

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

2023 Corn Grain Top 30 Harvest Report

Ohio Northwest [OHNW] TIFFIN, OH
Synergy Ag, Joe Steyer, Seneca County, OH 44883

Early-Season Test	103 - 108 Day CRM B2023OHNW04a
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Valor, Metribuzin, Warrant, Glufosinate
SOIL DESCRIPTION:	Colwood, Kibbie silt loam, moderately drained, non- irrigated
SOIL CONDITION:	Conventional W/O Fall Till, medium P, medium K, 6.6 pH, 2.6% OM, 13.8 CEC
PEST MANAGEMENT:	Explorer, Atrazine, Metolachlor, Trivapro Fungicide, Tombstone Insecticide
FERTILITY - Applied N:	40 Spring, 170 Sidedress
Applied N-P-K (units):	210-84-84
SEEDED - RATE - ROW:	May 15 33.6 /A 30" spacing
HARVESTED - STAND:	Nov 9 33.1 /A

TEST COMMENTS:

This is a very uniform site that has a history of good yields with excellent fertility with good drainage. It was planted in mid-May into great conditions and had the right amounts of heat and moisture for a great stand. Below-average GDU and above-average rain in July and August slowed maturing in corn and caused higher moistures at harvest. Plots were healthy and standing well at harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Buckeye Hybrids	RR8815 VT2P ↗	VT2P	108	302.1	16.9	1	33.5	1267	1
Seed Consultants	SC1042Q ↗	QR	104	298.8	17.0	1	33.5	1251	2
Dyna-Gro	D48VC84 ↗	VT2P	108	296.1	17.8	1	33.5	1231	3
Seed Consultants	SC1084AM ↗	AM	108	295.1	17.6	1	32.8	1230	5
FS InVision	FS 5725X RIB ↗	STX	107	293.6	17.0	1	33.5	1231	4
M & W Seeds	MW C104 PWR GC ↗	PC	104	291.2	16.9	1	33.5	1221	7
Dyna-Gro	D47SS93 ↗	STX	107	291.0	16.7	1	33.5	1222	6
Renk	RK703PWE ↗	PCE	106	289.3	17.3	1	33.5	1209	8
Partners Brand	PB 7928-VT2PRIB ↗	VT2P	109	288.6	17.4	1	33.5	1204	10
Wyckoff	2584 VT2P RIB ↗	VT2P	108	286.7	17.4	1	33.5	1197	11
Integra	5802 VT2PRIB ↗	VT2P	108	286.4	16.5	1	33.5	1206	9
Wyckoff	2632 SS RIB ↗	STX	108	285.5	18.3	1	33.2	1182	16
Ebberts	7188PC ↗	PC	108	284.5	17.8	1	32.8	1183	14
Wyckoff	2515 VT2P RIB ↗	VT2P	107	283.6	17.3	1	32.5	1185	13
Rob-See-Co	RC5422-PCE ↗	PCE	104	283.3	16.1	1	33.5	1197	12
Ebberts	7209TR RIB ↗	TRE	108	283.1	17.6	1	33.5	1179	18
Wyckoff	2583 TRE RIB ↗	TRE	108	282.5	17.1	1	33.2	1183	15
Wyckoff	2432 TRE RIB ↗	TRE	105	282.1	17.0	1	33.5	1182	17
FS InVision	FS 5835V RIB ↗	VT2P	108	280.0	17.5	1	32.5	1168	22
Pioneer	P0720AM GC ↗	AM	107	279.5	18.2	1	33.5	1158	27
Ebberts	9779SSX RIB ↗	STX	108	278.7	17.2	1	33.2	1165	23
Renk	RK707TRE ↗	TRE	105	276.4	15.8	1	32.1	1171	20
Augusta	A1954 PCE ↗	PCE	104	276.4	16.9	1	33.2	1160	25
FS InVision	FS 5525VDG RIB ↗	VT2PDG	105	276.2	15.6	1	32.8	1173	19
Integra	5584 PWE ↗	PCE	105	276.2	16.8	1	33.2	1159	26
Rob-See-Co	RC5694-VT2P ↗	VT2P	106	276.2	16.7	1	33.5	1161	24
Integra	5443 DGVT2PRIB ↗	VT2PDG	104	275.9	15.7	1	33.0	1171	21
Seed Consultants	SC1054AM ↗	AM	105	275.3	17.5	1	31.8	1148	31
FS InVision	FS 5594X RIB ↗	STX	105	275.0	16.5	1	33.2	1158	28
Dyna-Gro	D44DC73RIB ↗	VT2PDG	104	271.2	15.4	1	33.5	1153	29
PIONEER	P0859AM CK	AM	108	273.0	16.6	1	33.2	1149	30
				Averages =	277.7	17.0	1	33.1	1163
				LSD (0.10) =	11.6	0.5	ns		
				LSD (0.25) =	6.1	0.3	ns		
				C.V. =	4.6				
				Historic yield: 211.57 bu/a, 13 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: 11/10/2023

† 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

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Full-Season Test	109 - 112 Day CRM B2023OHNW04b
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SOIL DESCRIPTION:	Colwood, Kibbie silt loam, moderately drained, non- irrigated
SOIL CONDITION:	Conventional W/O Fall Till, medium P, medium K, 6.6 pH, 2.6% OM, 13.8 CEC
PEST MANAGEMENT:	Explorer, Atrazine, Metolachlor, Trivapro Fungicide, Tombstone Insecticide
FERTILITY - Applied N:	40 Spring, 170 Sidedress
Applied N-P-K (units):	210-84-84
SEEDED - RATE - ROW:	May 15 33.6 /A 30" spacing
HARVESTED - STAND:	Nov 9 33.1 /A

TEST COMMENTS:

This is a very uniform site that has a history of good yields with excellent fertility with good drainage. It was planted in mid-May into great conditions and had the right amounts of heat and moisture for a great stand. Below-average GDU and above-average rain in July and August slowed maturing in corn and caused higher moistures at harvest. Plots were healthy and standing well at harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK773TRE ↗	TRE	109	291.1	18.1	1	32.8	1207	1
Wyckoff	2656 PCE ↗	PCE	111	290.7	18.7	1	33.2	1198	2
FS InVision	FS 6017V RIB ↗	VT2P	110	288.3	17.9	1	33.5	1198	3
Golden Harvest	G12S75-D ↗	D	112	287.4	21.5	1	33.5	1152	17
Seed Consultants	SC1122Q ↗	QR	112	287.0	18.8	1	33.2	1182	5
Augusta	A2061-PWE ↗	PCE	111	286.6	18.3	1	32.5	1186	4
Golden Harvest	G11V76-AA ↗	AA	111	286.4	19.1	1	32.8	1176	9
Wyckoff	2711 VT2P RIB ↗	VT2P	112	286.3	19.2	1	32.8	1175	10
Seed Consultants	SC1112AM ↗	AM	111	286.3	18.8	1	33.5	1179	6
Integra	6274 VT2PRIB ↗	VT2P	112	285.9	19.0	1	33.5	1175	11
Rob-See-Co	RC5929-VT2P ↗	VT2P	109	285.0	18.7	1	32.8	1175	12
Dyna-Gro	D50VC09RIB ↗	VT2P	110	284.6	18.2	1	32.1	1179	7
NK Brand	NK1040-AA ↗	AA	110	284.0	19.9	1	32.5	1157	16
Seed Consultants	SC1093AM ↗	AM	109	282.3	19.0	1	33.5	1161	14
Renk	RK811PWE ↗	PCE	111	281.6	18.5	1	33.2	1164	13
Augusta	A2262-3110 ↗	3110	112	280.8	19.3	1	32.8	1151	18
Integra	6244 PWE ↗	PCE	112	280.5	18.5	1	33.2	1159	15
Ebberts	6444VT2P RIB ↗	VT2P	114	277.5	20.1	1	33.2	1128	21
Integra	6061 STXRIB ↗	STX	110	276.7	19.5	1	31.8	1131	20
FS InVision	FS 6217T RIB ↗	TRE	112	276.4	19.2	1	33.5	1134	19
Buckeye Hybrids	RR9012 AA ↗	AA	110	275.6	19.5	1	33.5	1128	22
Wyckoff	2679 DGVT2P RIB ↗	VT2PDG	112	273.5	18.7	1	32.5	1128	23
FS InVision	FS 6137PC ↗	PCE	111	272.8	18.5	1	33.5	1127	24
FS InVision	FS 6025X RIB ↗	STX	110	272.5	19.0	1	32.5	1120	25
Ebberts	6220VT2P RIB ↗	VT2P	110	272.2	19.0	1	32.8	1119	26
Wyckoff	2678 VT2P RIB ↗	VT2P	111	271.3	19.3	1	33.5	1112	28
NK Brand	NK1082-DV ↗	DV	110	270.6	19.9	1	33.5	1102	30
Ebberts	6883DGVT2P RIB ↗	VT2PDG	112	270.4	18.5	1	32.5	1117	27
Augusta	A6162-DV ↗	DV	112	270.2	19.8	1	33.2	1102	31
Renk	RK766SSPRO ↗	STXP	109	266.1	18.0	1	33.5	1105	29
PIONEER	P0859AM CK	AM	108	283.3	17.7	1	33.2	1179	8
				Averages =	276.1	19.1	1	33.1	1133
				LSD (0.10) =	13.5	0.5	ns		
				LSD (0.25) =	7.1	0.2	ns		
				C.V. =	5.4				
				Historic yield: 211.57 bu/a, 13 yr(s)					



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Report Date: 11/10/2023

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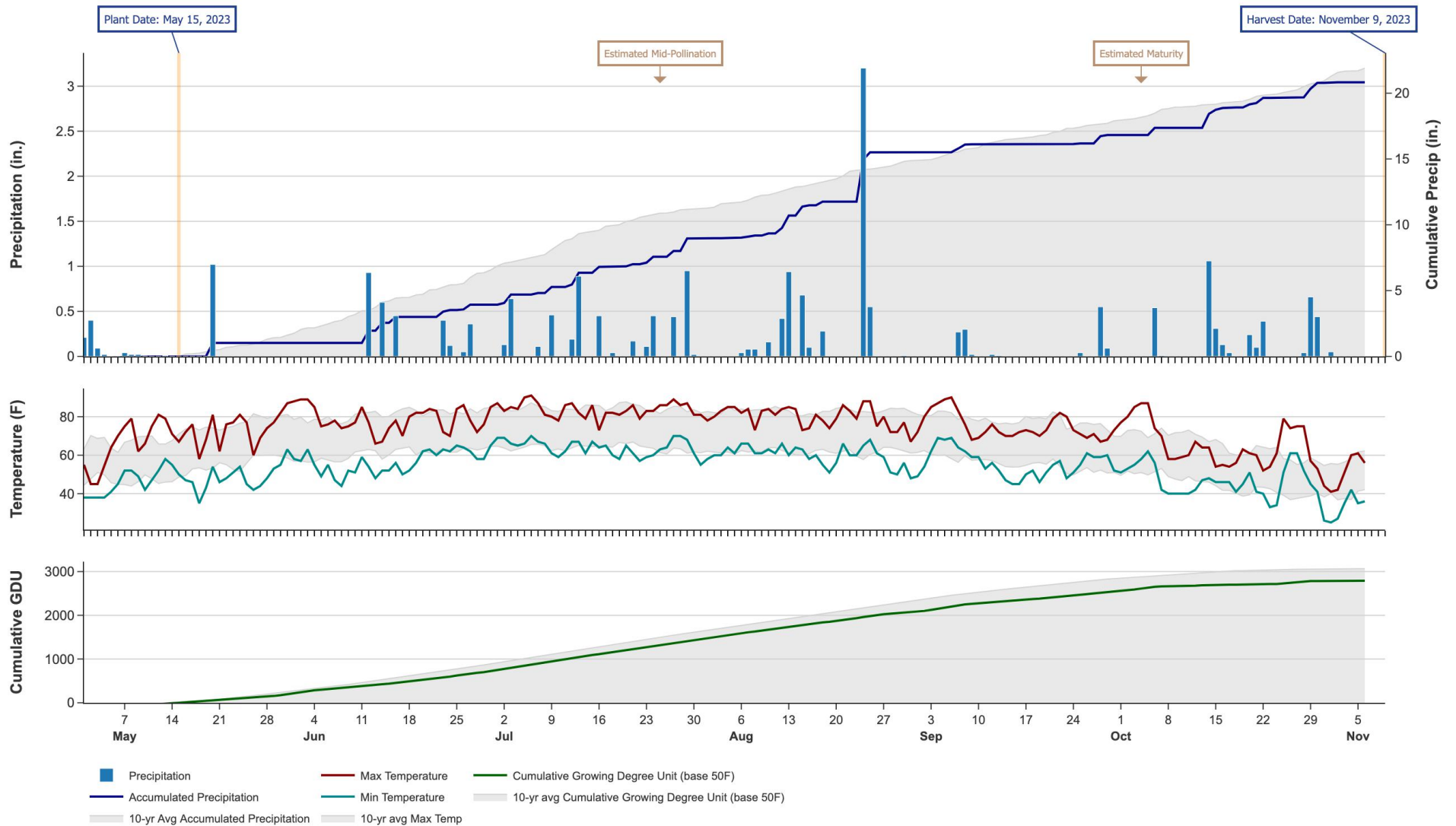
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2023 Corn - Ohio Northwest [OHNW]

Weather Conditions Summary at TIFFIN, OH

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) (Diff)	1.8 3.8 (-1.9)	2.9 5.0 (-2.0)	5.0 4.7 (+0.4)	6.5 3.6 (+2.9)	1.3 3.0 (-1.7)	4.0 3.0 (+0.9)	0.1 1.0 (-0.9)	21.6 24.1 (-2.4)
GDU Avg (Diff)	328 390 (-62)	526 629 (-103)	730 746 (-16)	616 694 (-78)	466 508 (-42)	245 213 (+31)	5 11 (-6)	2916 3195 (-279)



* 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 - Ohio Northwest [OHNW]

Early-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1954 PCE	PCE	N	104	CM,C2
Augusta	A1958-DV	DV	N	108	CM,C2
Augusta	A2057-3111	3111	N	107	CM,C2
Buckeye Hybrids	RR8815 VT2P	VT2P	N	108	AC,P5,B360
Dyna-Gro	D44DC73RIB	VT2PDG	Y	104	AC,P5V
Dyna-Gro	D47SS93	STX	N	107	AC,P5V
Dyna-Gro	D48VC84	VT2P	N	108	AC,P5V
Ebberts	7188PC	PC	N	108	Ebberts
Ebberts	7209TR RIB	TRE	Y	108	Ebberts
Ebberts	9779SSX RIB	STX	Y	108	Ebberts
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
FS InVision	FS 5835V RIB	VT2P	Y	108	AC,P5V,EDC-EL
Golden Harvest	G03B19-AA	AA	Y	103	CM,C5,Va
Golden Harvest	G08B38-AA	AA	Y	108	CM,C5,Va
Integra	5443 DGVT2PRIB	VT2PDG	N	104	AC,P5V,SU+Zn
Integra	5584 PWE	PCE	N	105	AC,P5V
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
M & W Seeds	MW 44V83 GC	V	Y	107	Ti
M & W Seeds	MW C104 PWR GC	PC	Y	104	Ti
NK Brand	NK0835-AA	AA	Y	108	CM,C5,Va
Partners Brand	PB 7928-VT2PRIB	VT2P	Y	109	ACi
Pioneer	P0035AM GC	AM	Y	100	Lum
Pioneer	P0720AM GC	AM	Y	107	Lum, L1
Pioneer	P0859AM CK	AM	Y	108	Lum
Renk	RK625DGV2P	VT2PDG	N	104	AC,P2
Renk	RK703PWE	PCE	N	106	Lum,P5V
Renk	RK707TRE	TRE	N	105	AC,P5V,B300
Rob-See-Co	RC5422-PCE	PCE	N	104	CM,C2,Vi,Va
Rob-See-Co	RC5694-VT2P	VT2P	Y	106	AC,P2
Seed Consultants	SC1042Q	QR	Y	104	Lum, L1
Seed Consultants	SC1054AM	AM	Y	105	Lum, L1
Seed Consultants	SC1084AM	AM	Y	108	Lum, L1
Wyckoff	2432 TRE RIB	TRE	Y	105	AC,P5V
Wyckoff	2515 VT2P RIB	VT2P	Y	107	AC,P2
Wyckoff	2583 TRE RIB	TRE	Y	108	AC,P2
Wyckoff	2584 VT2P RIB	VT2P	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.

2023 Corn - Ohio Northwest [OHNW]

Full-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1160-AA	AA	N	110	CM,C2
Augusta	A2061-PWE	PCE	N	111	CM,C2
Augusta	A2262-3110	3110	N	112	CM,C2
Augusta	A6162-DV	DV	N*	112	CM,C2
Buckeye Hybrids	RR9012 AA	AA	Y	110	CM,C2,Vi,Va
Buckeye Hybrids	RR9206 VT2P	VT2P	Y	112	CM,C2,Vi,Va
Dyna-Gro	D50VC09RIB	VT2P	Y*	110	AC,P5V
Ebberts	6220VT2P RIB	VT2P	Y	110	Ebberts
Ebberts	6444VT2P RIB	VT2P	Y	114	Ebberts
Ebberts	6883DGV2P RIB	VT2PDG	Y	112	Ebberts
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6133VDG RIB	VT2PDG	Y	111	AC,P5V,EDC-EL
FS InVision	FS 6137PC	PCE	N	111	CM,C2,Vi,Va
FS InVision	FS 6217T RIB	TRE	Y	112	AC,P5V,EDC-EL
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Va
Golden Harvest	G10L16-DV	DV	Y	110	AVC,C1,Va
Golden Harvest	G11V76-AA	AA	Y	111	CM,C5,Va
Golden Harvest	G12S75-D	D	Y	112	AVC,C1,Va
Integra	6061 STXRIB	STX	Y	110	AC,P5V,SU+Zn
Integra	6244 PWE	PCE	N	112	AC,P5V
Integra	6274 VT2PRIB	VT2P	Y	112	AC,P5V
NK Brand	NK1040-AA	AA	Y	110	CM,C5,Va
NK Brand	NK1082-DV	DV	Y	110	AVC,C1,Va
NK Brand	NK1188-AA	AA	Y	111	CM,C5,Va
Pioneer	P0859AM CK	AM	Y	108	Lum
Renk	RK766SSPRO	STXP	N	109	AC,P5V,B300
Renk	RK773TRE	TRE	N	109	AC,P5V,B300
Renk	RK811PWE	PCE	N	111	Lum,P5V
Rob-See-Co	RC5929-VT2P	VT2P	Y	109	AC,P5V
Rob-See-Co	RC6131-TRE	TRE	Y	111	CM,C2,Vi,Va
Rob-See-Co	RC6232-DGV2P	VT2PDG	Y	112	AC250
Seed Consultants	SC1093AM	AM	Y	109	Lum, L1
Seed Consultants	SC1112AM	AM	Y	111	Lum, L1
Seed Consultants	SC1122Q	QR	Y	112	Lum, L1
Wyckoff	2656 PCE	PCE	N	111	CM,C2,Vi,Va
Wyckoff	2667 DGV2P RIB	VT2PDG	Y	111	AC,P2
Wyckoff	2678 VT2P RIB	VT2P	Y	111	AC,P2
Wyckoff	2679 DGV2P RIB	VT2PDG	Y	112	AC,P2
Wyckoff	2711 VT2P RIB	VT2P	Y	112	AC,P2

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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)
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
AC250	Acceleron® 250
ACi	Acceleron® Standard Insecticide-Fungicide
AC,P2	Acceleron® 250
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B300	Acceleron® Poncho 500/Votivo with B-300 SAT
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,C1,Va	Avicta® Complete 1250 with Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
Ebberts	Ebberts Complete Corn (Ebberts Field Seeds)
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.