

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

2024 Corn Grain Top 30 Harvest Report

Missouri North [MONO] GREENTOP, MO
Terry Sevits, Schuyler County, MO 63546

Early-Season Test	107 - 112 Day CRM B2024MONO04a
Top 30 of 35	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Liberty
SOIL DESCRIPTION:	Lamoni loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, low P, low K, 6.1 pH, 2.8% OM, 12.6 CEC
PEST MANAGEMENT:	Atrazine, Armezon Pro, Force 6.5g
FERTILITY - Applied N:	180 Fall
Applied N-P-K (units):	180-50-100
SEDED - RATE - ROW:	Apr 13 30.4 /A 30" spacing
HARVESTED - STAND:	Sep 19 29.9 /A

TEST COMMENTS:

This plot was planted early in the first half of April. Grain dry down was super fast. Plants were on the shorter side of the spectrum. Some hybrid-specific cobs were lower on plants – some at just over 2 feet above ground level. At harvest, the stalk strength was excellent. Spongy cobs were noticeable. A good north-central Missouri hill ground trial.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6042F RIB ↗	VT4P	110	230.7	17.9	1	29.3	848	3
Taylor	EXP D-112-24 ↗	PCE	112	229.6	16.5	1	29.7	853	1
Green Valley	EXP8253 ↗	PCE	111	228.6	16.0	1	30.3	852	2
Wyffels	W6505 ↗	TRE	110	226.7	16.7	1	30.5	841	4
Taylor	8013 VT2PDG ↗	VT2PDG	112	224.0	16.5	1	30.5	832	5
NuTech	70F6V ↗	VE	110	223.1	16.5	1	30.0	829	6
Taylor	EXP C-111-24 ↗	VT4P	111	222.3	17.9	1	30.0	816	7
AgVenture	AV4112PCE ↗	PCE	112	219.1	16.9	1	30.0	812	9
Burrus	POWER PLUS 4V73AM ↗	AM	109	216.4	16.4	1	29.8	804	11
NK Brand	NK1056-V ↗	V	110	215.4	16.2	1	29.8	802	12
NuTech	69C7PCE ↗	PCE	109	215.2	15.6	1	30.0	805	10
FS InVision	FS 6133VDG RIB ↗	VT2PDG	111	215.1	19.1	1	30.3	783	19
DeKalb	DKC62-70RIB GC ↗	VT2P	112	215.0	16.4	1	29.8	800	13
AgVenture	AV3310PCE ↗	PCE	110	214.8	16.8	1	30.3	796	16
ProHarvest	82P62 TRERIB ↗	TRE	112	214.6	16.4	1	29.5	798	15
NuTech	72C1PCE ↗	PCE	112	214.0	16.3	1	30.0	796	17
Hoegemeyer	8262PCE GC ↗	PCE	112	213.9	16.9	1	30.0	792	18
FS InVision	FS 6248V RIB ↗	VT2P	112	213.5	15.6	1	30.0	799	14
NuTech	71A7V ↗	VE	111	211.0	17.0	1	30.3	781	22
NK Brand	NK1188-AA ↗	AA	111	209.7	17.6	1	29.8	772	28
Burrus	4W42 PCE ↗	PCE	108	209.6	16.0	1	29.5	782	20
FS InVision	FS 6137PC RA ↗	PCE	111	209.5	16.2	1	30.3	780	23
AgVenture	AV9412AM ↗	AM	112	209.2	16.2	1	29.8	779	24
ProHarvest	80P75 PCE ↗	PCE	110	209.0	15.6	1	29.3	782	21
ProHarvest	X23730 ↗	VT2P	112	208.9	16.6	1	30.5	775	25
NK Brand	NK0880-V ↗	V	108	207.8	16.4	1	29.5	773	26
Green Valley	EXP8153 ↗	PCE	111	207.4	16.1	1	30.8	773	27
NK Brand	NK1228-AA ↗	AA	112	206.8	18.0	1	29.0	759	30
NuTech	70B4AM ↗	AM	110	204.5	16.3	1	29.8	761	29
AgVenture	AV2208V ↗	VE	108	202.9	16.0	1	29.5	757	31
HOEGEMEYER	8365PCE CK	PCE	113	219.6	16.8	1	30.0	814	8
				Averages =	213.6	16.7	1	29.9	792
				LSD (0.10) =	10.3	0.8	ns		
				LSD (0.25) =	5.4	0.4	ns		
				C.V. =	5.3				
								Historic yield: 186.78 bu/a, 12 yr(s)	

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.76

Report Date: 09/20/2024

† 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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Full-Season Test	113 - 117 Day CRM B2024MONO04b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
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PEST MANAGEMENT:	Atrazine, Armezon Pro, Force 6.5g
FERTILITY - Applied N:	180 Fall
Applied N-P-K (units):	180-50-100
SEDED - RATE - ROW:	Apr 13 30.4 /A 30" spacing
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TEST COMMENTS:

This plot was planted early in the first half of April. Grain dry down was super fast. Plants were on the shorter side of the spectrum. Some hybrid-specific cobs were lower on plants – some at just over 2 feet above ground level. At harvest, the stalk strength was excellent. Spongy cobs were noticeable. A good north-central Missouri hill ground trial.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Taylor	6015 TRE ↗	TRE	115	239.4	17.0	1	30.7	886	1
FS InVision	FS 6447T RIB ↗	TRE	114	234.7	17.5	1	28.5	865	2
AgVenture	AV9916AM ↗	AM	116	233.1	19.1	1	30.3	848	3
Taylor	9951 ↗	VT2P	115	228.3	18.0	1	29.5	838	6
FS InVision	FS 6349PC RA ↗	PCE	113	228.1	17.3	1	29.8	842	4
Taylor	EXP C-115-24 ↗	TRE	115	228.0	17.4	1	28.7	841	5
Taylor	9913 VT2P ↗	VT2P	113	225.7	18.3	1	30.7	826	9
FS InVision	FS 6545V RIB ↗	VT2P	115	225.4	17.5	1	30.5	831	7
Pioneer	P14830AML GC ↗	AML	114	225.1	18.0	1	29.3	826	10
ProHarvest	85P58 VT2PRIB ↗	VT2P	115	225.0	17.7	1	29.3	828	8
NK Brand	NK1386-VZ ↗	VZ	113	221.9	18.0	1	31.3	815	12
Green Valley	8212 ↗	VT2P	113	221.7	17.1	1	29.3	820	11
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	220.7	18.7	1	30.3	805	13
NK Brand	NK1523-V ↗	V	115	220.6	19.5	1	30.0	800	16
FS InVision	FS 6747T RIB ↗	TRE	117	219.8	19.4	1	29.8	797	18
Wyffels	W8086RIB ↗	VT2P	114	219.6	18.4	1	30.3	803	15
NuTech	75C1PCE ↗	PCE	115	218.9	18.0	1	29.5	804	14
ProHarvest	83P66 VT2PRIB ↗	VT2P	113	216.6	17.7	1	30.3	797	19
Green Valley	8352 ↗	VT2P	113	216.5	17.8	1	30.3	796	20
AgVenture	AV4713PCE ↗	PCE	113	216.5	17.5	1	30.0	798	17
NuTech	73A4AM ↗	AM	113	215.9	18.0	1	29.5	792	22
NuTech	74A5PCE ↗	PCE	114	215.1	17.9	1	30.5	790	23
Wyffels	W7945RIB ↗	TRE	114	214.9	17.3	1	29.8	794	21
Burrus	8M81 TRE ↗	TRE	117	214.0	19.2	1	30.0	778	25
Taylor	6014 TRE ↗	TRE	114	212.8	18.1	1	30.0	780	24
Green Valley	8422 ↗	VT2P	114	210.9	20.7	1	30.0	757	30
Green Valley	8433 ↗	PCE	114	209.5	17.0	1	30.0	775	27
AgVenture	AV3514AML ↗	AML	114	209.2	18.8	1	30.5	763	29
NuTech	72D4AM ↗	AM	112	206.5	16.6	1	30.3	767	28
Burrus	6N54 VT2P ↗	VT2P	113	206.3	18.1	1	30.0	756	31
HOEGEMEYER	8365PCE CK	PCE	113	211.1	17.6	1	29.5	777	26

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Averages = **217.0** **18.1** **1** **29.9** **796**

LSD (0.10) = 11.3 0.9 ns

LSD (0.25) = 5.9 0.5 ns

C.V. = 5.7

Historic yield: 186.78 bu/a, 12 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.76

Report Date: 09/20/2024

† 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

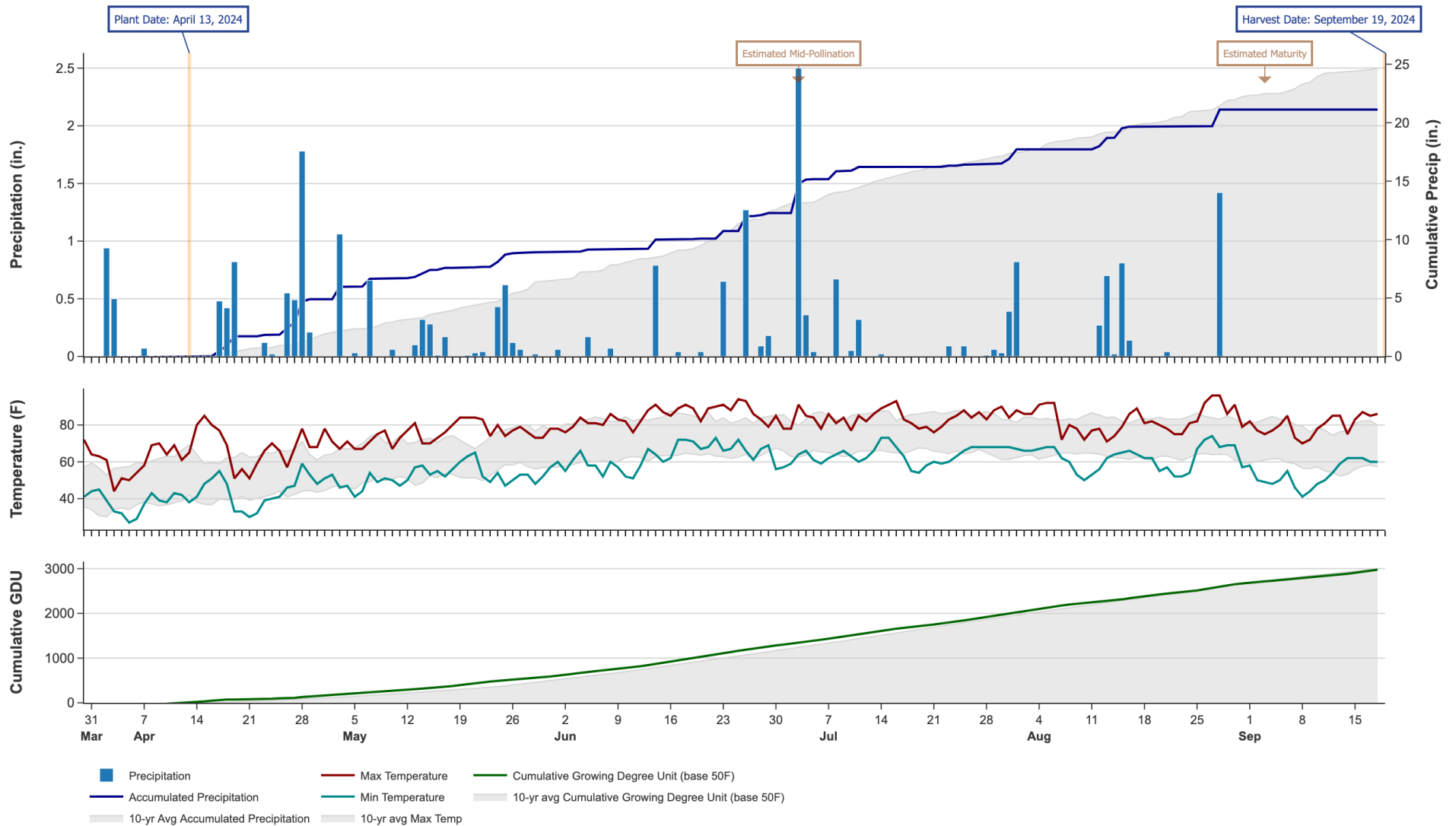
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2024 Corn - Missouri North [MONO]

Weather Conditions Summary at GREENTOP, MO

Monthly Total	Mar*	Apr	May	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	0.0 0.4 (-0.4)	6.4 2.7 (+3.7)	4.0 4.8 (-0.8)	3.4 6.1 (-2.7)	4.6 4.8 (-0.2)	4.2 4.8 (-0.6)	0.0 2.4 (-2.4)	22.6 26.0 (-3.4)
GDU Avg (Diff)	18 0 (+18)	210 125 (+84)	440 388 (+51)	694 680 (+13)	718 769 (-51)	670 720 (-50)	308 338 (-30)	3058 3023 (+34)



* 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.

2024 Corn - Missouri North [MONO]

Early-Season Test Products (35 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV2208V	VE	Y	108	Lum, L1
AgVenture	AV3310PCE	PCE	Y	110	Lum, L1
AgVenture	AV4112PCE	PCE	Y	112	Lum, L1
AgVenture	AV6010AM	AM	Y	110	Lum
AgVenture	AV9412AM	AM	Y	112	Lum
Burrus	4W42 PCE	PCE	Y	108	Lum, L1
Burrus	POWER PLUS 4V73AM	AM	Y	109	Lum, L1
DeKalb	DKC62-70RIB GC	VT2P	Y	112	AC,P5V
FS InVision	FS 6042F RIB	VT4P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6133VDG RIB	VT2PDG	Y	111	AC,P5V
FS InVision	FS 6137PC RA	PCE	N	111	AC,P5V
FS InVision	FS 6245V RIB	VT2P	Y	112	AC,P5V,EDC-EL
FS InVision	FS 6248V RIB	VT2P	Y	112	CM,C5,Vi
Green Valley	8233	PCE	N	112	AC,P2
Green Valley	EXP8153	PCE	Y	111	AC,P5V
Green Valley	EXP8253	PCE	Y	111	AC,P5V
Hoegemeyer	8262PCE GC	PCE	Y	112	Lum, L1
Hoegemeyer	8365PCE CK	PCE	Y	113	Lum, L1
NK Brand	NK0880-V	V	Y	108	CM,C1,Vi,Va
NK Brand	NK1056-V	V	Y	110	CM,C2,Vi,Va
NK Brand	NK1188-AA	AA	Y	111	CM,C5,Vi,Va
NK Brand	NK1228-AA	AA	Y	112	CM,C1,Vi,Va
NuTech	69C7PCE	PCE	Y	109	LumPro P2
NuTech	70B4AM	AM	Y	110	LumPro P2
NuTech	70F6V	VE	Y	110	LumPro P2
NuTech	71A7V	VE	Y	111	LumPro P2
NuTech	72C1PCE	PCE	Y	112	LumPro P2
ProHarvest	80P75 PCE	PCE	Y	110	AC,P2
ProHarvest	82P62 TRERIB	TRE	Y	112	AC,P5V,Va
ProHarvest	X23730	VT2P	N	112	AC,P5V,Va
Taylor	8013 VT2PDG	VT2PDG	N*	112	AC,P2
Taylor	EXP C-111-24	VT4P	N	111	CM,C2
Taylor	EXP D-112-24	PCE	N	112	CM,C2
Wyffels	W6505	TRE	N	110	AC,P5V
Wyffels	W6886RIB	VT2P	Y*	111	CM,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.

2024 Corn - Missouri North [MONO]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV2816PCE	PCE	Y	116	Lum, L1
AgVenture	AV3213AM	AM	Y	113	Lum
AgVenture	AV3514AML	AML	Y	114	Lum
AgVenture	AV4713PCE	PCE	Y	113	Lum
AgVenture	AV9916AM	AM	Y	116	Lum
Burrus	6N54 VT2P	VT2P	Y	113	AC,P5V,EDC-EL
Burrus	8M81 TRE	TRE	Y	117	AC,P5V,EDC-B
FS InVision	FS 6349PC RA	PCE	Y	113	CM,C2,Vi,Va
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V
FS InVision	FS 6447T RIB	TRE	Y	114	AC,P5V,EDC-EL
FS InVision	FS 6545V RIB	VT2P	Y	115	AC,P5V
FS InVision	FS 6747T RIB	TRE	Y	117	AC,P5V,EDC-EL
Green Valley	8212	VT2P	Y	113	AC,P5V
Green Valley	8352	VT2P	Y	113	AC,P5V
Green Valley	8422	VT2P	Y	114	AC,P2
Green Valley	8433	PCE	N	114	AC,P2
Hoegemeyer	8365PCE CK	PCE	Y	113	Lum, L1
NK Brand	NK1307-DV	DV	Y	113	CM,C1,Vi,Va
NK Brand	NK1386-VZ	VZ	Y	113	CM,C2,Vi,Va
NK Brand	NK1523-V	V	Y	115	CM,C5,Vi,Va
NuTech	72D4AM	AM	Y	112	LumPro P2
NuTech	73A4AM	AM	Y	113	LumPro P2
NuTech	73A6AML	AML	Y	113	LumPro P2
NuTech	74A5PCE	PCE	Y	114	LumPro P2
NuTech	75C1PCE	PCE	Y	115	LumPro P2
Pioneer	P14830AML GC	AML	Y	114	Lum
ProHarvest	83P66 VT2PRIB	VT2P	Y*	113	AC,P5V,Va
ProHarvest	84P14 VT2PRIB	VT2P	Y	114	AC,P5V,Va
ProHarvest	85P58 VT2PRIB	VT2P	Y	115	AC,P5V,Va
Taylor	6014 TRE	TRE	N	114	CM,C2,Vi,Va
Taylor	6015 TRE	TRE	N	115	CM,C2
Taylor	9913 VT2P	VT2P	N	113	CM,C2
Taylor	9951	VT2P	Y	115	CM,C2,Vi,Va
Taylor	EXP C-115-24	TRE	N	115	CM,C2
Wyffels	W7945RIB	TRE	Y*	114	CM,C2,Vi,Va
Wyffels	W8086RIB	VT2P	Y*	114	CM,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

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
PCE	PowerCore® Enlist®
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VE	Vorceed™ Enlist®
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology
VZ	Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330

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

Corn Seed Treatments*

NA	Not Available
AC,P2	Acceleron® 250
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,Va	Acceleron® Poncho 500/Votivo, Vayantis®
CM,C1,Vi,Va	CruiserMaxx® 1250 with Vibrance, Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Vi	CruiserMaxx® 500 with Vibrance
CM,C5,Vi,Va	CruiserMaxx® 500 with Vibrance, Vayantis®
F,I	Fungicide, Insecticide
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
LumPro P2	Lumiscend Pro /Lumiflex fungicide, L-2012R bio-fungicide, Lumisure 250/ Lumivia250 insecticide, Lumialza nematocide

* Seed treatments may include unspecified plant health promoting components.