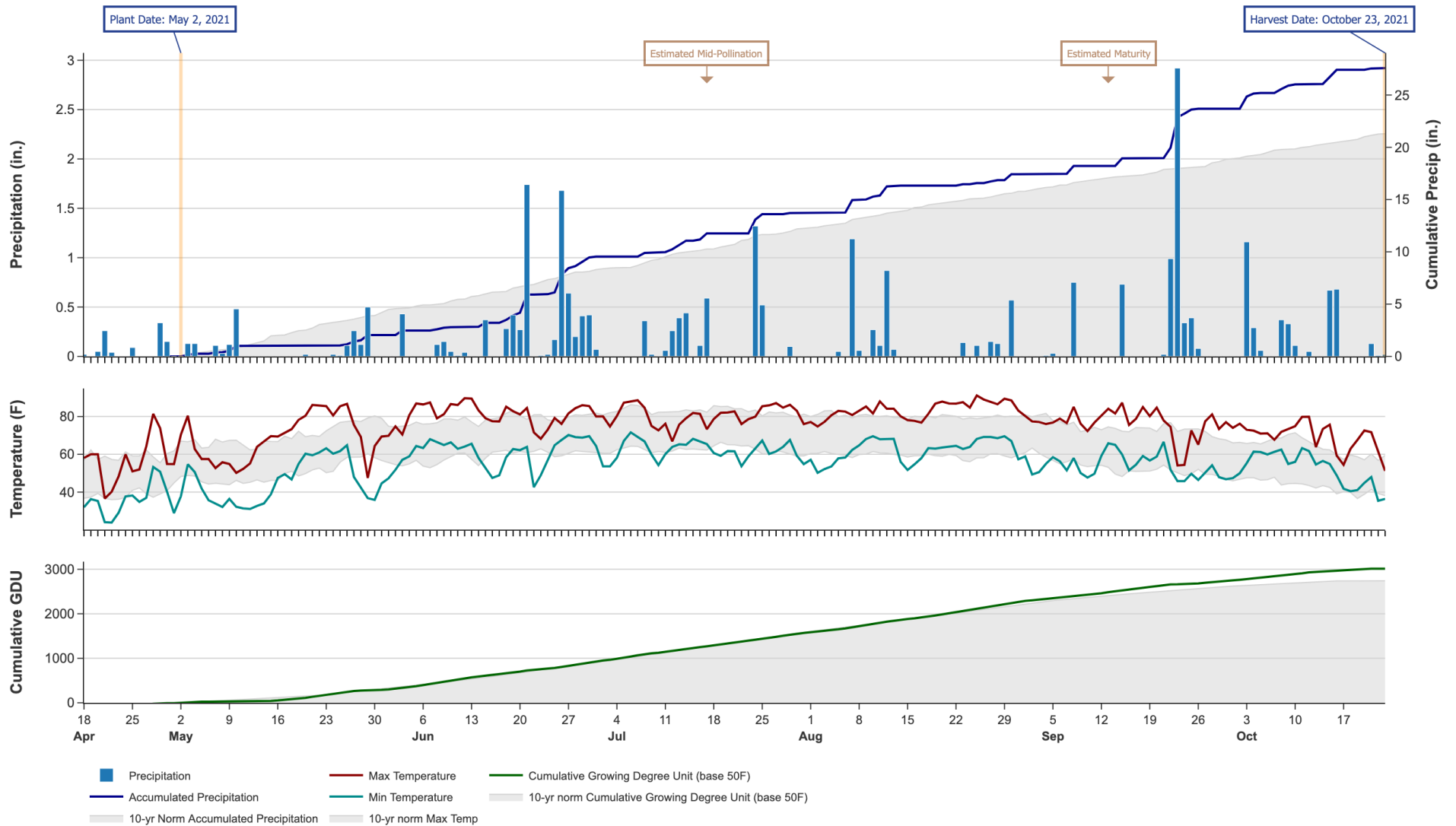
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2021 Corn - Michigan South [MISO]

Weather Conditions Summary at READING, MI

Weather Data Retrieved: 10/24/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.9 2.1 (-1.2)	2.0 4.7 (-2.6)	7.4 3.9 (+3.5)	4.2 4.1 (+0.1)	3.7 3.5 (+0.2)	6.3 3.1 (+3.2)	3.9 2.5 (+1.4)	28.5 23.9 (+4.6)
GDU Normal (Diff)	37 20 (+16)	301 338 (-37)	622 555 (+66)	657 701 (-44)	700 614 (+85)	470 417 (+52)	273 130 (+142)	3060 2777 (+282)



* 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.

2021 Corn - Michigan South [MISO]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1849-5122-EZ	5122	Y	99	AVC,C2
Augusta	A2050 VT2P	VT2P	N	100	AC250
Augusta	A2150-5222-EZ	5222	Y	100	CM,C2
Dairyland	DS-3959Q	QR	Y	99	Lum,P1V
Dairyland	DS-4000AMXT	AMXT	Y*	100	Lum,P1V
Dairyland	DS-4014Q	QR	Y	100	Lum,P1V
Dairyland	DS-4018AM	AM	Y	101	Lum,P1V
Dairyland	DS-4310AM	AM	Y	103	Lum,P1V
Dyna-Gro	D40VC41	VT2P	N	100	AC,P5V
Dyna-Gro	D43VC81	VT2P	N	102	AC,P5V
FS InVision	FS 4715V RIB	VT2P	Y	97	AC,P5V
FS InVision	FS 5098V RIB	VT2P	Y	100	AC,P5V
FS InVision	FS 5115X RIB	STX	Y	101	AC,P5V
FS InVision	FS 53ZX1 RIB	STX	Y	103	AC,P5V
Golden Harvest	G00H12-5122 EZR	5122	Y	100	AVC,C2,Vi
Golden Harvest	G02K39-3120 EZR	3120	Y	102	AVC,C2,Vi
Golden Harvest	G03R40-5222 EZR	5222	Y	103	AVC,C2,Vi
Golden Harvest	G04G36-3111A EZR	3111A	Y	104	AVC,C2,Vi
Golden Harvest	G99E68-5122 EZR	5122	Y	99	AVC,C2,Vi
Integra	4601 VT2PRIB	VT2P	Y	96	AC,P2,SU
Integra	4888 VT2PRIB	VT2P	Y	98	AC,P5,SU
Integra	5052 VT2PRIB	VT2P	Y	100	AC,P5V,EDC-B
Integra	5280 VT2PRIB	VT2P	Y	102	AC,P2,SU
Legacy	LC-4248	VT2P	Y	100	AC,WuxZN
Legacy	LC474-20	TRE	N	97	AC,WuxZN
Legacy	LC-5217	VT2P	Y	102	AC,WuxZN
Local Seed	LC0297 VT2PRIB	VT2P	Y	102	RA
Local Seed	LC9888 VT2PRIB	VT2P	Y	98	RA
Local Seed	ZS9796 3220EZ	3220	Y	97	RA
NK Brand	NK0243-3120 EZR	3120	Y	102	AVC,C2,Vi
NK Brand	NK0314-5122 EZR	5122	Y	103	AVC,C2,Vi
Pioneer	P0339Q CK	QR	Y	103	Lum
Renk	RK579DGV2P	VT2PDG	Y	99	AC,P2
Renk	RK590VT2P	VT2P	N	98	AC,P5V
Renk	RK593VT2PRIB	VT2P	Y	97	AC,P2
Renk	RK600VT2P	VT2P	N	100	AC,P2
Renk	RK642VT2P	VT2P	Y	103	AC,P2
Rupp	XR D01-90	VT2P	Y	101	AC,P2,Sb
Rupp	XR D03-07	VT2P	Y	103	AC,P2,Sb
Rupp	XR D98-43	TRE	Y	98	AC,P2,Sb
Rupp	XR D99-08	VT2P	Y	99	AC,P2,Sb
Specialty	27D728	VT2P	Y	97	AC,P2,B360

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Specialty	31D921	VT2P	Y	101	AC,P5,B360
Wyckoff	2170 TRE RIB	TRE	Y	98	AC,P5V
Wyckoff	2180 VT2P RIB	VT2P	Y	98	AC,P2
Wyckoff	2212 VT2P RIB	VT2P	Y	100	AC,P2
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.

2021 Corn - Michigan South [MISO]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A4759-3111	3111	N	109	CM,C2
Dairyland	DS-4440AM	AM	Y	104	Lum,P5V
Dairyland	DS-4510Q	QR	Y	105	Lum,P1V
FS InVision	FS 5515D2 EZR	5222	Y	105	CM,C2,Vi
FS InVision	FS 5594X RIB	STX	Y	105	AC,P5V
FS InVision	FS 5704V RIB	VT2P	Y	107	AC,P5V
Golden Harvest	G03B96-5122 EZR	5122	Y	103	AVC,C2,Vi
Golden Harvest	G04S19-3122 EZR	3122	Y	104	AVC,C2,Vi
Golden Harvest	G06Q68-5222 EZR	5222	Y	106	AVC,C2,Vi
Golden Harvest	G07F23-3111	3111	N	107	AVC,C2,Vi
Golden Harvest	G07G73-5122 EZR	5122	Y	107	AVC,C2,Vi
Integra	5529 VT2PRIB	VT2P	Y	105	AC,P2,SU
Integra	5682 VT2PRIB	VT2P	Y	106	AC,P5V,EDC-B
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P2,SU
Legacy	LC-5319	STX	Y	104	AC,WuxZN
Legacy	LC564-20	PC,E	N	106	AC,WuxZN
Local Seed	LC0518 VT2PRIB	VT2P	Y	105	AC,P5V,EDC-EL
Local Seed	LC0607 TCRIB	TRE	Y	106	RA
Local Seed	LC0707 DGVT2PRIB	VT2PDG	Y	107	RA
M & W Seeds	44V42	VT2P	Y	107	Ti
M & W Seeds	44V74	5222	Y	105	Ti
M & W Seeds	44V83	5222	Y	107	Ti
M & W Seeds	45V21	VT2P	Y	103	Ti
NK Brand	NK0748-3120 EZR	3120	Y	107	AVC,C2,Vi
NK Brand	NK0760-3111	3111	N	107	AVC,C2,Vi
Pioneer	P0339Q CK	QR	Y	103	Lum
Renk	RK625DGV2P	VT2PDG	N	104	AC,P5V
Renk	RK710DGV2P	VT2PDG	Y	107	AC,P2
Rupp	XR D05-16	VT2P	Y	105	AC,P2,Sb
Rupp	XR D06-53	VT2P	Y	106	AC,P2,Sb
Specialty	36D260	VT2P	Y	106	AC,P5,B360
Wyckoff	2335 SS RIB	STX	Y	104	AC,P5V
Wyckoff	2433 SS RIB	STX	Y	106	AC,P5V
Wyckoff	2440 SS RIB	STX	Y	106	AC,P5V,EDC-EL
Wyckoff	2483 VT2P RIB	VT2P	Y	105	AC,P2
Wyckoff	2500 SS RIB	STX	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
3111A	Agrisure® Artesian® Viptera® 3111 (Vip,CB,RW,LL,GT)
3120	Agrisure® 3120 (CB,HX,LL,GT)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
AM	Optimum® AcreMax®
AMXT	Optimum® AcreMax® Xtreme
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
PC	PowerCore™
QR	Qrome™
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® 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,B360	Acceleron® 250 with BioRise™ B-360 ST
AC,P2,Sb	Acceleron® 250, SabrEx Innoculant
AC,P2,SU	Acceleron® 250, StepUp
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
AC,P5,SU	Acceleron® 500, StepUp
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,WuxZN	Acceleron® + Wuxal Terios Zn
AVC,C2	Avicta® Complete 250
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
Lum,P5V	LumiGEN™ Poncho 500/Votivo
RA	Radius 500 (Local Seed Co)
Ti	Titan Corn 250 (M & W Seeds)

* Seed treatments may include unspecified plant health promoting components.