

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

2021 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 B2021OHNW04a
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Wheat / Harmony
SOIL DESCRIPTION:	Kibbie sandy clay loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, very high K, 6.0 pH, 3.2% OM, 11.2 CEC
PEST MANAGEMENT:	Lexar, Status
FERTILITY - Applied N:	12 Spring, 194 Sidedress
Applied N-P-K (units):	206-79-0
SEEDED - RATE - ROW:	May 16 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 14 32.2 /A

TEST COMMENTS:

This is a uniform location that has great fertility and a history of producing great yields. Timely planting with excellent rains and good drainage all combined to make this a big yielding plot. The plot looked good from emergence and stayed healthy all year long with little to no tar spot damage and no weed pressure during the season. Mild temperatures after pollinating filled ears with deep kernels.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Seed Consultants	SC1071AM ↗	AM	107	311.8	19.9	1	31.5	1525	1
Ebberts	7209TR RIB ↗	TRE	108	303.4	19.9	1	31.9	1484	2
Seed Consultants	SC1042Q ↗	QR	104	301.6	19.8	1	31.9	1476	3
Ebberts	6138VT2P RIB ↗	VT2P	108	298.8	19.7	1	32.2	1462	4
Wyckoff	2583 TRE RIB ↗	TRE	108	295.7	19.7	1	31.9	1448	5
Integra	5719 VT2PRIB ↗	VT2P	107	295.2	19.7	1	32.9	1445	7
Integra	5802 VT2PRIB ↗	VT2P	108	293.4	19.5	1	31.2	1438	8
Seed Consultants	SC1087AM ↗	AM	108	291.8	19.6	1	31.5	1429	10
Integra	5682 VT2PRIB ↗	VT2P	106	290.8	19.4	1	32.2	1426	11
Wyckoff	2335 SS RIB ↗	STX	104	290.8	18.8	1	32.5	1430	9
Wyckoff	2587 VT2P RIB ↗	VT2P	108	289.3	20.3	1	31.9	1411	13
Rupp	XR D05-16 ↗	VT2P	105	288.5	19.5	1	33.2	1414	12
Wyckoff	2584 VT2P RIB ↗	VT2P	108	288.1	20.6	1	32.2	1404	14
Local Seed	LC0707 DGV2PRIB ↗	VT2PDG	107	285.5	20.0	1	32.5	1395	16
Ebberts	6626VT2P RIB ↗	VT2P	106	285.3	19.4	1	31.9	1399	15
FS InVision	FS 5815V RIB ↗	VT2P	108	284.1	20.3	1	32.5	1387	18
NK Brand	NK0877-3220 EZR ↗	3220	108	283.7	20.0	1	32.9	1386	19
Wyckoff	2440 SS RIB ↗	STX	106	283.1	19.2	1	32.9	1389	17
Pioneer	P0720AM GC ↗	AM	107	282.2	19.8	1	32.5	1381	20
Partners Brand	PB 7525 HAW ↗	PC	105	282.2	20.0	1	30.5	1379	21
NK Brand	NK0748-3120 EZR ↗	3120	107	280.0	19.8	1	32.5	1370	23
Local Seed	LC0518 VT2PRIB ↗	VT2P	105	279.4	18.7	1	32.9	1375	22
Golden Harvest	G07G73-5122 EZR ↗	5122	107	278.6	20.2	1	32.5	1360	25
Augusta	A1457-5122-EZ ↗	5122	107	277.3	20.2	1	32.5	1354	27
Integra	5529 VT2PRIB ↗	VT2P	105	276.6	18.7	1	31.5	1361	24
Rupp	XR D03-07 ↗	VT2P	103	275.3	18.5	1	31.2	1356	26
Golden Harvest	G08R52-3220 EZR ↗	3220	108	275.0	20.1	1	32.9	1344	28
Rupp	XR J02-35 ↗	5222	103	274.6	19.7	1	31.9	1344	29
Augusta	A4759-3111 ↗	3111	109	272.2	19.5	1	32.5	1334	30
Rupp	XR D06-53 ↗	VT2P	106	271.4	18.9	2	32.2	1334	31
Pioneer	P0977AM CK	AM	109	296.2	20.1	1	31.5	1447	6
				Averages =	282.0	19.7	1	32.2	1380
				LSD (0.10) =	9.6	0.4	1		
				LSD (0.25) =	5.1	0.2	0		
				C.V. =	3.7				
				Historic yield: 196.14 bu/a, 11 yr(s)					

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: 10/15/2021

† 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 B2021OHNW04b
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PREV. CROP/HERB:	Wheat / Harmony
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PEST MANAGEMENT:	Lexar, Status
FERTILITY - Applied N:	12 Spring, 194 Sidedress
Applied N-P-K (units):	206-79-0
SEEDED - RATE - ROW:	May 16 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 14 32.2 /A

TEST COMMENTS:

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Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6017V RIB ↗	VT2P	110	316.3	21.0	1	32.9	1538	1
Local Seed	LC0918 VT2P ↗	VT2P	109	315.1	20.6	1	31.5	1535	2
Wyckoff	2667 DGVT2P RIB ↗	VT2PDG	111	311.4	22.9	1	32.2	1499	3
Integra	6061 TRERIB ↗	TRE	110	309.0	22.9	1	32.9	1488	7
Ebberts	6883DGVT2P RIB ↗	VT2PDG	112	308.4	22.3	1	33.2	1490	5
Seed Consultants	SC1122Q ↗	QR	112	308.1	21.8	1	31.7	1492	4
Wyckoff	2646 SS RIB ↗	STX	112	305.7	22.8	1	30.5	1473	11
FS InVision	FS 6107T RIB ↗	TRE	111	305.6	20.5	1	32.2	1490	6
Dyna-Gro	D51VC67 ↗	VT2P	110	304.9	21.5	2	31.5	1479	8
Seed Consultants	SC1112AM ↗	AM	111	304.3	21.8	1	32.2	1474	10
Pioneer	P1197AM GC ↗	AM	111	303.9	21.0	1	32.2	1478	9
Wyckoff	2679 DGVT2P RIB ↗	VT2PDG	112	301.1	22.5	1	32.5	1453	14
FS InVision	FS 6194V RIB ↗	VT2P	111	301.0	21.5	1	32.6	1460	13
Rupp	XR D09-42 ↗	VT2P	109	300.9	20.5	1	32.2	1467	12
Rupp	XR D12-49 ↗	VT2P	112	299.5	22.2	2	30.5	1448	16
Dyna-Gro	D50VC09 ↗	VT2P	110	298.0	20.7	1	32.5	1452	15
Ebberts	7722TR RIB ↗	TRE	112	297.7	21.6	1	32.2	1443	17
Augusta	A4961-5122-EZ ↗	5122	111	296.6	21.6	1	31.9	1438	18
Wyckoff	2669 SS RIB ↗	STX	111	294.7	21.6	1	32.9	1429	19
Integra	6284 VT2PRIB ↗	VT2P	112	294.6	22.2	1	33.2	1424	23
Seed Consultants	SC1092AM ↗	AM	109	294.6	21.9	1	31.8	1426	22
Local Seed	LC0999 VT2PRIB ↗	VT2P	109	293.9	21.1	1	32.9	1428	21
Rupp	XR D10-59 ↗	VT2P	110	293.1	20.5	1	32.9	1429	20
FS InVision	FS 6106X RIB ↗	STX	111	292.7	21.9	1	31.2	1416	24
Golden Harvest	G10L16-5222 EZR ↗	5222	110	292.2	22.3	1	31.5	1411	25
Integra	6162 VT2PRIB ↗	VT2P	111	290.8	21.4	1	31.8	1411	26
Augusta	A1259-5222 ↗	5222	109	289.5	22.6	1	31.9	1396	30
Wyckoff	2634 VT2P RIB ↗	VT2P	110	288.6	21.6	1	32.2	1399	27
NK Brand	NK1188-5122 EZR ↗	5122	111	288.6	21.6	1	33.2	1399	28
Schlessman	SX 745 VT2P GC ↗	VT2P	112	288.6	22.0	1	30.5	1396	31
Pioneer	P0977AM CK	AM	109	287.3	21.0	1	32.5	1397	29
				Averages =	295.2	21.7	1	32.2	1431
				LSD (0.10) =	9.9	0.4	ns		
				LSD (0.25) =	5.2	0.2	ns		
				C.V. =	3.7				
				Historic yield: 196.14 bu/a, 11 yr(s)					



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Report Date: 10/15/2021

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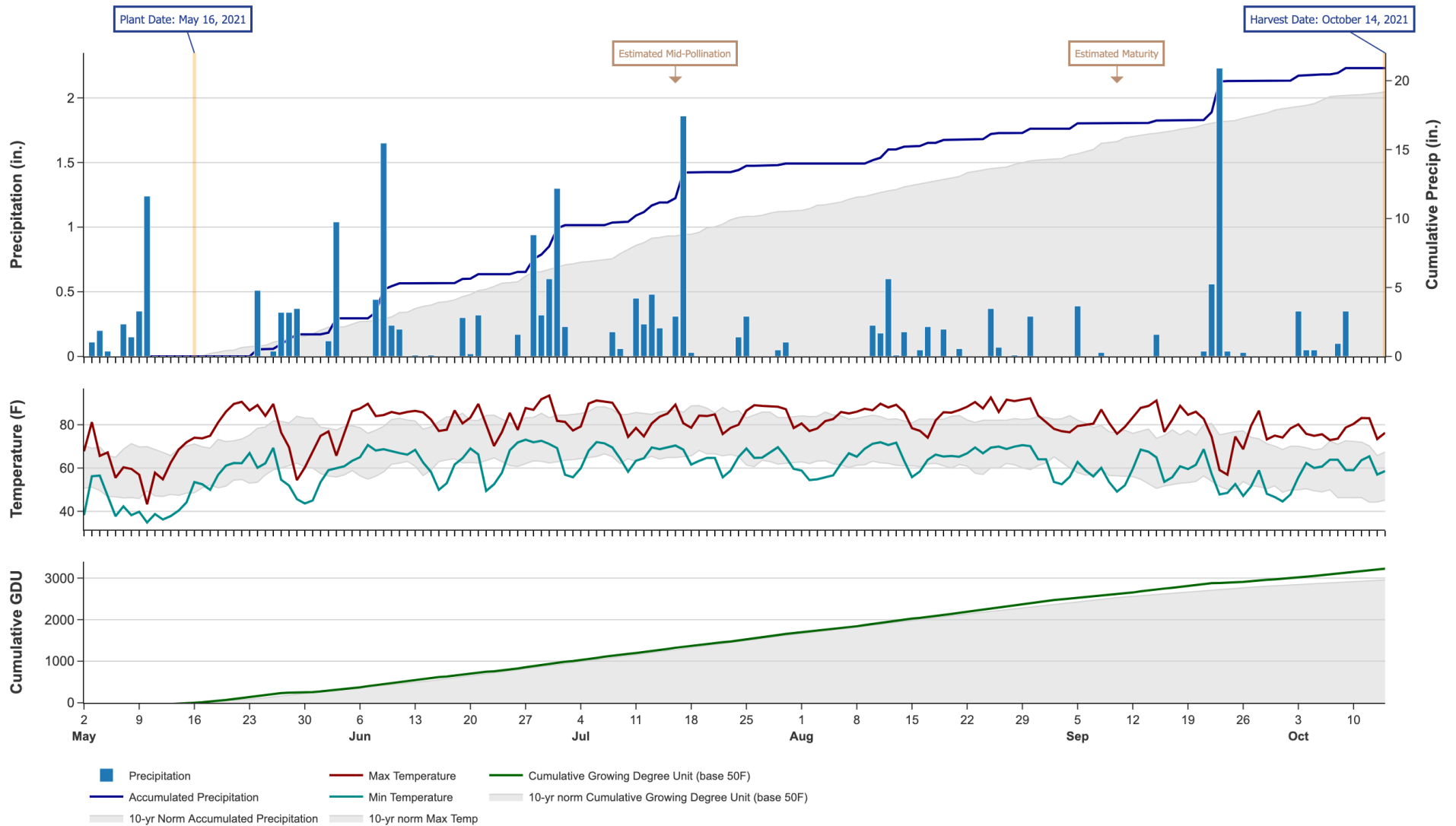
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2021 Corn - Ohio Northwest [OHNW]

Weather Conditions Summary at TIFFIN, OH

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	3.9 3.9 (0.0)	6.4 4.7 (+1.7)	6.0 4.3 (+1.7)	2.5 3.7 (-1.2)	3.5 3.6 (-0.1)	0.9 1.3 (-0.4)	23.2 21.5 (+1.8)
GDU Normal (Diff)	351 390 (-39)	684 626 (+57)	733 767 (-34)	759 684 (+74)	536 487 (+48)	255 139 (+115)	3318 3096 (+221)



* 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.