

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

2023 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
B2023MONO05a

Top 30 of 44 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, 6.3 pH, 2.5% OM, 13.2 CEC

PEST MANAGEMENT: Degree Xtra, Mesotrione,
Veltyma, Force 6.5g

FERTILITY - Applied N: 145 Fall, 80 Sidedress

Applied N-P-K (units): 225-110-90

SEEDED - RATE - ROW: Apr 13 32.4 /A 30" spacing

HARVESTED - STAND: Sep 29 32.0 /A

TEST COMMENTS:

The plot had great soil conditions at planting. This was followed by a season-long drought that was relentless. There was less than 4" of rainfall from planting through June. Half the average precipitation fell and was available to the crop by maturity. Ears had zipper pattern and tip back at harvest, and plants were short statured. Given this extremely tough and prolonged drought this area experienced, some hybrids really held their own.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Lewis	11DT912 TRE ↗	TRE	111	184.8	15.4	1	31.5	848	1	
Wyffels	W6886 ↗	VT2P	111	180.6	16.8	1	32.5	819	2	
Lewis	12DT302 ↗	TRE	112	173.7	16.0	1	31.5	793	3	
ProHarvest	82P62 TRERIB ↗	TRE	112	172.1	14.8	1	31.3	792	4	
Channel	211-11VT2PRIB GC ↗	VT2P	111	171.7	14.6	1	32.8	790	5	
FS InVision	FS 5835V RIB ↗	VT2P	108	171.2	16.0	1	31.8	782	6	
FS InVision	FS 6017V RIB ↗	VT2P	110	167.7	14.6	1	31.8	771	8	
Wyffels	W6215 ↗	TRE	109	167.4	15.0	1	32.0	770	9	
Dyna-Gro	D50VC09RIB ↗	VT2P	110	166.2	14.6	1	32.0	765	10	
NK Brand	NK1082-DV ↗	DV	110	164.6	16.3	1	31.3	750	12	
AgVenture	AV6010AM ↗	AM	110	164.5	15.1	1	32.3	756	11	
FS InVision	FS 6133VDG RIB ↗	VT2PDG	111	161.9	16.4	1	32.0	737	16	
AgriGold	A642-05VT2RIB GC ↗	VT2P	112	161.7	14.4	1	31.8	744	13	
Taylor	6010 TRE ↗	TRE	110	161.5	13.8	1	32.3	742	14	
Wyffels	W7048 ↗	STX	111	160.4	15.0	1	32.3	738	15	
FS InVision	FS 6025X RIB ↗	STX	110	160.3	15.2	1	30.8	737	17	
AgVenture	AV2411AM ↗	AM	111	158.9	15.6	1	32.0	728	18	
Green Valley	GV8233PWE ↗	PCE	112	157.6	15.3	1	32.3	723	19	
ProHarvest	6893 V ↗	V	108	157.2	14.4	1	32.0	723	20	
NuTech	72A8AM ↗	AM	112	156.5	15.7	1	31.8	716	21	
Golden Harvest	G11V76-AA ↗	AA	111	156.2	18.4	1	32.3	700	29	
AgVenture	AV3715AM GC ↗	AM	115	155.5	16.9	1	32.3	705	23	
Golden Harvest	G10B61-AA ↗	AA	110	155.1	16.8	1	32.3	703	25	
Renk	RK773TRE ↗	TRE	109	154.8	15.0	1	31.8	712	22	
NuTech	70B4AM ↗	AM	110	153.7	15.4	1	32.0	705	24	
Green Valley	GV8022VT2PRIB ↗	VT2P	110	153.3	15.6	1	32.0	702	26	
Hoegemeyer	8110AM GC ↗	AM	111	153.3	15.7	1	32.0	701	27	
Renk	RK766SSPRO ↗	STXP	109	152.4	13.6	1	32.3	701	28	
Burrus	POWER PLUS 5J21AM ↗	AM	110	151.9	15.1	1	31.8	698	30	
Taylor	8013 VT2PDG ↗	VT2PDG	112	151.8	14.7	1	32.5	698	31	
HOEGEMEYER	8268Q CK	QR	112	170.9	16.4	1	32.3	777	7	
				Averages =	157.3	15.6	1	32.0	719	
				LSD (0.10) =	8.6	0.5	ns			
				LSD (0.25) =	4.5	0.3	ns			
				C.V. =	6.0					
								Historic yield: 245.83 bu/a, 6 yr(s)		

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$4.60

Report Date: 10/02/2023

† 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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Brett & Kaley Wilkerson, Knox County, MO 63460

Full-Season Test 113 - 117 Day CRM
B2023MONO05b

Top 30 of 44 For Gross Income
(Sorted by Yield)
Average of (4) Replications

PREV. CROP/HERB: Soybeans / Authority Mtz,
Warrant, Enlist

SOIL DESCRIPTION: Putman silt loam, moderately
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SOIL CONDITION: Strip-Till, very high P, very high
K, 6.3 pH, 2.5% OM, 13.2 CEC

PEST MANAGEMENT: Degree Xtra, Mesotrione,
Veltyma, Force 6.5g

FERTILITY - Applied N: 145 Fall, 80 Sidedress

Applied N-P-K (units): 225-110-90

SEEDED - RATE - ROW: Apr 13 32.4 /A 30" spacing

HARVESTED - STAND: Sep 29 31.9 /A

TEST COMMENTS:

The plot had great soil conditions at planting. This was followed by a season-long drought that was relentless. There was less than 4" of rainfall from planting through June. Half the average precipitation fell and was available to the crop by maturity. Ears had zipper pattern and tip back at harvest, and plants were short statured. Given this extremely tough and prolonged drought this area experienced, some hybrids really held their own.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Taylor	6015 TRE ↗	TRE	115	180.6	18.7	1	31.5	807	1
FS InVision	FS 6627T RIB ↗	TRE	116	179.1	20.2	1	32.8	791	3
AgriGold	A643-52VT2RIB GC ↗	VT2P	113	175.6	17.5	1	32.5	792	2
FS InVision	FS 6595V RIB ↗	VT2P	115	170.3	20.1	1	32.5	753	4
Lewis	17DP651 ↗	VT2P	117	166.9	24.0	1	32.3	715	17
Taylor	EXP C-115-23 ↗	VT2P	115	164.6	20.4	1	32.5	726	10
FS InVision	FS 6432P RIB ↗	STXP	114	164.5	15.6	1	32.3	753	5
Renk	RK958VT2P ↗	VT2P	115	164.0	16.1	1	32.3	748	6
Golden Harvest	G16Q82-AA ↗	AA	116	162.0	22.2	1	32.0	704	20
Wyffels	W8306RIB ↗	VT2P	115	161.5	19.8	1	32.3	716	16
Wyffels	W8108 ↗	STX	114	161.5	16.8	1	30.8	733	8
Wyffels	W8086 ↗	VT2P	114	161.4	18.0	1	31.8	726	11
AgriGold	A645-16VT2RIB GC ↗	VT2P	115	161.2	18.2	1	31.8	723	13
NK Brand	NK1523-V ↗	V	115	159.8	24.6	1	31.5	682	30
Green Valley	GV8212VT2PRIB ↗	VT2P	112	159.8	17.3	1	32.0	722	14
Green Valley	GV8422VT2PRIB ↗	VT2P	114	158.7	15.3	1	32.0	728	9
Taylor	9913 VT2P ↗	VT2P	113	157.9	15.5	1	31.8	724	12
FS InVision	FS 6625V RIB ↗	VT2P	116	157.7	15.8	1	32.8	721	15
Renk	RK876VT2P ↗	VT2P	113	157.1	16.8	1	31.5	713	18
Taylor	6014 TRE ↗	TRE	114	156.9	19.3	1	31.8	698	23
NuTech	75C1AM ↗	AM	115	156.8	20.2	1	32.0	693	25
Burrus	7F33 VT2P ↗	VT2P	114	155.9	16.1	1	31.8	711	19
AgVenture	AV2816AM ↗	AM	116	155.5	19.4	1	31.0	691	27
Renk	RK895DGV2P ↗	VT2PDG	113	154.1	16.6	1	32.0	701	21
Lewis	14DT603 ↗	TRE	114	154.0	17.4	1	32.3	696	24
NuTech	74A9AM ↗	AM	114	153.9	17.9	1	32.3	692	26
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	152.9	15.6	1	32.3	700	22
Renk	RK915VT2P ↗	VT2P	115	151.9	17.0	1	32.0	688	29
Burrus	7P71 VT2P ↗	VT2P	115	150.8	15.9	1	32.3	689	28
Lewis	15DT512 ↗	TRE	115	150.6	17.4	1	32.3	680	31
HOEGEMEYER	8268Q CK	QR	112	163.6	16.6	1	32.5	744	7

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Averages = **151.8** **18.3** **1** **31.9** **681**

LSD (0.10) = 7.6 1.1 ns

LSD (0.25) = 4.0 0.6 ns

C.V. = 5.5 Historic yield: 245.83 bu/a, 6 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$4.60

Report Date: 10/02/2023

† 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

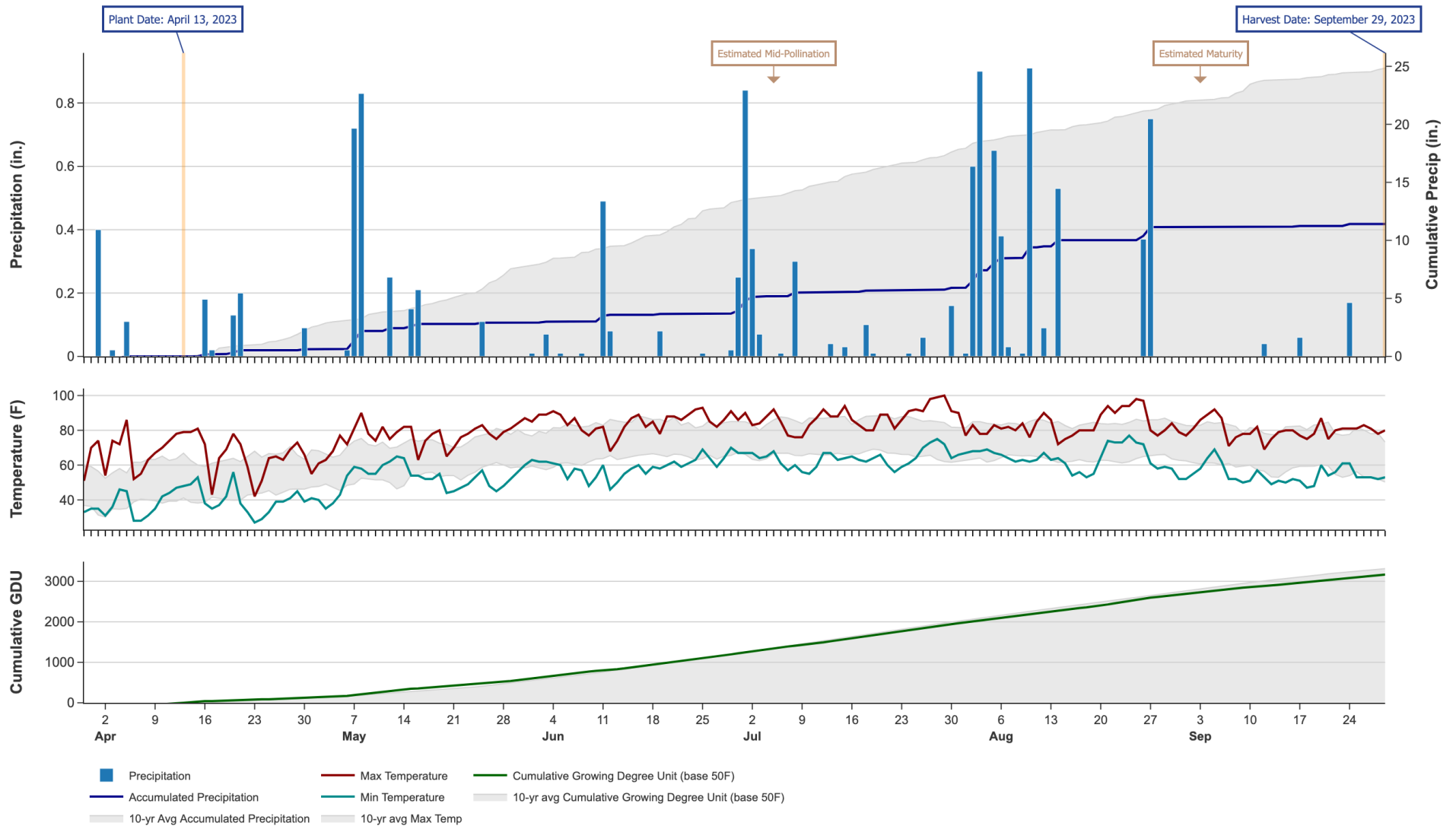
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2023 Corn - Missouri North [MONO]

Weather Conditions Summary at NOVELTY, MO

Monthly Total	Mar*	Apr	May	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	0.0 0.4 (-0.4)	1.1 3.5 (-2.4)	2.3 5.5 (-3.2)	1.0 5.7 (-4.7)	2.0 4.4 (-2.5)	5.2 4.0 (+1.2)	0.3 3.0 (-2.7)	11.9 26.6 (-14.6)
GDU Avg (Diff)	10 0 (+10)	242 165 (+76)	452 416 (+35)	640 704 (-64)	744 785 (-41)	706 740 (-34)	496 554 (-58)	3290 3366 (-76)



* 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 - Missouri North [MONO]

Early-Season Test Products (44 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A642-05VT2RIB	VT2P	Y	112	Treated
AgVenture	AV2411AM	AM	Y	111	Lum, L1
AgVenture	AV3715AM	AM	Y	115	Treated
AgVenture	AV6010AM	AM	Y	110	Lum, L1
AgVenture	AV9412AM	AM	Y	112	Lum, L1
Burrus	5A84 VT2P	VT2P	Y	111	Lum, L1-2023
Burrus	POWER PLUS 5J21AM	AM	Y	110	Lum, L1
Channel	211-11VT2PRIB	VT2P	Y*	111	AC,P5V
DeKalb	DKC59-82RIB	VT2P	Y	109	Treated
Dyna-Gro	D50VC09RIB	VT2P	Y*	110	AC,P5V
FS InVision	FS 5835V RIB	VT2P	Y	108	AC,P5V,EDC-EL
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
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Va
Golden Harvest	G11V76-AA	AA	Y	111	CM,C5,Va
Green Valley	GV8022VT2PRIB	VT2P	Y	110	AC,P5V
Green Valley	GV8102VT2PRIB	VT2P	Y	111	AC,P5V
Green Valley	GV8233PWE	PCE	N	112	AC,P5V
Hoegemeyer	8110AM	AM	Y	111	Lum, L1
Hoegemeyer	8268Q	QR	Y	112	Lum, L1
Lewis	11DT912 TRE	TRE	Y	111	AC,P5,B360
Lewis	12DT302	TRE	Y	112	AC,P5,B360
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
NuTech	68A7AM	AM	Y	108	Lum, L1
NuTech	70B4AM	AM	Y	110	Lum, L1
NuTech	71A2AM	AM	Y	111	Lum, L1
NuTech	72A8AM	AM	Y	112	Lum, L1
NuTech	72D4AM	AM	Y	112	Lum, L1
Pioneer	P1222AM	AM	Y	112	Treated
ProHarvest	6893 V	V	Y	108	CM,C2,Vi
ProHarvest	82P62 TRERIB	TRE	Y	112	AC,P5V,Va
Renk	RK766SSPRO	STXP	N	109	AC,P5V,B300
Renk	RK773TRE	TRE	N	109	AC,P5V,B300
Renk	RK811PWE	PCE	N	111	Lum,P5V
Taylor	6010 TRE	TRE	Y	110	CM,C2
Taylor	8013 VT2PDG	VT2PDG	N*	112	CM,C2
Taylor	EXP D-112-23	PC	N	112	CM,C2
Wyffels	W6215	TRE	N	109	CM,C2,Vi,Va

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W6886	VT2P	N	111	AC,P5
Wyffels	W7048	STX	N	111	AC,P5

* 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 - Missouri North [MONO]

Full-Season Test Products (44 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A643-52VT2RIB	VT2P	Y	113	AC,P5V
AgriGold	A645-16VT2RIB	VT2P	Y	115	AC,P5V
AgVenture	AV2816AM	AM	Y	116	Lum, L1
AgVenture	AV3213AM	AM	Y	113	Lum, L1
AgVenture	AV3514AML	AML	Y	114	Lum, L1
Burrus	7F33 VT2P	VT2P	Y	114	Lum, L1-2023
Burrus	7P71 VT2P	VT2P	Y	115	AC,P5V,EDC-B
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V,EDC-EL
FS InVision	FS 6432P RIB	STXP	Y	114	AC,P5V,EDC-EL
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V,EDC-EL
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	G13B17-AA	AA	Y	113	CM,C5,Va
Golden Harvest	G16Q82-AA	AA	Y	116	CM,C5,Va
Green Valley	GV8212VT2PRIB	VT2P	Y	112	AC,P5V
Green Valley	GV8422VT2PRIB	VT2P	Y	114	AC,P5V
Green Valley	GV8433PWE	PCE	N	114	AC,P5V
Hoegemeyer	8268Q	QR	Y	112	Lum, L1
Hoegemeyer	8397Q	QR	Y	113	Lum, L1
Lewis	14DT603	TRE	Y	114	AC,P5,B360
Lewis	15DT512	TRE	Y	115	AC,P5,B360
Lewis	17DP651	VT2P	Y	117	AC,P5,B360
NK Brand	NK1523-V	V	Y	115	CM,C5,Va
NuTech	73A4AM	AM	Y	113	Lum, L1
NuTech	74A9AM	AM	Y	114	Lum, L1
NuTech	74C4AM	AM	Y	114	Lum, L1
NuTech	75C1AM	AM	Y	115	Lum, L1
NuTech	77A5AM	AM	Y	117	Lum, L1
ProHarvest	84P32 PCE	PCE	N	114	AC,P5V,Va
ProHarvest	85P67 PCE	PCE	N	115	AC,P5V,Va
Renk	RK876VT2P	VT2P	N	113	AC,P5V,B300
Renk	RK895DGV2P	VT2PDG	N	113	AC,P2
Renk	RK915VT2P	VT2P	N	115	AC,P2
Renk	RK958VT2P	VT2P	N	115	AC,P2
Taylor	6014 TRE	TRE	N	114	AC,P2
Taylor	6015 TRE	TRE	N	115	CM,C2
Taylor	9913 VT2P	VT2P	N	113	CM,C2
Taylor	EXP A-115-23	3110	N	114	CM,C2
Taylor	EXP C-115-23	VT2P	N	115	AC,P2
Wyffels	W7876RIB	VT2P	Y	114	AVC,C2,Vi,Va
Wyffels	W7945RIB	TRE	Y*	114	AVC,C2,Vi,Va
Wyffels	W8086	VT2P	N	114	AC,P5

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W8108	STX	N	114	AC,P5
Wyffels	W8306RIB	VT2P	Y*	115	AVC,C2,Vi,Va

* 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

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)
AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
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
AC,P2	Acceleron® 250
AC,P5	Acceleron® 500
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-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,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AVC,C1,Va	Avicta® Complete 1250 with Vayantis®
AVC,C2,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
Lum, L1	LumiGEN, Lumisure 1250
Lum, L1-2023	LumiGEN 1250, Zeltera, Lumivia, Lumialza, Serifel®, Lumiflex, 2023
Lum,P5V	LumiGEN™ Poncho 500/Votivo
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.