

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

## 2022 Corn Grain Top 30 Harvest Report

Ohio Northwest [OHNW] ARCHBOLD, OH  
Rupp Seeds, Inc., John King, Fulton County, OH 43567

<b>Early-Season Test</b>	103 - 108 Day CRM B2022OHNW01a
<b>Top 30 of 32</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Authority
<b>SOIL DESCRIPTION:</b>	Gilford sandy loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, very high K, 4.9 pH, 2.0% OM, 8.5 CEC
<b>PEST MANAGEMENT:</b>	Accuron
<b>FERTILITY - Applied N:</b>	75 Spring, 105 Sidedress
<b>Applied N-P-K (units):</b>	180-0-0
<b>SEEDED - RATE - ROW:</b>	May 13 33.6 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 27 32.9 /A

### TEST COMMENTS:

*This site has a history of producing high yields and this year is the same. The season started with good stands and early season health. The location has excellent fertility, with nice drainage and weed control. The site received good rains during the growing season and with mild summer temperatures, ears were filled to the tip with deep kernels. Plots were very tall and healthy at harvest with little lodging.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 5815V RIB ↗	VT2P	108	<b>274.6</b>	17.1	1	33.5	1836	1
Seed Consultants	SC1042Q ↗	QR	104	<b>272.2</b>	15.8	1	33.2	1834	2
Renk	RK625DGV2P ↗	VT2PDG	104	267.0	15.2	1	31.2	1802	3
FS InVision	FS 5725X RIB ↗	STX	107	266.7	15.8	1	33.2	1798	4
Seed Consultants	SC1071AM ↗	AM	107	265.1	16.4	1	33.2	1780	5
Wyckoff	2515 VT2P RIB ↗	VT2P	107	265.1	16.7	1	32.5	1777	7
Rob-See-Co	RC5768-VT2P ↗	VT2P	107	264.8	16.7	1	33.5	1775	8
Renk	RK700SSTX ↗	STX	108	264.0	16.8	1	33.5	1768	11
Wyckoff	2583 TRE RIB ↗	TRE	108	263.8	16.2	1	33.2	1774	10
Dyna-Gro	D44DC73RIB ↗	VT2PDG	104	263.0	14.8	1	32.1	1775	9
Rob-See-Co	RC6038-DV ↗	DV	108	262.1	17.7	1	30.7	1746	17
Wyckoff	2632 SS RIB ↗	STX	108	261.8	16.1	1	33.2	1761	12
Dyna-Gro	D45TC55 ↗	TRE	105	260.9	15.6	1	33.5	1760	13
Integra	5802 VT2PRIB ↗	VT2P	108	260.8	17.3	1	33.2	1742	18
FS InVision	FS 5829V RIB ↗	VT2P	108	260.6	16.7	1	33.5	1747	16
Renk	RK710DGV2P ↗	VT2PDG	107	259.9	15.5	1	33.2	1754	14
Integra	5443 DGV2PRIB ↗	VT2PDG	104	259.3	14.8	1	32.8	1750	15
Ebberts	6138VT2P RIB ↗	VT2P	108	257.5	16.1	1	33.2	1732	19
Rob-See-Co	RC5323-DV ↗	DV	103	256.4	16.3	1	33.2	1722	21
FS InVision	FS 5525VDG RIB ↗	VT2P	105	255.4	14.6	1	32.1	1724	20
Wyckoff	2584 VT2P RIB ↗	VT2P	108	254.9	16.0	1	32.5	1715	23
Renk	RK715SSTX ↗	STX	105	254.7	15.7	1	32.1	1717	22
Ebberts	7209TR RIB ↗	TRE	108	253.3	16.8	1	33.2	1697	26
Integra	5719 VT2PRIB ↗	VT2P	107	252.7	15.5	1	33.5	1705	24
NK Brand	NK0696-D ↗	D	106	252.3	16.4	1	33.5	1694	27
Wyckoff	2440 SS RIB ↗	STX	106	252.3	15.7	1	32.5	1702	25
Ebberts	6626VT2P RIB ↗	VT2P	106	248.0	16.0	3	33.0	1669	28
Rob-See-Co	D05-16 ↗	VT2P	105	246.9	15.9	4	32.8	1662	29
Renk	RK774VT2P ↗	VT2P	108	246.7	15.8	1	31.8	1662	30
Golden Harvest	G08R52-V ↗	V	108	246.0	16.3	1	33.5	1653	31
PIONEER	P0720Q CK	QR	107	265.4	16.7	1	32.8	1779	6
				<b>Averages =</b>	<b>258.5</b>	<b>16.1</b>	<b>1</b>	<b>32.9</b>	<b>1738</b>
				LSD (0.10) =	9.1	0.4	1		
				LSD (0.25) =	4.8	0.2	0		
				C.V. =	3.9				

Matt Turner

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Historic yield: 246.76 bu/a, 6 yr(s)

**Yield & Income Factors:** Base Moisture = 15.5% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$6.75; non-GMO = \$6.75

Report Date: 10/28/2022

† 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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Ohio Northwest [OHNW] ARCHBOLD, OH  
Rupp Seeds, Inc., John King, Fulton County, OH 43567

<b>Full-Season Test</b>	<b>109 - 112</b> Day CRM B2022OHNW01b
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Authority
<b>SOIL DESCRIPTION:</b>	Gilford sandy loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, very high K, 4.9 pH, 2.0% OM, 8.5 CEC
<b>PEST MANAGEMENT:</b>	Accuron
<b>FERTILITY - Applied N:</b>	75 Spring, 105 Sidedress
<b>Applied N-P-K (units):</b>	180-0-0
<b>SEEDED - RATE - ROW:</b>	May 13 33.6 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 27 32.9 /A

### TEST COMMENTS:

*This site has a history of producing high yields and this year is the same. The season started with good stands and early season health. The location has excellent fertility, with nice drainage and weed control. The site received good rains during the growing season and with mild summer temperatures, ears were filled to the tip with deep kernels. Plots were very tall and healthy at harvest with little lodging.*

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	<b>272.0</b>	17.5	1	33.2	1814	1
Seed Consultants	SC1093AM ↗	AM	109	<b>271.6</b>	18.3	1	33.2	1803	2
Wyckoff	2711 VT2P RIB ↗	VT2P	112	<b>270.5</b>	19.4	1	33.5	1783	6
Golden Harvest	G12S75-D ↗	D	112	<b>270.4</b>	20.7	1	33.5	1769	9
Wyckoff	2679 DGVT2P RIB ↗	VT2PDG	112	<b>269.8</b>	18.5	1	33.0	1789	4
Golden Harvest	G11V76-AA ↗	AA	111	269.4	19.2	1	33.5	1778	7
Renk	RK826VT2P ↗	VT2P	111	269.4	18.1	1	31.1	1790	3
Seed Consultants	SC1112AM ↗	AM	111	268.7	18.1	1	33.2	1785	5
Wyckoff	2667 DGVT2P RIB ↗	VT2PDG	111	268.0	19.5	1	32.8	1766	13
Augusta	A1961 TRE ↗	TRE	111	266.5	17.9	1	33.5	1773	8
FS InVision	FS 6025X RIB ↗	STX	110	266.1	18.2	1	32.5	1768	11
Dyna-Gro	D50VC78 ↗	VT2P	110	265.8	18.1	1	33.0	1767	12
FS InVision	FS 6217T RIB ↗	TRE	112	264.6	19.9	1	31.1	1739	20
Rob-See-Co	D10-16 ↗	VT2P	110	264.2	17.8	1	32.8	1759	14
NK Brand	NK1188-D ↗	D	111	263.7	18.1	1	33.2	1753	15
Seed Consultants	SC1122Q ↗	QR	112	263.3	18.5	1	33.5	1746	17
Ebberts	6220VT2P RIB ↗	VT2P	110	262.8	17.9	1	33.2	1748	16
Dyna-Gro	D49VC53 ↗	VT2P	109	262.3	17.9	1	33.5	1746	18
FS InVision	FS 6225L1 EZR ↗	AA	112	262.2	18.6	1	32.8	1737	21
Dyna-Gro	D51VC67RIB ↗	VT2P	110	261.4	17.6	1	32.5	1742	19
Ebberts	6883DGVT2P RIB ↗	VT2PDG	112	259.8	18.2	1	33.2	1726	22
Augusta	A4961-5122-EZ ↗	D	111	259.6	20.2	1	33.2	1704	30
Wyckoff	2678 VT2P RIB ↗	VT2P	111	259.5	19.0	1	32.8	1716	26
NK Brand	NK1082-DV ↗	DV	110	258.8	18.4	1	33.5	1717	25
Ebberts	7722TR RIB ↗	TRE	112	258.3	17.8	1	33.2	1720	23
Renk	RK821SSTX ↗	STX	111	257.5	17.8	1	33.2	1714	27
Renk	RK805VT2P ↗	VT2P	110	257.0	17.1	1	32.8	1719	24
FS InVision	FS 6194V RIB ↗	VT2P	111	256.6	17.9	1	32.8	1707	29
Renk	RK801SSTX ↗	STX	110	256.3	17.4	1	33.5	1710	28
Renk	RK830SSTX ↗	STX	112	254.6	17.1	1	33.5	1702	31
PIONEER	P0720Q CK	QR	107	265.2	17.5	1	33.5	1769	10
				Averages =	<b>262.3</b>	<b>18.5</b>	<b>1</b>	<b>32.9</b>	<b>1740</b>
				LSD (0.10) =	7.3	0.5	ns		
				LSD (0.25) =	3.8	0.3	ns		
				C.V. =	3.0				
				Historic yield: 246.76 bu/a, 6 yr(s)					

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**Yield & Income Factors:** Base Moisture = 15.5% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$6.75; non-GMO = \$6.75

Report Date: 10/28/2022

† 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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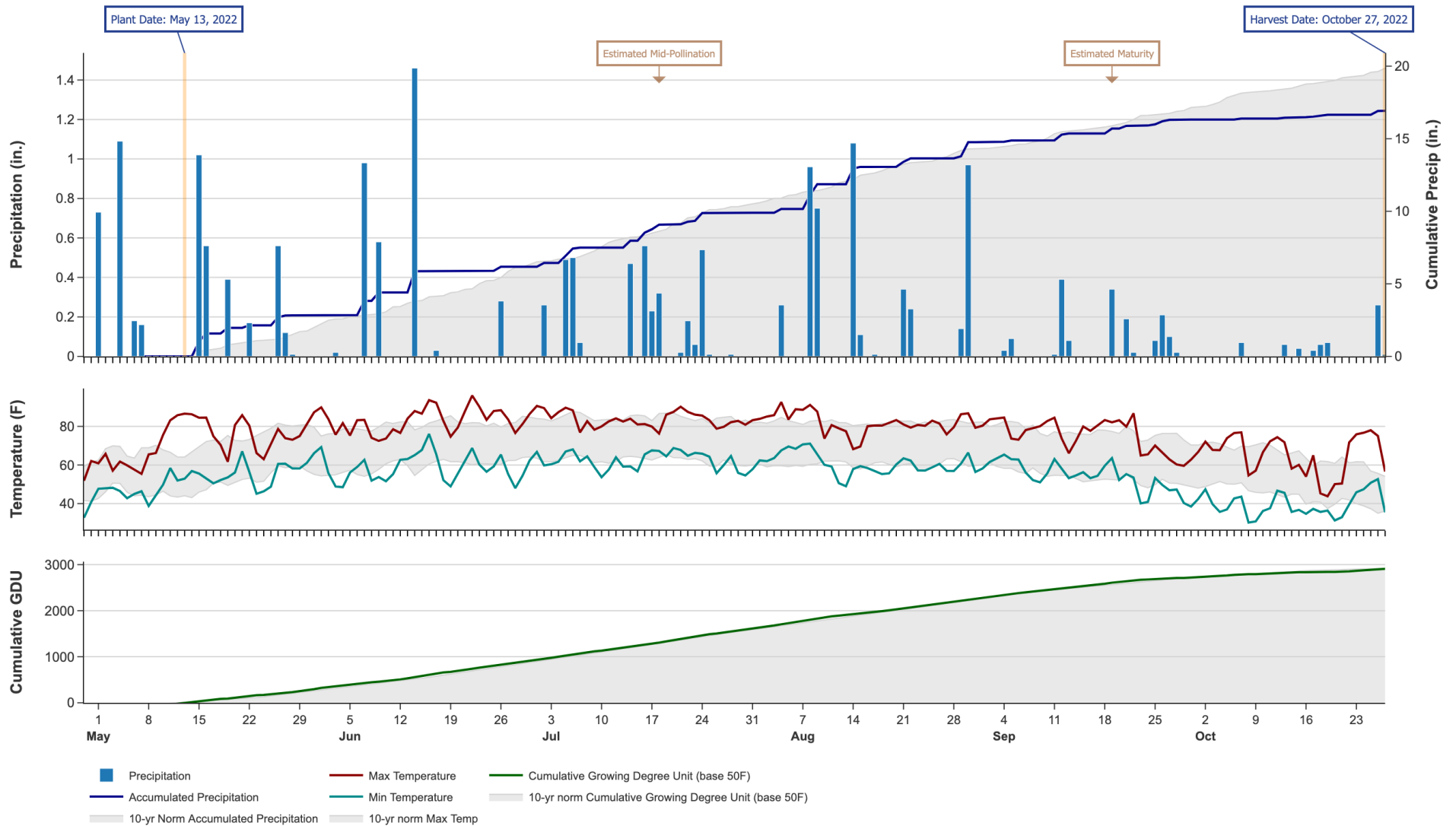
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# 2022 Corn - Ohio Northwest [ OHNW ]

## Weather Conditions Summary at ARCHBOLD, OH

Weather Data Retrieved: 10/28/2022

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	0.0   0.3 (-0.3)	5.0   3.8 (+1.2)	3.4   4.3 (-1.0)	3.7   4.2 (-0.4)	4.9   3.8 (+1.0)	1.6   2.8 (-1.3)	0.6   2.7 (-2.1)	19.1   21.9 (-2.9)
GDU   Normal (Diff)	6   10 (-4)	419   374 (+44)	609   602 (+6)	701   724 (-23)	649   657 (-8)	461   469 (-8)	191   193 (-2)	3036   3032 (+3)



\* 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.

## 2022 Corn - Ohio Northwest [ OHNW ]

### Early-Season Test Products (32 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Dyna-Gro	D44DC73RIB	VT2PDG	Y	104	AC,P5V
Dyna-Gro	D45TC55	TRE	Y*	105	AC,P5V
Ebberts	6138VT2P RIB	VT2P	Y	108	Ebberts
Ebberts	6626VT2P RIB	VT2P	Y	106	Ebberts
Ebberts	7209TR RIB	TRE	Y	108	Ebberts
FS InVision	FS 5525VDG RIB	VT2P	Y	105	AC,P2
FS InVision	FS 5725X RIB	STX	Y	107	AC,P5V
FS InVision	FS 5815V RIB	VT2P	Y	108	AC,P5V
FS InVision	FS 5829V RIB	VT2P	Y	108	AC,P5V,Va
Golden Harvest	G08R52-V	V	Y	108	AVC,C2,CM,C5,Vi,Va
Integra	5443 DGVT2PRIB	VT2PDG	N	104	AC,P5V
Integra	5533 STXRIB	STX	N	105	Treated
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P5V,SU+Zn
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
NK Brand	NK0696-D	D	Y	106	AVC,C2,Vi,Va
Pioneer	P0720Q CK	QR	Y	107	Lum
Renk	RK625DGVT2P	VT2PDG	N	104	AC,P2
Renk	RK700SSTX	STX	N	108	AC,P5V
Renk	RK710DGVT2P	VT2PDG	Y	107	AC,P2
Renk	RK715SSTX	STX	Y	105	AC,P5V
Renk	RK774VT2P	VT2P	N	108	AC,P2
Rob-See-Co	D05-16	VT2P	Y	105	AC,P2,Sb
Rob-See-Co	RC5323-DV	DV	Y	103	CM,C2,Vi
Rob-See-Co	RC5768-VT2P	VT2P	Y	107	AC,P2,Sb
Rob-See-Co	RC6038-DV	DV	Y	108	CM,C2,Vi
Seed Consultants	SC1042Q	QR	Y	104	Lum, L1
Seed Consultants	SC1071AM	AM	Y	107	Lum
Wyckoff	2440 SS RIB	STX	Y	106	AC,P5V
Wyckoff	2515 VT2P RIB	VT2P	Y	107	CM,C2,Vi
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,B300

\* 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.

## 2022 Corn - Ohio Northwest [ OHNW ]

### Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1961 TRE	TRE	N	111	CM,C2
Augusta	A4961-5122-EZ	D	Y	111	CM,C2,Vi
Augusta	A6262	VT2P	Y	112	Treated
Dyna-Gro	D49VC53	VT2P	N	109	AC,P5V
Dyna-Gro	D50VC78	VT2P	N	110	AC,P5V
Dyna-Gro	D51VC67RIB	VT2P	N	110	AC,P5V
Ebberts	6220VT2P RIB	VT2P	Y	110	Ebberts
Ebberts	6883DGV2P RIB	VT2PDG	Y	112	Ebberts
Ebberts	7722TR RIB	TRE	Y	112	Ebberts
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6194V RIB	VT2P	Y	111	AC,P5V
FS InVision	FS 6217T RIB	TRE	Y	112	AC,P5V
FS InVision	FS 6225L1 EZR	AA	Y	112	AVC5,Vi
Golden Harvest	G10L16-DV	DV	Y	110	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G11V76-AA	AA	Y	111	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G12S75-D	D	Y	112	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1082-DV	DV	Y	110	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1188-D	D	Y	111	AVC,C5,Vi
NK Brand	NK1239-D	D	Y	112	AVC,C2,CM,C5,Vi,Va
Pioneer	P0720Q CK	QR	Y	107	Lum
Renk	RK801SSTX	STX	N	110	AC,P5V
Renk	RK805VT2P	VT2P	N	110	AC,P2
Renk	RK821SSTX	STX	N	111	AC,P5V
Renk	RK826VT2P	VT2P	N	111	AC,P2
Renk	RK830SSTX	STX	N	112	AC,P5V
Rob-See-Co	D10-16	VT2P	Y	110	AC,P2,Sb
Rob-See-Co	D12-49	VT2P	Y	112	AC,P2,Sb
Seed Consultants	SC1093AM	AM	Y	109	Lum, L1
Seed Consultants	SC1112AM	AM	Y	111	Lum
Seed Consultants	SC1122Q	QR	Y	112	Lum
Wyckoff	2667 DGV2P RIB	VT2PDG	Y	111	AC,P2
Wyckoff	2669 SS RIB	STX	Y	111	AC,P5V
Wyckoff	2678 VT2P RIB	VT2P	Y	111	AC,P5V
Wyckoff	2679 DGV2P RIB	VT2PDG	Y	112	AC,P2
Wyckoff	2711 VT2P RIB	VT2P	Y	112	AC,P5V,EDC-B

\* 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

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^	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

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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
QR	Qrome™
STX	SmartStax®
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	VT Double PRO® DroughtGard®

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

## Corn Seed Treatments\*

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NA	Not Available
AC,P2	Acceleron® 250
AC,P2,Sb	Acceleron® 250, SabrEx Inoculant
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B300	Acceleron® Poncho 500/Votivo with B-300 SAT
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+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AVC5,Vi	Avicta® Complete 500, Vibrance®
AVC,C2,CM,C5,Vi,Va	Avicta® Complete 250, CruiserMaxx 500, Vibrance®, Vayantis®
AVC,C2,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
AVC,C5,Vi	Avicta® Complete 500, Vibrance
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
Ebberts	Ebberts Complete Corn (Ebberts Field Seeds)
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	(2022) LumiGEN, Lumisure 1250
Treated	Treated seed, unspecified

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\* Seed treatments may include unspecified plant health promoting components.