

2024 Corn Grain Top 30 Region Summary for Missouri North [MONO]

Early-Season Test
107 - 112 Day CRM
 B2024MONOa

Top 30 of 35

For Gross Income (Sorted by Yield), (16) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Cairo	Greentop	Maryville	Novelty	St. Joseph REJECTED	
TAYLOR	EXP D-112-24 ↗	PCE	112	280.0	17.5	1	1031	1	309.5	229.6	278.0	303.1	213.8	
GREEN VALLEY	EXP8253 ↗	PCE	111	278.1	17.0	1	1028	2	315.9	228.6	269.4	298.4	214.6	
TAYLOR	EXP C-111-24 ↗	VT4P	111	275.4	18.9	1	1002	4	302.7	222.3	289.7	286.9	213.9	
WYFFELS	W6505 ↗	TRE	110	275.1	17.4	2	1014	3	318.4	226.7	261.1	294.0	223.4	
FS INVISION	FS 6042F RIB ↗	VT4P	110	272.0	19.0	1	990	6	302.4	230.7	276.1	278.7	230.3	
AGVENTURE	AV3310PCE ↗	PCE	110	269.1	16.9	1	996	5	299.3	214.8	270.5	291.7	220.0	
TAYLOR	8013 VT2PDG ↗	VT2PDG	112	266.3	18.5	1	972	12	293.2	224.0	264.8	283.1	230.3	
NUTECH	71A7V ↗	VE	111	264.9	16.9	1	981	9	282.2	211.0	274.3	292.3	216.6	
BURRUS	POWER PLUS 4V73AM ↗	AM	109	264.8	16.6	1	982	8	290.0	216.4	262.2	290.5	221.1	
AGVENTURE	AV4112PCE ↗	PCE	112	264.7	17.2	2	978	10	298.8	219.1	253.7	287.0	220.6	
NUTECH	70F6V ↗	VE	110	262.3	16.5	1	974	11	271.0	223.1	270.4	284.5	220.0	
DEKALB	DKC62-70RIB GC ↗	VT2P	112	261.8	17.8	1	962	14	290.6	215.0	262.8	279.0	221.1	
BURRUS	4W42 PCE ↗	PCE	108	261.7	16.9	2	968	13	291.5	209.6	260.4	285.3	220.3	
WYFFELS	W6886RIB ↗	VT2P	111	260.7	19.3	3	946	20	297.3	200.7	258.2	286.6	220.9	
PROHARVEST	X23730 ↗	VT2P	112	258.5	17.3	1	953	16	301.9	208.9	247.7	275.3	218.7	
FS INVISION	FS 6133VDG RIB ↗	VT2PDG	111	258.3	18.8	1	942	22	284.3	215.1	245.2	288.5	220.6	
HOEGEMEYER	8262PCE GC ↗	PCE	112	257.9	17.4	1	951	17	281.9	213.9	268.3	267.6	220.8	
FS INVISION	FS 6137PC RA ↗	PCE	111	257.7	16.9	2	954	15	282.0	209.5	253.8	285.5	220.5	
FS INVISION	FS 6245V RIB ↗	VT2P	112	257.2	19.0	3	935	25	305.1	203.7	237.2	282.8	220.7	
PROHARVEST	82P62 TRERIB ↗	TRE	112	256.6	17.1	3	948	18	300.1	214.6	232.4	279.3	220.3	
NUTECH	72C1PCE ↗	PCE	112	255.8	17.1	1	945	21	285.5	214.0	250.3	273.3	220.6	
NUTECH	69C7PCE ↗	PCE	109	255.5	16.6	1	948	19	290.2	215.2	244.7	272.1	220.3	
GREEN VALLEY	EXP8153 ↗	PCE	111	253.3	17.1	1	936	23	278.3	207.4	253.3	274.1	220.7	
FS INVISION	FS 6248V RIB ↗	VT2P	112	253.0	17.0	2	935	24	287.2	213.5	251.3	259.9	220.0	
AGVENTURE	AV9412AM ↗	AM	112	251.7	17.3	2	928	27	293.8	209.2	237.6	266.2	220.2	
NUTECH	70B4AM ↗	AM	110	251.3	16.8	1	931	26	273.9	204.5	258.1	268.6	220.6	
AGVENTURE	AV6010AM ↗	AM	110	249.0	16.7	1	923	28	280.9	199.7	253.9	261.5	213.1	
GREEN VALLEY	8233 ↗	PCE	112	248.5	17.1	1	919	29	278.3	202.1	245.8	267.8	221.3	
NK BRAND	NK1228-AA ↗	AA	112	247.6	18.5	1	905	30	259.5	206.8	255.1	269.1	226.5	
NK BRAND	NK0880-V ↗	V	108	243.8	16.8	1	904	31	270.4	207.8	230.2	267.0	210.2	
HOEGEMEYER	8365PCE CK	PCE	113	268.7	18.0	1	985	7	302.5	219.6	271.8	280.7	226.2	
				Averages =	258.7	17.4	1	953		288.4	213.6	255.5	277.4	225.6
				LSD (0.10) =	8.2	0.6	ns			14.9	10.3	15.8	11.9	18.3
				LSD (0.25) =	4.3	0.3	ns			7.8	5.4	8.3	6.2	9.6

William Schelp
 William Schelp
 william.schelp@firstseedtests.com, (573) 819-7968

Yield variability due to saturated soils

william.schelp@firstseedtests.com, (573) 819-7968 Prev. years average yield for region: 213.77 bu/a, 8 yr(s)

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

† 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 product's results at www.firstseedtests.com. Oil & Protein values average of 1 sample per location. * 3 reps for the site.

Additional reports available at www.firstseedtests.com ©2024, All rights reserved to Farmers' Independent Research of Seed Technologies, LLC.

2024 Corn Grain Top 30 Region Summary for Missouri North [MONO]

Full-Season Test
113 - 117 Day CRM
B2024MONOb

Top 30 of 36

For Gross Income (Sorted by Yield), (20) Replication Average

Company/Brand	Product/Brand	Technol.t	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Cairo	Greentop	Maryville	Novelty	St. Joseph	
TAYLOR	EXP C-115-24 ↗	TRE	115	278.1	18.6	1	1014	1	318.5	228.0	268.1	299.6	276.3	
FS INVISION	FS 6447T RIB ↗	TRE	114	276.9	18.5	1	1010	2	322.3	234.7	271.1	303.7	252.9	
PIONEER	P14830AML GC ↗	AML	114	273.8	18.0	1	1004	3	295.7	225.1	296.1	283.2	268.8	
TAYLOR	9951 ↗	VT2P	115	273.5	18.9	1	995	4	299.7	228.3	293.9	294.9	250.7	
TAYLOR	6015 TRE ↗	TRE	115	271.9	18.7	1	991	5	309.9	239.4	260.4	282.0	267.9	
AGVENTURE	AV9916AM ↗	AM	116	268.9	18.8	1	980	6	286.7	233.1	275.4	290.1	258.9	
FS INVISION	FS 6545V RIB ↗	VT2P	115	267.9	19.2	2	972	8	294.5	225.4	279.5	273.0	267.4	
PROHARVEST	85P58 VT2PRIB ↗	VT2P	115	267.6	18.6	1	975	7	303.1	225.0	266.5	282.6	260.6	
FS INVISION	FS 6395VDG RIB ↗	VT2PDG	113	266.7	19.2	1	968	10	295.9	220.7	279.0	281.2	256.7	
FS INVISION	FS 6349PC RA ↗	PCE	113	265.0	18.2	1	970	9	290.5	228.1	285.6	268.5	252.3	
PROHARVEST	83P66 VT2PRIB ↗	VT2P	113	264.6	18.7	1	964	11	300.7	216.6	253.0	291.7	261.2	
BURRUS	8M81 TRE ↗	TRE	117	264.0	20.5	4	948	19	299.0	214.0	242.8	298.6	265.7	
GREEN VALLEY	8352 ↗	VT2P	113	263.2	19.0	1	957	12	292.1	216.5	277.2	279.6	250.8	
PROHARVEST	84P14 VT2PRIB ↗	VT2P	114	262.9	19.3	1	952	17	296.4	204.2	276.0	281.6	256.5	
WYFFELS	W7945RIB ↗	TRE	114	262.8	19.1	1	955	15	288.9	214.9	274.2	280.5	255.6	
AGVENTURE	AV3514AML ↗	AML	114	261.8	18.7	1	956	14	285.7	209.2	272.2	277.5	264.6	
NUTECH	74A5PCE ↗	PCE	114	260.9	18.5	1	952	16	292.4	215.1	292.5	258.4	246.0	
AGVENTURE	AV4713PCE ↗	PCE	113	260.5	18.4	1	952	18	289.4	216.5	273.4	278.5	244.8	
WYFFELS	W8086RIB ↗	VT2P	114	260.5	19.2	3	945	21	289.3	219.6	255.6	274.5	263.3	
NUTECH	73A6AML ↗	AML	113	259.4	18.8	1	946	20	284.6	194.4	282.9	266.6	268.7	
TAYLOR	6014 TRE ↗	TRE	114	257.4	19.9	1	928	25	293.3	212.8	261.6	266.0	253.3	
FS INVISION	FS 6747T RIB ↗	TRE	117	257.3	21.4	2	916	27	284.1	219.8	238.0	279.5	265.1	
TAYLOR	9913 VT2P ↗	VT2P	113	256.2	19.2	1	929	24	284.3	225.7	260.9	285.2	225.0	
BURRUS	6N54 VT2P ↗	VT2P	113	255.7	18.7	1	932	23	295.4	206.3	261.6	266.7	248.9	
NUTECH	72D4AM ↗	AM	112	254.5	17.7	1	935	22	289.7	206.5	249.3	271.9	255.1	
GREEN VALLEY	8422 ↗	VT2P	114	253.2	20.0	2	913	29	281.2	210.9	268.6	266.0	239.2	
AGVENTURE	AV3213AM ↗	AM	113	252.1	18.4	1	922	26	274.0	202.0	270.0	275.6	239.1	
NUTECH	73A4AM ↗	AM	113	251.2	18.6	1	916	28	295.5	215.9	263.6	240.4	240.6	
GREEN VALLEY	8212 ↗	VT2P	113	249.5	19.0	5	907	30	278.3	221.7	237.3	260.1	250.0	
NK BRAND	NK1386-VZ ↗	VZ	113	246.2	18.4	1	900	31	258.7	221.9	244.7	252.2	253.5	
HOEGEMEYER	8365PCE CK	PCE	113	261.4	18.2	1	957	13	296.2	211.1	279.0	274.3	246.6	
				Averages =	259.2	18.9	1	943		288.7	217.0	266.6	271.7	252.0
				LSD (0.10) =	9.6	0.8	1			13.9	11.3	14.4	13.1	14.6
				LSD (0.25) =	5.0	0.4	1			7.3	5.9	7.5	6.9	7.6

William Schelp
William Schelp
william.schelp@firstseedtests.com, (573) 819-7968

Prev. years average yield for region: 213.77 bu/a, 8 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.76
 † 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 product's results at www.firstseedtests.com. Oil & Protein values average of 1 sample per location.

2024 Corn Grain - 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 Grain - 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 Grain 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 Grain 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 nematicide

* Seed treatments may include unspecified plant health promoting components.