

Test by: F.I.R.S.T. MSR, Inc. Columbia, MO

2022 Corn Grain Top 30 Harvest Report

Missouri North [MONO] NOVELTY, MO
Brett & Kaley Wilkerson, Knox County, MO 63460

Early-Season Test	107 - 112 Day CRM B2022MONO05a
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Authority Mtz, Warrant, Enlist
SOIL DESCRIPTION:	Putman silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Strip-Till, very high P, very high K, 6.6 pH, 3.6% OM, 12.7 CEC
PEST MANAGEMENT:	Mesotrione, Parallel Plus, Azoxypop Xtra, Force 6.5g
FERTILITY - Applied N:	130 Fall, 110 Sidedress
Applied N-P-K (units):	240-110-90
SEEDED - RATE - ROW:	May 14 32.4 /A 30" spacing
HARVESTED - STAND:	Oct 9 32.1 /A

TEST COMMENTS:

There was a very small planting window this year due to wet soil conditions. This strip-till plot was planted alongside Brett as he was planting. For the next week, small rain events came through, nothing more than a couple of tenths, and emergence was great. Rainfall was limited during the growing season. Every month was below average except July. July was 1/2" above normal for a total of 4.6" precipitation. The year ended about 7" short of the 10-yr average. A wind event did come through just prior to black layer. Some moderate to severe lodging was noted during harvest. Harvest was slow, carefully picking up lodged plants (all in the same direction) that went over about 2 ft off ground.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank		
Green Valley	GV8212VT2PRIB ↗	VT2P	112	245.2	19.3	1	32.0	1741	1		
Taylor	EXP A-110-23 ↗	VT2P	110	239.9	15.8	5	32.5	1733	2		
FS InVision	FS 6025X RIB ↗	STX	110	238.3	16.7	3	32.0	1714	3		
NuTech	70F6Q ↗	QR	110	237.7	16.7	13	32.0	1709	5		
Lewis	11DT912 ↗	TRE	111	237.2	15.9	9	32.8	1713	4		
Renk	RK805VT2P ↗	VT2P	110	233.1	17.0	4	32.3	1674	6		
Taylor	8013 VT2PDG ↗	VT2PDG	112	231.2	17.9	12	32.5	1653	8		
Renk	RK826VT2P ↗	VT2P	111	231.1	16.5	1	32.0	1664	7		
Integra	6284 VT2PRIB ↗	VT2P	112	230.6	17.6	4	31.8	1651	10		
NuTech	72A8AM ↗	AM	112	230.0	16.9	17	32.3	1652	9		
NK Brand	NK1188-AA ↗	AA	111	229.8	18.4	10	31.3	1639	12		
Taylor	6012 TRE ↗	TRE	111	229.2	16.8	5	31.8	1648	11		
Renk	RK830SSTX ↗	STX	112	228.6	17.5	3	31.8	1638	13		
Burrus	5A84 VT2P ↗	VT2P	111	226.6	17.0	1	32.0	1627	14		
Golden Harvest	G11V76-D ↗	D	111	226.4	17.7	6	32.0	1620	15		
FS InVision	FS 6194V RIB ↗	VT2P	111	224.4	16.7	11	32.0	1613	16		
Green Valley	GV8102VT2PRIB ↗	VT2P	111	223.1	16.7	9	32.3	1604	17		
Dyna-Gro	D52DC82RIB ↗	VT2PDG	112	220.3	16.5	16	32.0	1585	19		
NuTech	72D4AM ↗	AM	112	220.1	16.3	8	32.0	1586	18		
Golden Harvest	G10L16-DV ↗	DV	110	217.9	16.6	8	32.5	1568	20		
NK Brand	NK1082-DV ↗	DV	110	217.5	16.2	8	31.8	1567	21		
Integra	5802 VT2PRIB ↗	VT2P	108	217.0	15.9	14	32.3	1566	22		
FS InVision	FS 6017V RIB ↗	VT2P	110	215.0	15.3	2	32.3	1556	23		
NuTech	70B4AM ↗	AM	110	214.6	15.6	25	32.3	1551	24		
FS InVision	FS 6217T RIB ↗	TRE	112	213.8	17.6	6	31.3	1530	27		
Lewis	12DT302 ↗	TRE	112	213.6	16.4	2	32.0	1539	26		
NuTech	68A9AM ↗	AM	108	213.4	15.4	5	32.8	1543	25		
AgVenture	AV6010AM ↗	AM	110	209.4	16.4	38	32.0	1507	30		
FS InVision	FS 5725X RIB ↗	STX	107	209.3	15.1	26	32.3	1517	28		
Lewis	09DD740 ↗	VT2PDG	109	206.8	15.4	13	31.5	1497	31		
DEKALB	DKC62-70RIB CK	VT2P	112	209.6	16.7	8	32.0	1507	29		
				Averages =	218.8	16.5	9	32.1	1575		
				LSD (0.10) =	14.7	0.7	11				
				LSD (0.25) =	7.7	0.4	6				
				C.V. =	7.3						
										Historic yield: 251.46 bu/a, 5 yr(s)	

William Schelp

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$7.25

Report Date: 10/18/2022

† 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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Brett & Kaley Wilkerson, Knox County, MO 63460

Full-Season Test	113 - 117 Day CRM B2022MONO05b
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
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SOIL DESCRIPTION:	Putman silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Strip-Till, very high P, very high K, 6.6 pH, 3.6% OM, 12.7 CEC
PEST MANAGEMENT:	Mesotrione, Parallel Plus, Azoxypop Xtra, Force 6.5g
FERTILITY - Applied N:	130 Fall, 110 Sidedress
Applied N-P-K (units):	240-110-90
SEEDED - RATE - ROW:	May 14 32.4 /A 30" spacing
HARVESTED - STAND:	Oct 9 32.1 /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 6627T RIB ↗	TRE	116	247.9	20.6	10	32.3	1748	3
Pioneer	P1464AML GC ↗	AML	114	247.1	19.3	3	32.8	1754	1
Lewis	15DT512 ↗	TRE	115	246.8	19.6	1	32.3	1749	2
Taylor	EXP C-114-23 ↗	VT2P	114	246.7	20.7	11	32.0	1740	4
Integra	6493 VT2P ↗	VT2P	114	246.6	21.3	34	32.3	1734	5
NuTech	77A5AM ↗	AM	117	242.6	19.6	1	32.0	1720	6
Taylor	EXP C-117-23 ↗	VT2P	117	241.3	24.4	1	32.0	1670	14
DeKalb	DKC67-94RIB GC ↗	TRE	117	239.6	19.9	1	32.0	1696	8
Lewis	16DP850 ↗	VT2P	116	239.5	20.4	2	32.0	1691	9
Lewis	15DP899 ↗	VT2P	115	239.0	18.0	7	31.8	1707	7
Wyffels	W8306 ↗	VT2P	115	238.9	20.6	2	32.3	1685	10
Taylor	EXP C-116-23 ↗	TRE	116	238.9	21.0	1	32.0	1681	11
FS InVision	FS 6595V RIB ↗	VT2P	115	237.6	21.1	3	32.8	1672	13
Integra	6555 VT2PRIB ↗	VT2P	115	235.5	19.9	2	31.8	1667	15
Wyffels	W7876RIB ↗	VT2P	114	235.4	20.2	2	32.3	1664	16
Integra	6342 TRERIB ↗	TRE	113	233.4	17.4	4	31.8	1673	12
Burrus	6Y61 DGVT2P ↗	VT2PDG	113	232.0	17.9	8	31.5	1658	17
Integra	6410 VT2PRIB ↗	VT2P	114	230.5	19.2	3	32.5	1638	20
AgVenture	AV4313AM ↗	AM	113	230.0	18.2	9	31.8	1642	19
Golden Harvest	G15J91-V ↗	V	115	228.8	22.3	3	32.3	1601	28
Renk	RK958VT2P ↗	VT2P	115	228.5	20.2	5	32.0	1615	25
Green Valley	GV8392VT2PRIB ↗	VT2P	113	228.4	17.2	11	31.8	1638	21
AgVenture	AV7913AM ↗	AM	113	227.6	17.8	2	31.5	1628	22
FS InVision	FS 6625V RIB ↗	VT2P	116	227.2	20.7	12	31.8	1602	27
Hoegemeyer	8303 AM GC ↗	AM	113	226.4	17.9	5	32.0	1619	23
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	226.3	17.9	1	32.0	1618	24
Golden Harvest	G16Q82-AA ↗	AA	116	225.8	21.2	4	32.0	1588	30
NK Brand	NK1661-AA ↗	AA	116	225.5	21.0	2	31.5	1588	31
Taylor	9913 VT2P ↗	VT2P	113	225.2	20.0	10	32.0	1594	29
Burrus	POWER PLUS 6W81AM ↗	AM	113	224.7	18.1	2	31.5	1604	26
DEKALB	DKC62-70RIB CK	VT2P	112	231.7	18.5	1	32.5	1652	18
				Averages =	230.8	19.7	6	32.1	1635
				LSD (0.10) =	12.4	1.1	9		
				LSD (0.25) =	6.5	0.6	5		
				C.V. =	5.9				
william.schelp@firstseedtests.com, (573) 819-7968				Historic yield: 251.46 bu/a, 5 yr(s)					

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$7.25

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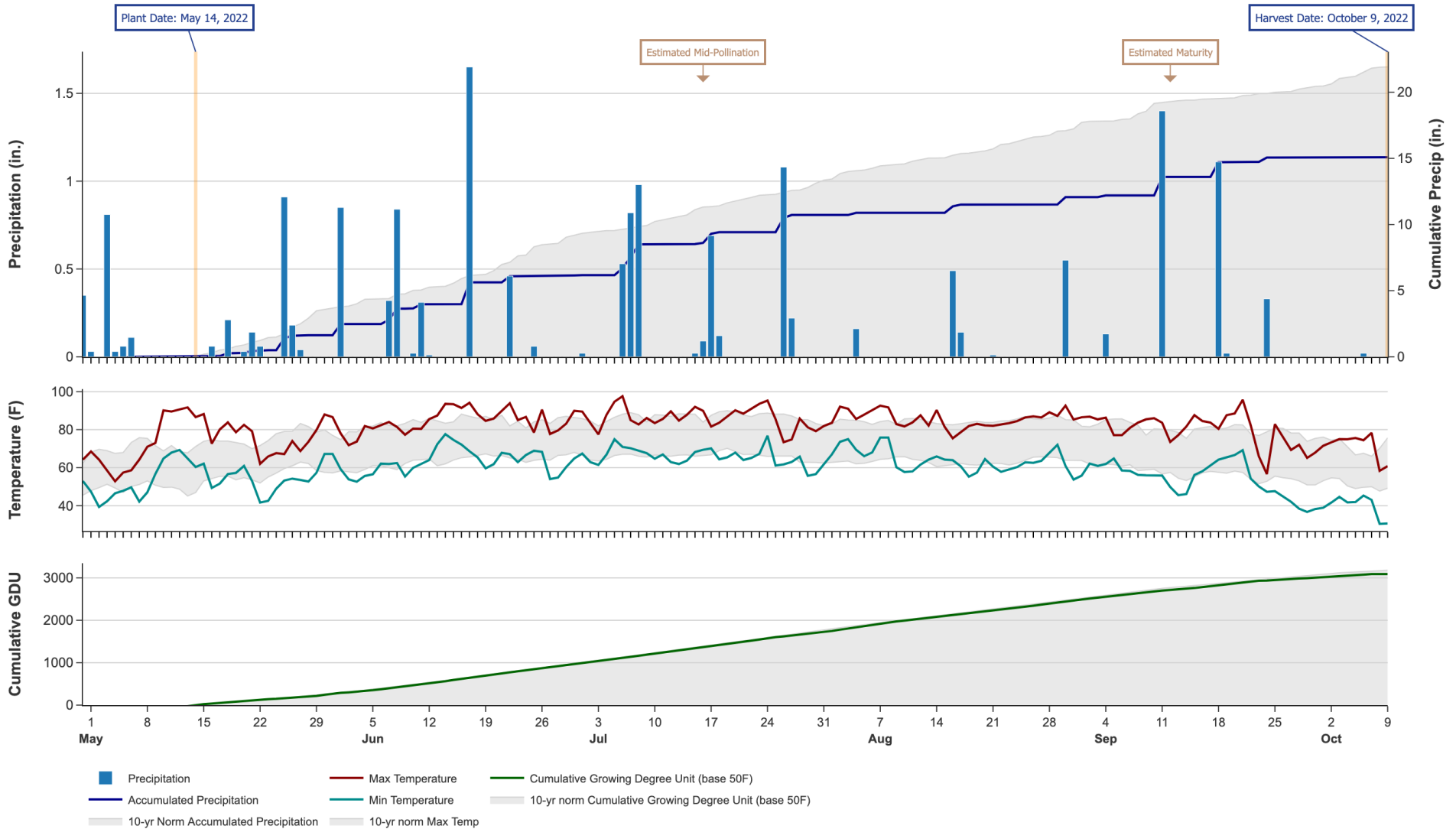
Additional reports available at www.firstseedtests.com

2022 Corn - Missouri North [MONO]

Weather Conditions Summary at NOVELTY, MO

Weather Data Retrieved: 10/18/2022

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.3 0.4 (-0.0)	2.7 5.5 (-2.8)	4.5 5.5 (-1.0)	4.6 4.1 (+0.4)	1.4 3.9 (-2.5)	3.0 3.2 (-0.2)	0.0 1.5 (-1.5)	16.5 24.0 (-7.6)
GDU Normal (Diff)	9 6 (+2)	460 424 (+35)	685 702 (-17)	767 795 (-28)	745 739 (+5)	536 559 (-23)	86 102 (-16)	3288 3330 (-42)



* 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 - Missouri North [MONO]

Early-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV6010AM	AM	Y	110	Treated
AgVenture	AV9610	AM	Y	110	Lum, L1
Burrus	5A84 VT2P	VT2P	Y	111	AC,P5V
Burrus	POWER PLUS 5L44AM	AM	Y	110	BPS
DeKalb	DKC62-70RIB CK	VT2P	Y	112	Treated
Dyna-Gro	D50VC09RIB	VT2P	N	110	AC,P5V
Dyna-Gro	D52DC82RIB	VT2PDG	N	112	AC,P5V
FS InVision	FS 5725X RIB	STX	Y	107	AC,P5V
FS InVision	FS 5829V RIB	VT2P	Y	108	AC,P5V,Va
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
Golden Harvest	G10L16-DV	DV	Y	110	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G11V76-D	D	Y	111	AVC,C2,CM,C5,Vi,Va
Green Valley	GV8022VT2PRIB	VT2P	Y	110	AC250
Green Valley	GV8102VT2PRIB	VT2P	Y	111	AC250
Green Valley	GV8212VT2PRIB	VT2P	Y	112	AC250
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU+Zn
Integra	6284 VT2PRIB	VT2P	Y	112	AC,P5V,SU+Zn
Lewis	09DD740	VT2PDG	Y	109	AC,P5V,EDC-B
Lewis	10DP719	VT2P	Y	110	AC,P5V,EDC-B
Lewis	11DT912	TRE	Y	111	AC,P5V,EDC-B
Lewis	12DT302	TRE	Y	112	AC,P5V,EDC-B
NK Brand	NK1082-DV	DV	Y	110	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1188-AA	AA	Y	111	AVC,C2,CM,C5,Vi,Va
NuTech	68A7AM	AM	Y	108	Lum, L1
NuTech	68A9AM	AM	Y	108	Lum, L1
NuTech	70A8AM	AM	Y	110	Lum, L1
NuTech	70B4AM	AM	Y	110	Lum, L1
NuTech	70F6Q	QR	Y	110	Lum, L1
NuTech	72A8AM	AM	Y	112	Lum, L1
NuTech	72D4AM	AM	Y	112	Lum, L1
Renk	RK805VT2P	VT2P	N	110	AC,P2
Renk	RK826VT2P	VT2P	N	111	AC,P2
Renk	RK830SSTX	STX	N	112	AC,P5V
Taylor	6012 TRE	TRE	N	111	CM,C2
Taylor	8013 VT2PDG	VT2PDG	N*	112	CM,C2
Taylor	EXP A-110-23	VT2P	N	110	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.

2022 Corn - Missouri North [MONO]

Full-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV4313AM	AM	Y	113	Treated
AgVenture	AV7913AM	AM	Y	113	Treated
Burrus	6Y61 DGVT2P	VT2PDG	Y	113	BPS
Burrus	POWER PLUS 6W81AM	AM	Y	113	Lum, L1
DeKalb	DKC62-70RIB CK	VT2P	Y	112	Treated
DeKalb	DKC67-94RIB GC	TRE	Y	117	AC,P5V,EDC-B
Dyna-Gro	D54VC34RIB	VT2P	N	114	AC,P5V
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V
FS InVision	FS 6625V RIB	VT2P	Y	116	AC,P5V,EDC-EL
FS InVision	FS 6627T RIB	TRE	Y	116	AC,P5V,EDC-EL
Golden Harvest	G15J91-V	V	Y	115	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G16Q82-AA	AA	Y	116	AVC,C2,CM,C5,Vi,Va
Green Valley	GV8392VT2PRIB	VT2P	Y	113	AC250
Green Valley	GV8422VT2PRIB	VT2P	Y	114	AC250
Hoegemeyer	8303 AM GC	AM	Y	113	Lum, L1
Integra	6342 TRERIB	TRE	Y	113	AC,P5V,SU+Zn
Integra	6410 VT2PRIB	VT2P	Y	114	AC,P5V,SU+Zn
Integra	6493 VT2P	VT2P	N	114	AC,P5V
Integra	6555 VT2PRIB	VT2P	Y	115	AC,P5V,SU+Zn
Lewis	15DP899	VT2P	Y	115	AC,P2,B360
Lewis	15DT512	TRE	Y	115	AC,P5V,EDC-B
Lewis	16DP850	VT2P	Y	116	AC,P5V,EDC-B
NK Brand	NK1523-V	V	Y	115	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1661-AA	AA	Y	116	AVC,C2,CM,C5,Vi,Va
NuTech	74B6AM	AM	Y	114	Lum, L1
NuTech	74C4AM	AM	Y	114	Lum, L1
NuTech	77A5AM	AM	Y	117	Lum, L1
Pioneer	P1464AML GC	AML	N	114	Lum
Renk	RK895DGVT2P	VT2PDG	N	113	AC,P2
Renk	RK958VT2P	VT2P	N	115	AC,P2
Taylor	8824 VT2P	VT2P	N*	113	CM,C2
Taylor	9913 VT2P	VT2P	N	113	CM,C2
Taylor	EXP C-114-23	VT2P	N	114	AC,P2
Taylor	EXP C-116-23	TRE	N	116	AC,P2
Taylor	EXP C-117-23	VT2P	N	117	AC,P2
Wyffels	W7876RIB	VT2P	Y	114	AC,P2
Wyffels	W7945	TRE	N	114	AC,P2
Wyffels	W8306	VT2P	N	115	AC,P2
Wyffels	W8936DGRIB	VT2PDG	Y	117	AC,P2

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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

AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
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®

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

Corn Seed Treatments*

NA	Not Available
AC250	Acceleron® 250
AC,P2	Acceleron® 250
AC,P2,B360	Acceleron® 250 with BioRise™ B-360 ST
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+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AVC,C2,CM,C5,Vi,Va	Avicta® Complete 250, CruiserMaxx 500, Vibrance®, Vayantis®
BPS	Burrus PowerShield
CM,C2	CruiserMaxx® 250
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	(2022) LumiGEN, Lumisure 1250
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.