

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

2024 Corn Grain Top 30 Harvest Report

Ohio Northwest [OHNW] OTTAWA, OH

Mike Diller, Putnam County, OH

Early-Season Test	103 - 108 Day CRM B2024OHNW02a
Top 30 of 32	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Wheat/Clover / None
SOIL DESCRIPTION:	Blount silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, medium K, 6.3 pH, 3.3% OM, 16.9 CEC
PEST MANAGEMENT:	Acuron, Roundup, Atrazine, Miravis Neo Fungicide
FERTILITY - Applied N:	15 Fall, 31 Planter, 151 Sidedress
Applied N-P-K (units):	197-97-144
SEEDED - RATE - ROW:	May 8 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 19 32.8 /A

TEST COMMENTS:

This is a new corn location for the northwest Ohio region. The site followed a wheat/clover crop and was planted in great, mellow soils. The site is very well managed with great fertility and drainage. Good moisture during July helped with pollinating and filled ears to the tip. The plot was healthy at harvest and standing well. A great uniform site with good data.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Ebberts	7188PC ↗	PCE	108	276.2	17.9	1	33.2	949	2
Ebberts	7557PC ↗	PCE	107	274.2	17.0	1	31.1	951	1
Seed Consultants	SC1055PCE ↗	PCE	105	272.0	16.6	1	32.8	948	3
Wyckoff	2515 VT2P RIB ↗	VT2P	107	270.2	16.8	1	33.5	940	4
M & W Seeds	MW D108 PWR ↗	PCE	108	269.9	17.2	1	33.2	934	5
Augusta	A2254 ↗	PCE	104	268.6	16.8	1	32.8	934	6
Wyckoff	2632 SS RIB ↗	STX	108	265.7	17.0	1	33.2	922	7
Wyckoff	2574 TRE RIB ↗	TRE	108	264.3	17.2	1	33.2	915	9
Seed Consultants	SC1042Q ↗	QR	104	263.9	16.9	1	33.5	917	8
NK Brand	NK0880-V ↗	V	108	262.1	16.7	1	32.8	913	10
Ebberts	9779SSX RIB ↗	STX	108	260.1	16.6	1	32.5	907	11
Partners Brand	PB 7928-VT2PRIB GC ↗	VT2P	109	259.5	16.9	1	33.5	902	13
FS InVision	FS 5525VDG RIB ↗	VT2PDG	105	258.7	16.2	1	33.2	905	12
Seed Consultants	SC1084AM ↗	AM	108	257.4	17.2	1	33.2	892	14
Augusta	A1954 PCE ↗	PCE	104	254.3	16.5	1	33.2	888	17
Wyckoff	2432 TRE RIB ↗	TRE	105	254.2	16.3	1	33.5	890	16
Ebberts	7209TR RIB ↗	TRE	108	254.0	16.0	1	33.5	892	15
Integra	5802 VT2PRIB ↗	VT2P	108	253.2	16.4	1	32.1	885	18
FS InVision	FS 5335P RIB ↗	STXP	103	251.8	16.4	1	32.8	880	19
FS InVision	FS 5845P RIB ↗	STXP	108	251.1	17.0	1	33.5	872	22
Integra	5443 DGVT2PRIB ↗	VT2PDG	104	250.6	16.2	1	32.1	878	20
NK Brand	NK0367-AA ↗	AA	103	249.9	16.3	1	32.5	873	21
Wyckoff	2336 TRE RIB ↗	TRE	103	249.3	16.4	1	33.2	871	23
M & W Seeds	MW C104 PWR ↗	PCE	104	247.5	16.6	1	33.2	862	25
FS InVision	FS 5835V RIB ↗	VT2P	108	244.8	16.5	1	33.5	855	26
Pioneer	P0306AM GC ↗	AM,AQ	103	242.9	17.0	1	32.1	843	27
Rob-See-Co	RC5768-VT2P GC ↗	VT2P	107	241.8	16.7	1	32.1	842	28
M & W Seeds	MW 103A VT2P ↗	VT2P	103	236.4	16.4	1	33.2	826	29
Golden Harvest	G08U00-V ↗	V	108	231.3	16.9	1	32.1	804	30
Integra	5584 PCE ↗	PCE	105	228.5	16.7	1	32.1	795	31
PIONEER	P0720AM CK	AM	107	250.0	17.1	1	32.1	866	24
				Averages =	254.2	16.7	1	32.8	885
				LSD (0.10) =	12.9	0.5	ns		
				LSD (0.25) =	6.8	0.2	ns		
				C.V. =	5.6				
				Historic yield: 157.98 bu/a, 2 yr(s)					

Matt Turner

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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: 10/19/2024

† 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 exceeded 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

Ohio Northwest [OHNW] OTTAWA, OH
Mike Diller, Putnam County, OH

Full-Season Test	109 - 112 Day CRM B2024OHNW02b
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Wheat/Clover / None
SOIL DESCRIPTION:	Blount silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, medium K, 6.3 pH, 3.3% OM, 16.9 CEC
PEST MANAGEMENT:	Acuron, Roundup, Atrazine, Miravis Neo Fungicide
FERTILITY - Applied N:	15 Fall, 31 Planter, 151 Sidedress
Applied N-P-K (units):	197-97-144
SEEDED - RATE - ROW:	May 8 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 19 32.8 /A

TEST COMMENTS:

This is a new corn location for the northwest Ohio region. The site followed a wheat/clover crop and was planted in great, mellow soils. The site is very well managed with great fertility and drainage. Good moisture during July helped with pollinating and filled ears to the tip. The plot was healthy at harvest and standing well. A great uniform site with good data.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P1136AM GC ↗	AM	111	270.4	18.0	1	33.5	928	1
Pioneer	P0859AM GC ↗	AM	108	265.5	17.7	1	32.5	914	2
Great Heart	HT-6950PCE ↗	PCE	109	264.9	17.9	1	33.2	910	3
FS InVision	FS 6137PC RA ↗	PCE	111	261.7	17.2	1	33.5	906	5
Integra	5935PCE ↗	PCE	109	261.7	17.4	1	33.2	903	7
Augusta	A2462 ↗	3110	112	261.5	16.8	1	33.5	909	4
FS InVision	FS 5947T RIB ↗	TRE	109	261.4	17.8	1	33.5	898	8
Ebberts	6883DGV2P RIB ↗	VT2PDG	112	261.2	17.8	1	33.2	898	9
Augusta	A2060 ↗	PCE	110	261.0	17.1	1	33.5	904	6
FS InVision	FS 6245V RIB ↗	VT2P	112	260.1	18.6	1	32.5	886	14
Golden Harvest	G12U11-AA ↗	AA	112	259.2	17.6	1	33.2	893	11
Wyckoff	2685 TRE RIB ↗	TRE	112	258.9	18.1	1	33.2	887	13
Wyckoff	2667 DG VT2P RIB ↗	VT2PDG	111	257.8	17.1	1	32.5	893	12
Augusta	A2061-PWE ↗	PCE	111	256.6	17.7	1	31.8	883	15
Wyckoff	2711 VT2P RIB ↗	VT2P	112	255.9	18.4	1	33.2	874	19
Ebberts	7993PC ↗	PCE	112	255.7	18.3	1	31.7	874	20
Seed Consultants	SC1094PCE ↗	PCE	109	254.7	17.1	1	33.5	883	16
Partners Brand	PB 8105D GC ↗	D	111	254.7	17.8	1	31.1	875	17
Rob-See-Co	RC6131-TRE GC ↗	TRE	111	253.9	17.6	1	32.1	875	18
Ebberts	7442PC ↗	PCE	112	252.9	17.4	1	33.2	874	21
NK Brand	NK1228-AA ↗	AA	112	251.5	18.1	1	32.8	862	22
FS InVision	FS 6133VDG RIB ↗	VT2PDG	111	249.9	17.5	1	33.2	862	23
Seed Consultants	SC1105PCE ↗	PCE	110	248.9	17.3	1	32.5	861	24
NK Brand	NK1188-AA ↗	AA	111	248.9	17.6	1	33.2	858	25
Integra	6244PCE ↗	PCE	112	248.4	17.8	1	32.8	854	26
Ebberts	7660PC ↗	PCE	110	243.9	18.2	1	32.8	834	29
FS InVision	FS 6017V RIB ↗	VT2P	110	243.2	16.5	1	31.1	849	27
Integra	6274 VT2PRIB ↗	VT2P	112	243.0	18.0	1	33.5	833	30
Great Heart	HT-7151PCE ↗	PCE	111	240.7	17.0	1	33.2	835	28
Wyckoff	2679 DG VT2P RIB ↗	VT2PDG	112	240.3	17.4	1	33.2	830	31
PIONEER	P0720AM CK	AM	107	259.4	17.5	1	29.3	895	10
				Averages =	250.4	17.7	1	32.8	862
				LSD (0.10) =	13.8	0.5	ns		
				LSD (0.25) =	7.3	0.3	ns		
				C.V. =	6.1				
				Historic yield: 157.98 bu/a, 2 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: 10/19/2024

† 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 exceeded the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

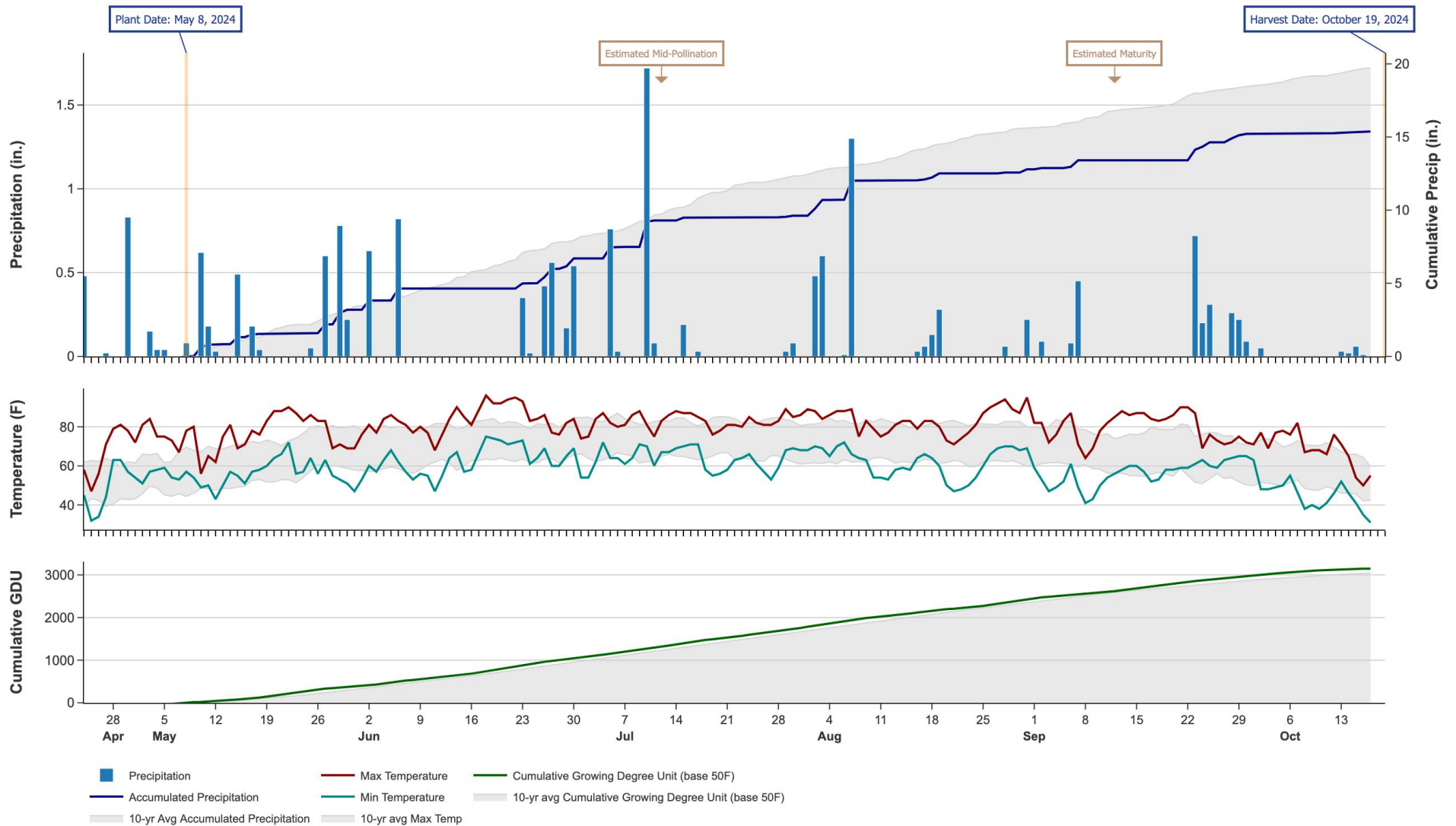
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2024 Corn - Ohio Northwest [OHNW]

Weather Conditions Summary at OTTAWA, OH

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	1.3 1.1 (+0.2)	3.5 4.5 (-1.0)	3.5 4.5 (-1.0)	2.9 4.4 (-1.5)	3.2 3.3 (-0.1)	2.4 2.8 (-0.4)	0.2 1.3 (-1.1)	17.0 21.9 (-4.9)
GDU Avg (Diff)	75 42 (+32)	500 376 (+123)	672 628 (+43)	708 734 (-26)	681 681 (0)	543 511 (+31)	166 168 (-2)	3345 3144 (+200)



* 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 - Ohio Northwest [OHNW]

Early-Season Test Products (32 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1954 PCE	PCE	N	104	CM,C2
Augusta	A2254	PCE	N	104	AC,P5V
Ebberts	7188PC	PCE	Y*	108	Ebberts
Ebberts	7209TR RIB	TRE	Y	108	Ebberts
Ebberts	7557PC	PCE	Y	107	Ebberts
Ebberts	9779SSX RIB	STX	Y	108	Ebberts
FS InVision	FS 5335P RIB	STXP	Y	103	AC,P5V
FS InVision	FS 5525VDG RIB	VT2PDG	Y	105	AC,P5V
FS InVision	FS 5835V RIB	VT2P	Y	108	AC,P5V
FS InVision	FS 5845P RIB	STXP	Y	108	AC,P5V
Golden Harvest	G03U08-D	D	Y	103	CM,C1,Vi,Va
Golden Harvest	G08U00-V	V	Y	108	CM,C1,Vi,Va
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
M & W Seeds	MW 103A VT2P	VT2P	Y	103	Treated
M & W Seeds	MW C104 PWR	PCE	Y	104	Treated
M & W Seeds	MW D108 PWR	PCE	Y	108	Treated
NK Brand	NK0367-AA	AA	Y	103	CM,C5,Vi,Va
NK Brand	NK0880-V	V	Y	108	CM,C1,Vi,Va
Partners Brand	PB 7928-VT2PRIB GC	VT2P	Y	109	AL2500
Pioneer	P0306AM GC	AM,AQ	Y	103	Lum
Pioneer	P0720AM CK	AM	Y	107	Lum, L1
Rob-See-Co	RC5768-VT2P GC	VT2P	Y	107	CM,C2,Vi,Va
Seed Consultants	SC1042Q	QR	Y	104	Lum, L1
Seed Consultants	SC1055PCE	PCE	Y	105	Lum, L1
Seed Consultants	SC1084AM	AM	Y	108	Lum, L1
Wyckoff	2336 TRE RIB	TRE	Y	103	AC,P2
Wyckoff	2432 TRE RIB	TRE	Y	105	AC,P2
Wyckoff	2515 VT2P RIB	VT2P	Y	107	AC,P2
Wyckoff	2574 TRE RIB	TRE	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.

2024 Corn - Ohio Northwest [OHNW]

Full-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A2060	PCE	N*	110	CM,C2
Augusta	A2061-PWE	PCE	N	111	CM,C2
Augusta	A2462	3110	N	112	CM,C2
Ebberts	6883DGV2P RIB	VT2PDG	Y	112	Ebberts
Ebberts	7442PC	PCE	Y	112	Ebberts
Ebberts	7660PC	PCE	Y	110	Ebberts
Ebberts	7993PC	PCE	Y	112	Ebberts
FS InVision	FS 5947T RIB	TRE	Y	109	AC,P5V,EDC-EL
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V
FS InVision	FS 6133VDG RIB	VT2PDG	Y	111	AC,P5V
FS InVision	FS 6137PC RA	PCE	N	111	AC,P5V
FS InVision	FS 6245V RIB	VT2P	Y	112	AC,P5V,EDC-EL
Golden Harvest	G10L16-DV	DV	Y	110	AVC,C1,Vi,Va
Golden Harvest	G11V76-AA	AA	Y	111	AVC,C1,Vi,Va
Golden Harvest	G12S75-D	D	Y	112	AVC,C1,Vi,Va
Golden Harvest	G12U11-AA	AA	Y	112	CM,C1,Vi,Va
Great Heart	HT-6950PCE	PCE	N	109	F,I
Great Heart	HT-7151PCE	PCE	N	111	F,I
Great Heart	HT-7210VT2P	VT2P	N	112	F,I
Integra	5935PCE	PCE	Y	109	AC,P5V,St,SU
Integra	6061 SSRIB	STX	Y	110	AC,P5V,St,SU
Integra	6244PCE	PCE	N	112	NA
Integra	6274 VT2PRIB	VT2P	Y	112	NA
NK Brand	NK1056-V	V	Y	110	CM,C2,Vi,Va
NK Brand	NK1188-AA	AA	Y	111	CM,C5,Vi,Va
NK Brand	NK1228-AA	AA	Y	112	CM,C1,Vi,Va
Partners Brand	PB 8105D GC	D	N*	111	AL2500
Pioneer	P0720AM CK	AM	Y	107	Lum, L1
Pioneer	P0859AM GC	AM	Y	108	Lum
Pioneer	P1136AM GC	AM	Y	111	Lum, L1
Rob-See-Co	RC5929-VT2P GC	VT2P	Y	109	AC,P2
Rob-See-Co	RC6131-TRE GC	TRE	Y	111	AC,P2
Seed Consultants	SC1093AM	AM	Y	109	Lum, L1
Seed Consultants	SC1094PCE	PCE	Y	109	Lum, L1
Seed Consultants	SC1105PCE	PCE	Y	110	Lum, L1
Wyckoff	2667 DG VT2P RIB	VT2PDG	Y	111	AC,P2
Wyckoff	2676 TRE RIB	TRE	Y*	112	AC,P2
Wyckoff	2679 DG VT2P RIB	VT2PDG	Y	112	AC,P2
Wyckoff	2685 TRE RIB	TRE	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)
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®
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,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,St,SU	Acceleron® Poncho 500/Votivo, Stamina, StepUp
AL2500	Alert 2500, Surefire
AVC,C1,Vi,Va	Avicta® Complete 1250, Vibrance®, Vayantis®
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®
Ebberts	Ebberts Complete Corn (Ebberts Field Seeds)
F,I	Fungicide, Insecticide
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.