

Missouri Rice Research and Merchandising Council

2020 Missouri Variety Trial Data

Variety	Yield (bu/A)							Lodging (%)							Milling Total (%)		Milling Whole (%)													
	Glennonville, MO		Fisk, MO	Neelyville, MO ¹	Rives, MO	Camalou, MO	AVG	Glennonville, MO		Fisk, MO	Neelyville, MO	Rives, MO	Camalou, MO	AVG	Glennonville, MO	Glennonville, MO														
	Early	Late					Early	Late						Early	Late	Early	Late													
Caffey	206	de	190	b	172	c-f	99	def	166	b-e	177	ab	169	0	b	0	e	0	b	0	-	0	-	0	-	0				
CLM04	204	def	183	bc	165	c-g	106	cde	160	b-e	178	ab	166	0	b	0	e	0	b	0	-	23	-	45	-	11				
Jupiter	201	def	193	b	183	cde	120	b-e	164	b-e	187	a	175	0	b	0	e	0	b	0	-	0	-	23	-	4				
MM17	202	def	196	b	184	cde	103	c-f	165	b-e	169	bcd	170	0	b	0	e	0	b	0	-	0	-	23	-	4				
Titan	200	def	203	b	186	cd	96	def	170	bcd	174	abc	171	0	b	5	e	0	b	0	-	15	-	0	-	3				
CL111	179	g-j	151	de	155	d-g	104	cde	148	d-g	137	fg	146	0	b	8	e	0	b	0	-	0	-	0	-	1				
CL151	191	e-h	191	b	156	d-g	121	b-e	156	b-f	161	de	163	20	b	48	ab	8	b	0	-	15	-	0	-	15				
CL163	192	d-g	182	bc	140	g	77	ef	146	d-g	142	f	147	0	b	15	de	0	b	0	-	5	-	0	-	3				
CLJ01	165	j	158	cd	154	d-g	94	def	129	gh	129	g	138	0	b	0	e	0	b	0	-	0	-	0	-	0				
CLL15	188	e-i	182	bc	190	c	129	bcd	162	b-e	153	e	167	0	b	18	cde	5	b	0	-	0	-	0	-	4				
CLL16	213	cd	195	b	212	b	101	c-f	159	b-e	186	a	178	0	b	5	e	0	b	0	-	0	-	15	-	3				
CLL17	149	k	177	bc	162	c-g	93	def	132	fgh	156	de	145	60	a	43	abc	20	b	0	-	35	-	0	-	26				
CLX54197	194	d-g	187	b	164	c-g	104	cde	150	c-g	164	cde	161	0	b	0	e	0	b	0	-	0	-	0	-	0				
Diamond	208	de	192	b	174	c-f	113	b-e	159	b-e	182	ab	171	0	b	0	e	0	b	0	-	15	-	0	-	3				
Jazzman	184	f-i	175	bc	153	efg	81	ef	141	efg	154	e	148	0	b	0	e	0	b	0	-	15	-	0	-	3				
LaKast	206	de	193	b	179	c-f	129	bcd	160	b-e	170	bcd	173	0	b	3	e	5	b	0	-	0	-	0	-	1				
Mermentau	188	e-i	178	bc	159	c-g	102	c-f	158	b-e	155	e	156	0	b	0	e	0	b	0	-	0	-	0	-	0				
PVL01	172	ij	150	de	152	efg	59	f	119	h	136	fg	131	0	b	3	e	0	b	0	-	0	-	0	-	0				
PVL02	162	j	135	e	149	fg	92	def	143	d-g	130	g	135	0	b	10	e	15	b	0	-	25	-	0	-	8				
Roy J	213	cd	199	b	163	c-g	92	def	154	c-f	186	a	168	0	b	8	e	10	b	0	-	10	-	0	-	5				
RU1801101	193	d-g	180	bc	182	cde	94	def	152	c-g	157	de	160	0	b	8	e	0	b	0	-	48	-	0	-	9				
RU1801169	195	d-g	188	b	172	c-f	79	ef	148	d-g	160	de	157	0	b	0	e	0	b	0	-	5	-	0	-	1				
RT7301	173	hij	159	cd	158	c-g	112	b-e	148	d-g	-	-	150	0	b	0	e	0	b	0	-	13	-	-	-	3				
RT7321 FP	234	ab	190	b	231	b	176	a	182	ab	-	-	202	0	b	33	b-e	10	b	0	-	33	-	-	-	15				
RT7401	226	bc	195	b	236	b	149	ab	165	b-e	-	-	194	10	b	38	bcd	10	b	0	-	28	-	-	-	17				
RT7501	232	ab	199	b	255	a	151	ab	196	a	-	-	207	5	b	23	b-e	8	b	0	-	33	-	-	-	14				
RT7521 FP	229	ab	184	b	221	b	144	abc	175	bc	-	-	191	20	b	63	a	53	a	0	-	28	-	-	-	33				
XP753	245	a	227	a	233	b	168	a	195	a	-	-	214	0	b	28	b-e	20	b	0	-	20	-	-	-	14				
LSD P=.05	12.25		15.39		17.39		25.09		14.57		8.86			13.6		17.9		12.97		-		26.55		26.75						
Standard Deviation	8.70		10.93		12.35		17.83		10.35		6.27			9.7		12.7		9.22		0.00		18.87		18.93						
CV	4.40		5.97		6.87		16.16		6.61		3.91			235.79		100.96		158.80		0.00		145.76		396.68						
Levene's F	1.978		1.435		1.114		1.694		0.839		1.354			3.111		5.652		1.620		0.000		2.730		2.338						
Levene's Prob(F)	0.01*		0.110		0.345		0.036*		0.689		0.177			0.001*		0.001*		0.05*		-		0.001*		0.005*						
Skewness	-0.2357		-0.4222		0.7008*		0.0211		0.0574		-0.1545			4.2866*		2.0395*		2.8575*		-		1.8316*		4.0133*						
Kurtosis	0.3620		0.9124		-0.0378		-0.5649		0.308		-0.9306			19.2245*		4.2557*		7.7385*		-		3.4125*		14.6694*						
Replicate F	0.384		4.234		6.225		34.104		0.76		1.256			1.79		2.039		0.179		0.000		0.450		0.342						
Replicate Prob(F)	0.7649		0.0079		0.0008		0.0001		0.5201		0.2977			0.1557		0.1149		0.9105		1.0000		0.7176		0.7947						
Treatment F	27.697		11.764		23.368		9.652		10.163		31.955			6.402		7.444		5.757		0.000		2.143		1.467						
Treatment Prob(F)	0.0001		0.0001		0.0001		0.0001		0.0001		0.0001			0.0001		0.0001		0.0001		1		0.0046		0.1228						

Coming Soon

Means followed by same letter or symbol do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

* Adjusted means

¹ Late planting, tough growing conditions, and less than optimal flood timing likely contributed to the reduced and highly variable yield at the Neelyville location.