

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

2021 Corn Grain Top 30 Harvest Report

Ohio Northwest [OHNW] CALEDONIA, OH
Gerald Seckles, Marion County, OH

Early-Season Test	103 - 108 Day CRM B2021OHNW05a
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Zaltus, Enlist One, Liberty,
SOIL DESCRIPTION:	Blount-Pewamo silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, high P, medium K, 6.5 pH, 5.0% OM, 20.4 CEC
PEST MANAGEMENT:	Stratego, Agridep, Atrazine, Acuron
FERTILITY - Applied N:	40 Fall, 8 Planter, 150 Sidedress
Applied N-P-K (units):	198-75-61
SEEDED - RATE - ROW:	May 17 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 13 32.4 /A

TEST COMMENTS:

This location is a uniform site with great fertility and drainage. Planted in mid-May into a rye grass cover crop, the plot started off with excellent stands and good moisture early. The site has good weed control during the growing season with good rains during pollination through kernel fill. It was standing well at harvest with good stalk health and excellent weed control.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Seed Consultants	SC1042Q ↗	QR	104	246.6	19.2	1	32.2	1210	1
Pioneer	P0720AM GC ↗	AM	107	245.3	19.6	1	32.6	1202	2
Seed Consultants	SC1071AM ↗	AM	107	242.3	19.7	1	31.8	1186	3
Wyckoff	2584 VT2P RIB ↗	VT2P	108	240.2	19.8	1	32.2	1175	5
Local Seed	LC0607 TCRIB ↗	TRE	106	239.0	18.8	1	32.9	1175	6
Ebberts	6138VT2P RIB ↗	VT2P	108	238.0	18.4	1	32.2	1173	7
Ebberts	6626VT2P RIB ↗	VT2P	106	236.1	18.9	1	32.2	1161	8
Partners Brand	PB 7525 HAW ↗	PC	105	232.4	19.4	1	32.2	1139	11
Golden Harvest	G08R52-3220 EZR ↗	3220	108	232.4	19.3	1	32.5	1140	9
Wyckoff	2583 TRE RIB ↗	TRE	108	231.2	18.3	1	32.9	1140	10
NK Brand	NK0760-3111 ↗	3111	107	230.7	18.7	1	32.6	1135	14
Rupp	XR D05-16 ↗	VT2P	105	230.7	18.3	1	32.5	1137	13
Seed Consultants	SC1087AM ↗	AM	108	230.5	18.1	1	32.5	1138	12
NK Brand	NK0877-3220 EZR ↗	3220	108	230.0	19.0	1	32.9	1130	17
Rupp	XR D06-53 ↗	VT2P	106	229.6	17.9	1	32.5	1134	15
Integra	5802 VT2PRIB ↗	VT2P	108	229.5	18.2	1	32.5	1131	16
FS InVision	FS 53ZX1 RIB ↗	STX	103	228.4	18.4	1	31.5	1126	18
FS InVision	FS 5815V RIB ↗	VT2P	108	227.4	18.0	1	32.9	1123	19
Wyckoff	2587 VT2P RIB ↗	VT2P	108	227.3	19.4	1	32.9	1114	20
Augusta	A4858-5122-EZ ↗	5122	108	226.3	20.9	1	32.2	1101	28
FS InVision	FS 5704V RIB ↗	VT2P	107	225.2	18.1	1	32.9	1111	23
Local Seed	LC0707 DGV2PRIB ↗	VT2PDG	107	225.0	17.9	1	31.2	1112	22
Augusta	A4759-3111 ↗	3111	109	224.8	19.0	1	32.9	1104	25
Wyckoff	2335 SS RIB ↗	STX	104	224.8	17.4	1	32.5	1114	21
Golden Harvest	G07G73-5122 EZR ↗	5122	107	224.7	20.5	1	32.2	1095	30
Integra	5529 VT2PRIB ↗	VT2P	105	224.2	17.8	1	32.6	1108	24
FS InVision	FS 5594X RIB ↗	STX	105	223.5	18.0	1	32.5	1103	26
Wyckoff	2440 SS RIB ↗	STX	106	222.8	18.1	1	32.5	1099	29
Rupp	XR D03-07 ↗	VT2P	103	222.7	17.6	1	32.5	1102	27
Integra	5719 VT2PRIB ↗	VT2P	107	220.0	17.5	1	32.9	1089	31
Pioneer	P0977AM CK	AM	109	241.2	19.0	1	32.2	1185	4
				Averages =	227.0	18.6	1	32.4	1118
				LSD (0.10) =	11.3	0.7	ns		
				LSD (0.25) =	5.9	0.4	ns		
				C.V. =	5.5				
				Historic yield: 201.74 bu/a, 14 yr(s)					

Matt Turner

Matt Turner

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

Report Date: 10/14/2021

† 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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Full-Season Test	109 - 112 Day CRM B2021OHNW05b
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Zaltus, Enlist One, Liberty,
SOIL DESCRIPTION:	Blount-Pewamo silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, high P, medium K, 6.5 pH, 5.0% OM, 20.4 CEC
PEST MANAGEMENT:	Stratego, Agridep, Atrazine, Acuron
FERTILITY - Applied N:	40 Fall, 8 Planter, 150 Sidedress
Applied N-P-K (units):	198-75-61
SEEDED - RATE - ROW:	May 17 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 13 32.2 /A

TEST COMMENTS:

This location is a uniform site with great fertility and drainage. Planted in mid-May into a rye grass cover crop, the plot started off with excellent stands and good moisture early. The site has good weed control during the growing season with good rains during pollination through kernel fill. It was standing well at harvest with good stalk health and excellent weed control.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Dyna-Gro	D51VC67 ↗	VT2P	110	252.0	19.7	1	32.2	1234	2	
Wyckoff	2667 DGVT2P RIB ↗	VT2PDG	111	251.5	20.5	1	33.2	1226	3	
Ebberts	6883DGVT2P RIB ↗	VT2PDG	112	250.8	21.1	1	32.2	1219	4	
Seed Consultants	SC1122Q ↗	QR	112	246.6	21.7	1	33.2	1195	6	
Golden Harvest	G09Y24-3220A EZR ↗	3220A	109	246.1	19.9	1	33.5	1203	5	
Rupp	XR D10-16 ↗	VT2P	110	243.0	19.8	1	32.6	1189	7	
FS InVision	FS 6194V RIB ↗	VT2P	111	242.6	19.7	1	32.9	1188	8	
Wyckoff	2646 SS RIB ↗	STX	112	242.4	19.9	1	30.8	1185	9	
Pioneer	P1197AM GC ↗	AM	111	241.6	20.1	1	32.5	1181	11	
FS InVision	FS 6107T RIB ↗	TRE	111	241.1	20.0	1	32.2	1179	13	
Integra	6061 TRERIB ↗	TRE	110	241.0	19.6	1	32.2	1180	12	
Integra	6284 VT2PRIB ↗	VT2P	112	240.5	20.6	1	32.6	1172	14	
Dyna-Gro	D50VC09 ↗	VT2P	110	240.5	18.9	1	32.6	1182	10	
Wyckoff	2679 DGVT2P RIB ↗	VT2PDG	112	239.6	21.4	1	32.5	1163	18	
Wyckoff	2634 VT2P RIB ↗	VT2P	110	239.2	20.2	1	32.9	1168	17	
Rupp	XR D09-42 ↗	VT2P	109	238.9	19.2	1	32.9	1172	15	
FS InVision	FS 6106X RIB ↗	STX	111	238.9	20.8	1	31.2	1163	19	
Wyckoff	2669 SS RIB ↗	STX	111	238.4	21.3	1	32.9	1157	20	
Local Seed	LC0999 VT2PRIB ↗	VT2P	109	238.3	19.0	1	33.2	1171	16	
Rupp	XR D12-49 ↗	VT2P	112	237.7	21.8	1	32.2	1151	22	
Ebberts	7722TR RIB ↗	TRE	112	234.4	18.9	1	32.5	1152	21	
Integra	6162 VT2PRIB ↗	VT2P	111	233.4	20.9	2	31.9	1135	24	
Augusta	A4961-5122-EZ ↗	5122	111	232.8	21.0	1	32.5	1132	25	
Local Seed	LC0918 VT2P ↗	VT2P	109	232.3	18.9	1	30.8	1142	23	
Golden Harvest	G11V76-5122 EZR ↗	5122	111	230.1	20.5	1	32.6	1122	26	
Rupp	XR D10-59 ↗	VT2P	110	229.6	20.1	1	31.2	1122	27	
Seed Consultants	SC1112AM ↗	AM	111	228.9	20.1	1	32.5	1118	28	
Local Seed	LC1009 VT2PRIB ↗	VT2P	110	228.8	20.2	1	32.2	1117	29	
Seed Consultants	SC1092AM ↗	AM	109	228.6	20.3	1	31.9	1116	30	
FS InVision	FS 6017V RIB ↗	VT2P	110	226.8	18.8	1	32.5	1116	31	
Pioneer	P0977AM CK	AM	109	253.5	19.9	1	31.9	1239	1	
				Averages =	234.0	20.2	1	32.2	1144	
				LSD (0.10) =	10.1	0.7	ns			
				LSD (0.25) =	5.3	0.4	ns			
				C.V. =	4.7					
										Historic yield: 201.74 bu/a, 14 yr(s)

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Report Date: 10/14/2021

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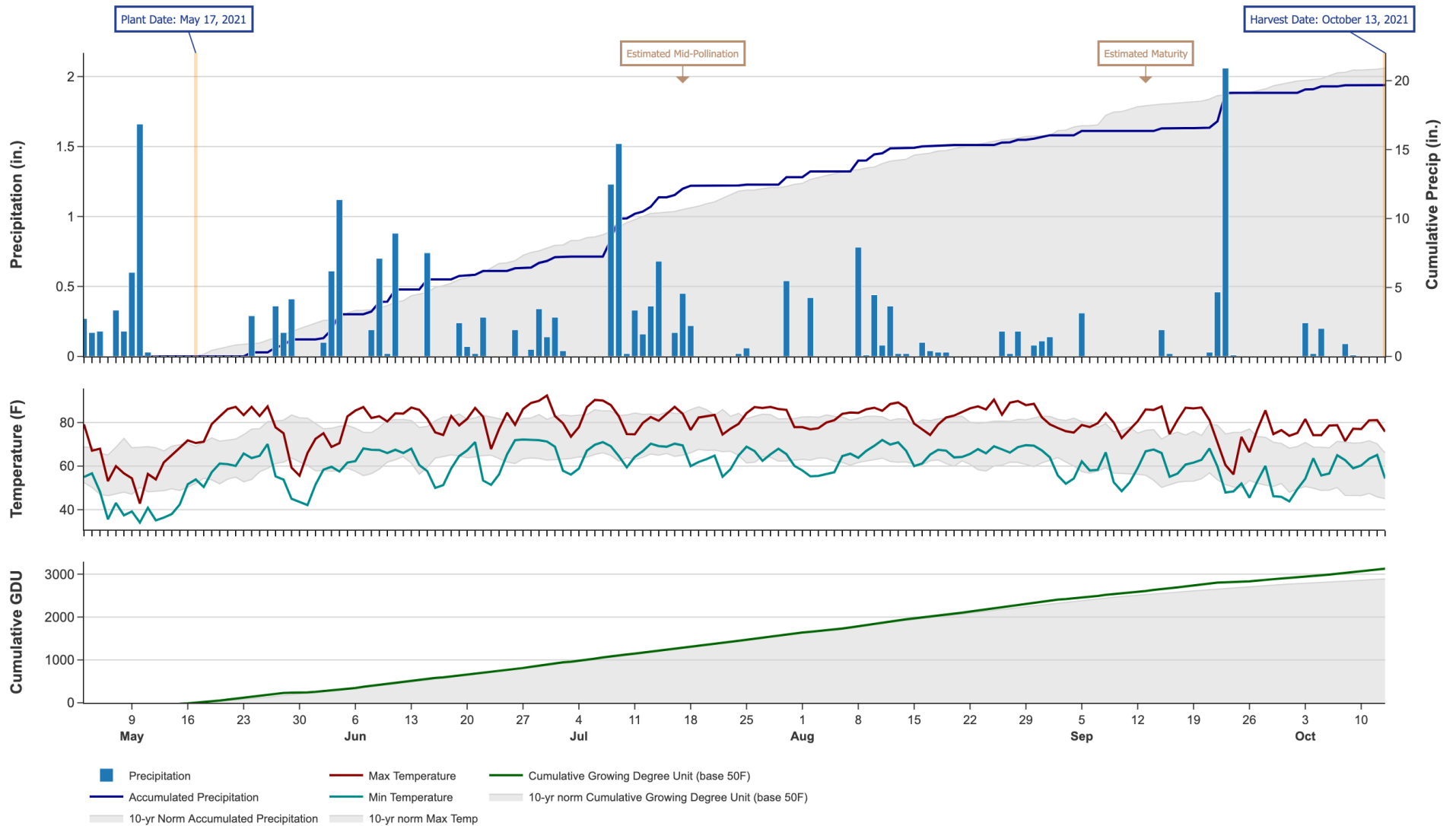
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2021 Corn - Ohio Northwest [OHNW]

Weather Conditions Summary at CALEDONIA, OH

Weather Data Retrieved: 10/14/2021

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	4.7 4.2 (+0.5)	5.7 5.7 (0.0)	6.1 4.6 (+1.5)	2.9 3.5 (-0.6)	3.2 3.7 (-0.5)	0.6 1.1 (-0.6)	23.1 22.9 (+0.2)
GDU Normal (Diff)	326 382 (-56)	656 624 (+31)	722 749 (-27)	748 669 (+78)	529 475 (+53)	230 128 (+101)	3211 3030 (+180)



* 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 - Ohio Northwest [OHNW]

Early-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1457-5122-EZ	5122	Y	107	AVC,C2
Augusta	A4759-3111	3111	N	109	CM,C2
Augusta	A4858-5122-EZ	5122	Y	108	CM,C2
Ebberts	6138VT2P RIB	VT2P	Y	108	AC250,Ri
Ebberts	6626VT2P RIB	VT2P	Y	106	AC250,Ri
Ebberts	7209TR RIB	TRE	Y	108	AC250,Ri
FS InVision	FS 53ZX1 RIB	STX	Y	103	AC,P5V
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
FS InVision	FS 5815V RIB	VT2P	Y	108	AC,P5V,EDC-EL
Golden Harvest	G03B96-5122 EZR	5122	Y	103	AVC,C2,Vi
Golden Harvest	G03R40-5222 EZR	5222	Y	103	AVC,C2,Vi
Golden Harvest	G07G73-5122 EZR	5122	Y	107	AVC,C2,Vi
Golden Harvest	G08R52-3220 EZR	3220	Y	108	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
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,EDC-B
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
NK Brand	NK0748-3120 EZR	3120	Y	107	AVC,C2,Vi
NK Brand	NK0760-3111	3111	N	107	AVC,C2,Vi
NK Brand	NK0877-3220 EZR	3220	Y	108	AVC,C5,Vi
Partners Brand	PB 7525 HAW	PC	N*	105	AL2500
Pioneer	P0720AM GC	AM	Y	107	Lum
Pioneer	P0977AM CK	AM	Y	109	Lum
Rupp	XR D03-07	VT2P	Y	103	AC,P2,Sb
Rupp	XR D05-16	VT2P	Y	105	AC,P2,Sb
Rupp	XR D06-53	VT2P	Y	106	AC,P2,Sb
Rupp	XR J02-35	5222	Y	103	AC,P2,Sb
Seed Consultants	SC1042Q	QR	Y	104	Lum,P1V
Seed Consultants	SC1071AM	AM	Y	107	Lum,P1V
Seed Consultants	SC1087AM	AM	Y	108	Lum,P1V
Wyckoff	2335 SS RIB	STX	Y	104	AC,P5V
Wyckoff	2440 SS RIB	STX	Y	106	AC,P5V,EDC-EL
Wyckoff	2583 TRE RIB	TRE	Y	108	AC,P5V
Wyckoff	2584 VT2P RIB	VT2P	Y	108	AC,P5V
Wyckoff	2587 VT2P RIB	VT2P	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.

2021 Corn - Ohio Northwest [OHNW]

Full-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1259-5222	5222	N	109	CM,C2
Augusta	A4961-5122-EZ	5122	Y	111	AVC,C5
Dyna-Gro	D50VC09	VT2P	N	110	AC,P5V
Dyna-Gro	D51VC67	VT2P	N	110	AC,P5V
Ebberts	6883DGV2P RIB	VT2PDG	Y	112	AC250,Ri
Ebberts	7722TR RIB	TRE	Y	112	AC250,Ri
FS InVision	FS 5909D2A EZR	5222A	Y	109	AC,P5V
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6106X RIB	STX	Y	111	AC,P5V
FS InVision	FS 6107T RIB	TRE	Y	111	AC,P5V
FS InVision	FS 6194V RIB	VT2P	Y	111	AC,P5V
Golden Harvest	G09Y24-3220A EZR	3220A	Y	109	AVC,C5,Vi
Golden Harvest	G10D21-3330 EZR	3330	Y	110	AVC,C5,Vi
Golden Harvest	G10L16-5222 EZR	5222	Y	110	AVC,C5,Vi
Golden Harvest	G11V76-5122 EZR	5122	Y	111	AVC,C5,Vi
Golden Harvest	G12S75-5122 EZR	5122	Y	112	AVC,C5,Vi
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU
Integra	6162 VT2PRIB	VT2P	Y	111	AC,P5V,EDC-B
Integra	6284 VT2PRIB	VT2P	Y	112	AC,P2,SU
Local Seed	LC0918 VT2P	VT2P	Y	109	AC,P5V,EDC-EL
Local Seed	LC0999 VT2PRIB	VT2P	Y	109	RA
Local Seed	LC1009 VT2PRIB	VT2P	Y	110	RA
NK Brand	NK1082-3220A EZR	3220A	Y	110	AVC,C5,Vi
NK Brand	NK1188-5122 EZR	5122	Y	111	AVC,C5,Vi
Partners Brand	PB 8071	3110	N*	110	AL2500
Pioneer	P0977AM CK	AM	Y	109	Lum
Pioneer	P1197AM GC	AM	Y	111	Lum
Rupp	XR D09-42	VT2P	Y	109	AC,P2,Sb
Rupp	XR D10-16	VT2P	Y	110	AC,P2,Sb
Rupp	XR D10-59	VT2P	Y	110	AC,P2,Sb
Rupp	XR D12-49	VT2P	Y	112	AC,P2,Sb
Schlessman	SX 745 VT2P GC	VT2P	Y	112	AC,P2
Seed Consultants	SC1092AM	AM	Y	109	Lum,P1V
Seed Consultants	SC1112AM	AM	Y	111	Lum,P1V
Seed Consultants	SC1122Q	QR	Y	112	Lum,P1V
Wyckoff	2634 VT2P RIB	VT2P	Y	110	AC,P5V
Wyckoff	2646 SS RIB	STX	Y	112	AC,P5V
Wyckoff	2667 DGV2P RIB	VT2PDG	Y	111	AC,P2
Wyckoff	2669 SS RIB	STX	Y	111	AC,P5V
Wyckoff	2679 DGV2P RIB	VT2PDG	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

[^] 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

3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3111	Agrisure® Viptera® 3111
3120	Agrisure® 3120 (CB,HX,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
3220A	Agrisure® Artesian® Viptera® 3220 (Vip,CB,HX,LL,GT)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
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,Ri	Acceleron® 250, Rizolex
AC,P2	Acceleron® 250
AC,P2,Sb	Acceleron® 250, SabrEx Innoculant
AC,P2,SU	Acceleron® 250, 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,P5V,SU	Acceleron® Poncho 500/Votivo, StepUp
AL2500	Alert 2500, Surefire
AVC,C2	Avicta® Complete 250
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
AVC,C5	Avicta® Complete 500
AVC,C5,Vi	Avicta® Complete 500, Vibrance
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
RA	Radius 500 (Local Seed Co)

* Seed treatments may include unspecified plant health promoting components.