

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

2024 Corn Grain Top 30 Harvest Report

Michigan South [MISO] READING, MI
Tom Schroeder, Hillsdale County, MI 49274

Early-Season Test	97 - 103 Day CRM B2024MISO02a
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Wheat / None
SOIL DESCRIPTION:	Hillsdale-Riddles Complex sandy loam, well drained, non- irrigated
SOIL CONDITION:	No-Till, medium P, high K, 7.2 pH, 3.6% OM, 13.2 CEC
PEST MANAGEMENT:	Degree Extra, Callisto, Roundup
FERTILITY - Applied N:	56 Fall, 29 Planter, 105 Sidedress, 15 Foliar Rescue, Zn, S at planting, B and Mn in fall
Applied N-P-K (units):	205-68-75
SEEDED - RATE - ROW:	May 20 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 29 33.2 /A

TEST COMMENTS:

This is a very good location that has good fertility and drainage, combine that with good emergence and lots of early-season moisture and you get big yields at harvest. Good rains during pollinating and mild to late season temperatures filled ears out full of deep kernels. A dryer than usual late season matured ears ahead of schedule and kept kernel disease away until harvest. An excellent year and great yields.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
M & W Seeds	MW F102 TRE ↗	TRE	102	286.5	18.8	1	33.5	974	2
Integra	5225 TRERIB ↗	TRE	102	285.1	18.0	1	33.0	978	1
FS InVision	FS 5147T RIB ↗	TRE	101	283.2	18.6	1	33.2	964	6
FS InVision	FS 5035P RIB ↗	STXP	100	282.3	17.6	1	33.5	973	3
FS InVision	FS 5335P RIB ↗	STXP	103	281.7	17.9	1	33.2	967	4
Augusta	A2152 ↗	TRE	102	280.7	18.6	1	33.2	956	9
Renk	RK628VT2P ↗	VT2P	102	277.9	17.6	1	33.5	958	8
M & W Seeds	MW A96 PWR ↗	PCE	96	277.8	16.9	1	33.5	965	5
Integra	4845PCE ↗	PCE	98	277.7	17.1	1	33.2	963	7
M & W Seeds	MW 103A VT2P ↗	VT2P	103	275.6	18.7	1	32.8	938	15
Wyckoff	2336 TRE RIB ↗	TRE	103	274.2	18.2	1	33.5	939	14
Wyckoff	2299 TRE RIB ↗	TRE	102	274.1	18.4	1	33.5	936	16
Dyna-Gro	D39VT75RIB ↗	VT4P	99	273.9	17.1	1	33.5	950	11
M & W Seeds	MW 46T29 ↗	VT2P	99	272.9	16.4	1	32.8	953	10
FS InVision	FS 4927T RIB ↗	TRE	99	271.6	16.4	1	33.2	949	12
Renk	RK609VT2P ↗	VT2P	101	270.4	16.9	1	33.2	940	13
Wyckoff	2175 SSP ↗	STXP	97	269.4	17.8	1	31.8	926	19
Renk	RK597SSPRO ↗	STXP	99	268.4	17.6	1	33.5	925	20
Renk	RK586VT4P ↗	VT4P	99	267.1	17.3	1	33.5	924	21
Dairyland	DS-3730PCE ↗	PCE	97	267.0	17.0	1	33.5	927	17
Augusta	A2252 ↗	D	102	266.5	18.4	1	33.5	910	25
Integra	4993 TRERIB ↗	TRE	99	265.9	16.6	1	33.5	927	18
Dairyland	DS-4191V ↗	VE	101	265.5	18.0	1	33.2	911	23
Renk	RK579DGV2P ↗	VT2PDG	99	263.1	17.2	1	33.5	911	24
Legacy	LC471-23 ↗	TRE	97	262.7	16.5	1	33.5	916	22
Channel	203-08VT2PRIB ↗	VT2P	103	261.7	17.7	1	33.5	901	28
Channel	198-70TRECRIB ↗	TRE	98	261.4	16.9	1	33.5	909	26
Channel	200-42VT2PRIB ↗	VT2P	100	260.9	17.7	1	33.5	898	29
Dyna-Gro	D41TC74RIB ↗	TRE	101	259.6	17.6	1	33.2	895	31
Channel	198-21VT2PRIB ↗	VT2P	98	259.3	16.5	1	33.5	905	27
PIONEER	P0306AM CK	AM,AQ	103	260.3	17.5	1	33.0	898	30
				Averages =	267.5	17.5	1	33.2	922
				LSD (0.10) =	12.5	0.6	ns		
				LSD (0.25) =	6.6	0.3	ns		
				C.V. =	5.1				
				Historic yield: 193.84 bu/a, 18 yr(s)					

Matt Turner

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

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$3.55; non-GMO = \$3.55

Report Date: 10/29/2024

† 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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2024 Corn Grain Top 30 Harvest Report

Michigan South [MISO] READING, MI

Tom Schroeder, Hillsdale County, MI 49274

Full-Season Test	104 - 108 Day CRM B2024MISO02b
Top 30 of 32	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Wheat / None
SOIL DESCRIPTION:	Hillsdale-Riddles Complex sandy loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, medium P, high K, 7.2 pH, 3.6% OM, 13.2 CEC
PEST MANAGEMENT:	Degree Extra, Callisto, Roundup
FERTILITY - Applied N:	56 Fall, 29 Planter, 105 Sidedress, 15 Foliar Rescue, Zn, S at planting, B and Mn in fall
Applied N-P-K (units):	205-68-75
SEEDED - RATE - ROW:	May 20 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 29 33.1 /A

TEST COMMENTS:

This is a very good location that has good fertility and drainage, combine that with good emergence and lots of early-season moisture and you get big yields at harvest. Good rains during pollinating and mild to late season temperatures filled ears out full of deep kernels. A dryer than usual late season matured ears ahead of schedule and kept kernel disease away until harvest. An excellent year and great yields.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK742VT2P ↗	VT2P	108	292.5	21.3	1	33.5	964	4
Integra	5443 DGVT2PRIB ↗	VT2PDG	104	285.3	19.0	1	33.5	967	3
Legacy	LC572-22 ↗	STX	107	285.1	19.9	1	33.2	957	6
Channel	204-54TRECRIB ↗	TRE	104	284.9	18.5	1	33.5	972	2
FS InVision	FS 5525VDG RIB ↗	VT2PDG	105	282.3	16.6	1	32.8	984	1
Renk	RK720TRE ↗	TRE	106	282.0	19.7	1	33.5	948	8
Channel	208-62VT2PRIB ↗	VT2P	108	281.4	19.7	1	33.5	946	9
FS InVision	FS 5845P RIB ↗	STXP	108	281.3	19.9	1	33.2	943	10
Dairyland	DS-4833AM ↗	AM	108	280.1	18.8	1	32.1	952	7
FS InVision	FS 5725X RIB ↗	STX	107	279.3	19.7	1	33.5	939	12
Renk	RK625DGVT2P ↗	VT2PDG	104	279.0	17.6	1	31.8	961	5
Wyckoff	2487 PCE ↗	PCE	106	278.2	20.4	1	32.8	928	15
M & W Seeds	MW C104 PWR ↗	PCE	104	277.1	18.9	1	33.5	940	11
Dairyland	DS-4488PCE ↗	PCE	104	276.8	19.1	1	33.2	938	13
Renk	RK703PCE ↗	PCE	106	275.8	19.8	1	33.5	926	16
Channel	207-87VT2PRIB ↗	VT2P	107	274.6	19.9	1	32.8	921	18
Renk	RK705VT4P ↗	VT4P	105	272.9	19.0	1	33.5	925	17
Dairyland	DS-4533PCE ↗	PCE	105	272.4	18.5	1	33.2	929	14
M & W Seeds	MW 44V42 ↗	VT2P	107	272.1	19.6	1	33.5	916	19
Channel	205-08TRECRIB ↗	TRE	105	271.5	19.7	1	33.5	913	21
Dyna-Gro	D44PN25RA ↗	PCE	104	271.1	19.7	1	32.8	911	22
Wyckoff	2432 TRE RIB ↗	TRE	105	270.4	19.6	1	33.2	911	23
M & W Seeds	MW D108 PWR ↗	PCE	108	269.8	20.9	1	33.2	895	26
Wyckoff	2396 PCE ↗	PCE	104	267.9	18.5	1	33.2	914	20
Integra	5802 VT2PRIB ↗	VT2P	108	267.3	19.3	1	33.5	903	24
M & W Seeds	MW F108 PWR ↗	PCE	108	265.8	19.0	1	33.2	901	25
FS InVision	FS 5835V RIB ↗	VT2P	108	265.4	20.9	1	33.2	880	27
Wyckoff	2574 TRE RIB ↗	TRE	108	262.5	20.3	1	33.5	876	29
NK Brand	NK0880-V ↗	V	108	261.5	19.7	1	32.4	879	28
M & W Seeds	MW A107 PWR ↗	PCE	107	254.7	19.4	1	32.8	859	30
PIONEER	P0306AM CK	AM,AQ	103	246.6	18.2	1	33.5	844	32
				Averages =	273.2	19.4	1	33.1	922
				LSD (0.10) =	10.1	0.8	ns		
				LSD (0.25) =	5.3	0.4	ns		
				C.V. =	4.1				
				Historic yield: 193.84 bu/a, 18 yr(s)					

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$3.55; non-GMO = \$3.55

Report Date: 10/29/2024

† 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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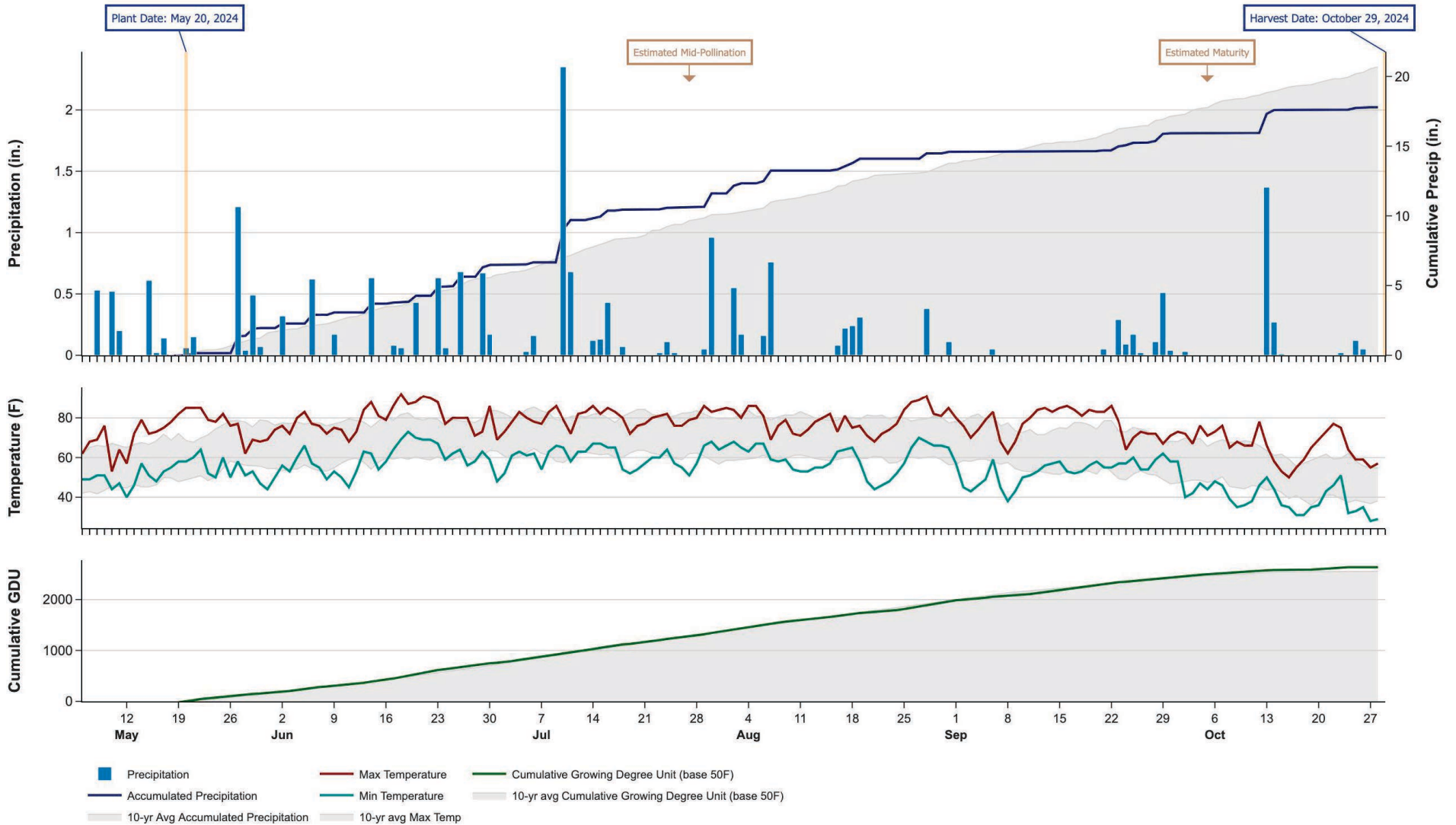
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2024 Corn - Michigan South [MISO]

Weather Conditions Summary at READING, MI

Weather Data Retrieved: 10/29/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	4.0 3.6 (+0.5)	4.5 4.0 (+0.5)	5.1 4.5 (+0.6)	3.0 3.7 (-0.7)	1.3 3.4 (-2.0)	1.9 3.5 (-1.7)	19.9 22.6 (-2.8)
GDU Avg (Diff)	334 288 (+45)	586 543 (+42)	618 661 (-43)	599 617 (-18)	471 435 (+35)	196 136 (+59)	2804 2683 (+120)



* 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.

2024 Corn - Michigan South [MISO]

Early-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A2152	TRE	N	102	AC,P5V
Augusta	A2252	D	N	102	CM,C2
Channel	198-21VT2PRIB	VT2P	Y	98	AC,P5V,EDC-B
Channel	198-70TRECRI	TRE	Y	98	AC,P5V,EDC-EL
Channel	200-42VT2PRIB	VT2P	Y	100	AC,P5V,EDC-B
Channel	203-08VT2PRIB	VT2P	Y	103	AC,P5V,EDC-B
Dairyland	DS-3730PCE	PCE	Y	97	Lum, L1
Dairyland	DS-4191V	VE	Y	101	Lum, L1
Dyna-Gro	D39VT75RIB	VT4P	Y	99	AC,P5V
Dyna-Gro	D41TC74RIB	TRE	Y*	101	AC,P5V
FS InVision	FS 4927T RIB	TRE	Y	99	AC,P5V
FS InVision	FS 5035P RIB	STXP	N	100	AC,P5V
FS InVision	FS 5145L1 EZR	AA	Y	101	CM,C2,Vi,Va
FS InVision	FS 5147T RIB	TRE	Y	101	AC,P5V
FS InVision	FS 5335P RIB	STXP	Y	103	AC,P5V
Integra	4845PCE	PCE	Y	98	AC,P5V,St,SU
Integra	4993 TRERIB	TRE	N	99	AC,P5V,St,SU
Integra	5225 TRERIB	TRE	Y	102	AC,P5V,St,SU
Legacy	LC471-23	TRE	N	97	P5V
Legacy	LC531-24	VT4P	Y*	103	AC,P5
M & W Seeds	MW 103A VT2P	VT2P	Y	103	Treated
M & W Seeds	MW 46T29	VT2P	Y	99	Treated
M & W Seeds	MW A96 PWR	PCE	Y	96	Treated
M & W Seeds	MW D96 PWR	PCE	Y	96	Treated
M & W Seeds	MW F102 TRE	TRE	Y	102	Treated
NK Brand	NK0123-AA	AA	Y	101	CM,C1,Vi,Va
NK Brand	NK0252-D	D	Y	102	CM,C5,Vi,Va
NK Brand	NK0367-AA	AA	Y	103	CM,C5,Vi,Va
NK Brand	NK9771-DV	DV	Y	97	CM,C5,Vi,Va
Pioneer	P0306AM CK	AM,AQ	Y	103	Lum
Renk	RK579DGV2P	VT2PDG	Y	99	AC,P2
Renk	RK586VT4P	VT4P	N	99	AC,P5V,EDC-EL
Renk	RK597SSPRO	STXP	Y*	99	AC,P5V,EDC-EL
Renk	RK609VT2P	VT2P	Y	101	AC,P2
Renk	RK628VT2P	VT2P	Y*	102	AC,P2
Wyckoff	2160 PCE	PCE	Y	98	CM,C2,Vi,Va
Wyckoff	2175 SSP	STXP	Y	97	AC,P5V
Wyckoff	2299 TRE RIB	TRE	Y	102	AC,P2
Wyckoff	2318 D	D	Y	103	CM,C2,Vi,Va
Wyckoff	2336 TRE RIB	TRE	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.

2024 Corn - Michigan South [MISO]

Full-Season Test Products (32 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Channel	204-54TRECRI	TRE	Y	104	AC,P5V,EDC-EL
Channel	205-08TRECRI	TRE	Y	105	AC,P5V,EDC-EL
Channel	207-87VT2PRIB	VT2P	Y	107	AC,P5V,EDC-B
Channel	208-62VT2PRIB	VT2P	Y	108	AC,P5V,EDC-B
Dairyland	DS-4488PCE	PCE	Y	104	Lum, L1
Dairyland	DS-4533PCE	PCE	Y	105	Lum, L1
Dairyland	DS-4833AM	AM	Y	108	Lum
Dyna-Gro	D44PN25RA	PCE	Y	104	AC,P5V
FS InVision	FS 5525VDG RIB	VT2PDG	Y	105	AC,P5V
FS InVision	FS 5725X RIB	STX	Y	107	AC,P5V
FS InVision	FS 5835V RIB	VT2P	Y	108	AC,P5V
FS InVision	FS 5845P RIB	STXP	Y	108	AC,P5V
Integra	5443 DGVT2PRIB	VT2PDG	N	104	AC,P5V,St,SU
Integra	5584 PCE	PCE	Y*	105	AC,P5V,St,SU
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,St,SU
Legacy	LC572-22	STX	N	107	AC,P5
M & W Seeds	MW 44V42	VT2P	Y	107	Treated
M & W Seeds	MW A107 PWR	PCE	Y	107	Treated
M & W Seeds	MW C104 PWR	PCE	Y	104	Treated
M & W Seeds	MW D108 PWR	PCE	Y	108	Treated
M & W Seeds	MW F108 PWR	PCE	Y*	108	Treated
NK Brand	NK0880-V	V	Y	108	CM,C1,Vi,Va
Pioneer	P0306AM CK	AM,AQ	Y	103	Lum
Renk	RK625DGV2P	VT2PDG	Y*	104	AC,P2
Renk	RK703PCE	PCE	Y*	106	Lum
Renk	RK705VT4P	VT4P	N	105	AC,P5V,EDC-EL
Renk	RK720TRE	TRE	Y*	106	AC,P2
Renk	RK742VT2P	VT2P	N	108	AC,P5V,EDC-EL
Wyckoff	2396 PCE	PCE	Y	104	CM,C2,Vi,Va
Wyckoff	2432 TRE RIB	TRE	Y	105	AC,P2
Wyckoff	2487 PCE	PCE	Y	106	CM,C2,Vi,Va
Wyckoff	2574 TRE RIB	TRE	Y	108	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

AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
AQ	Optimum® AQUAmax®
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
PCE	PowerCore® Enlist®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VE	Vorceed™ Enlist®
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology

NOTE: The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments*

NA	Not Available
AC,P2	Acceleron® 250
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,St,SU	Acceleron® Poncho 500/Votivo, Stamina, StepUp
CM,C1,Vi,Va	CruiserMaxx® 1250 with Vibrance, Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Vi,Va	CruiserMaxx® 500 with Vibrance, Vayantis®
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
P5V	Poncho 500/Votivo
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.