


Missouri Rice Research and Merchandising Council

2018 Missouri Variety Trial Data

	Yield (bu/A)					Lodging (%)						
	Glennonville, MO		Neelyville, MO	Rives, MO	Canalou, MO	AVG	Glennonville, MO		Neelyville, MO	Rives, MO	Canalou, MO	AVG
	Early	Late				Early	Late					
Caffey ⁵	232 bc	185 c-g	166 bcd	114 a-d	180 abc	175	0 d	43 bc	0 c	0 b	0 b	9
CL 111 ²⁰	176 hi	153 fg	129 cde	70 cd	149 cde	135	0 d	24 bc	5 c	10 ab	0 b	8
CL 151 ¹⁷	195 fg	- -	141 b-e	87 a-d	157 b-e	145	3 d	88 a	20 bc	5 b	23 ab	28
CL 153 ¹⁹	191 fgh	157 fg	122 def	86 a-d	146 cde	140	0 d	0 c	28 abc	0 b	0 b	6
CL 163 ²³	182 ghi	162 efg	91 f	88 a-d	137 de	132	8 d	11 bc	0 c	23 ab	0 b	8
CL 172 ¹⁶	182 ghi	185 c-g	141 b-e	71 bcd	159 b-e	147	0 d	0 c	0 c	6 b	0 b	1
CL 272 ¹³	216 cde	- -	135 cde	94 a-d	163 b-e	152	0 d	4 c	0 c	0 b	0 b	1
CLJ01 ²¹	161 j	167 d-g	126 c-f	79 a-d	133 e	133	0 d	11 bc	0 c	0 b	0 b	2
Diamond ¹¹	215 de	194 c-f	146 bcd	101 a-d	167 b-e	165	0 d	0 c	0 c	25 ab	0 b	5
Jazzman ¹⁸	178 ghi	169 d-g	162 bcd	65 d	145 cde	144	0 d	23 bc	0 c	20 ab	18 ab	12
Jupiter ⁹	217 cde	187 c-g	165 bcd	89 a-d	173 bcd	166	0 d	33 bc	0 c	23 ab	8 b	13
LaKast ¹⁰	204 ef	179 c-g	172 bc	99 a-d	178 abc	166	3 d	21 bc	0 c	15 ab	0 b	8
Mermentau ¹⁴	188 gh	187 c-g	144 b-e	81 a-d	160 b-e	152	0 d	0 c	0 c	10 ab	0 b	2
MM17 ⁷	223 cd	208 a-d	161 bcd	95 a-d	163 b-e	170	0 d	21 bc	0 c	0 b	0 b	4
PVL01 ²²	166 ij	147 g	101 ef	95 a-d	151 cde	132	5 d	0 c	0 c	0 b	0 b	1
Roy J ¹²	217 cde	172 d-g	144 b-e	100 a-d	154 cde	157	0 d	0 c	0 c	0 b	0 b	0
Titan ⁸	194 fg	204 b-e	173 bc	88 a-d	184 abc	169	0 d	3 c	0 c	0 b	10 ab	3
Wells ¹⁵	193 fg	- -	159 bcd	92 a-d	161 b-e	151	0 d	85 a	0 c	3 b	0 b	18
CL XL745 ⁶	225 cd	184 c-g	186 b	109 a-d	164 b-e	174	25 a	47 b	53 a	33 ab	28 ab	37
Gemini 214 CL ²	245 ab	236 ab	187 b	132 a	210 a	202	23 ab	39 bc	28 abc	20 ab	13 ab	25
RT7311 CL ³	244 ab	220 abc	232 a	128 abc	168 b-e	198	18 bc	15 bc	13 c	45 ab	50 a	28
XP 753 ¹	249 a	241 a	233 a	131 ab	194 ab	209	15 c	20 bc	10 c	20 ab	13 ab	16
XP 760 ⁴	242 ab	- -	165 bcd	136 a	206 a	187	20 abc	75 a	45 ab	58 a	10 ab	42
LSD P=.05	10.72	18.73	27.00	32.01	20.56		5.4	17.8	21.3	28.2	26.0	
Standard Deviation	7.60	13.03	19.14	22.68	14.54		3.8	12.5	15.1	20.0	18.4	
CV	3.72	6.98	12.37	23.65	8.78		78.28	42.89	172.16	138.07	259.84	
Levene's F	0.685	0.659	3.172	1.401	0.892		2.082	2.502	4.615	1.86	1.395	
Levene's Prob(F)	0.845	0.806	0.001*	0.142	0.608		0.01*	0.005*	0.001*	0.025*	0.144	
Skewness	0.2429	0.4239	0.5241*	0.7047*	-0.0587		1.6745*	0.7779*	2.2534*	1.4521*	2.9764*	
Kurtosis	-0.8388	0.2941	0.2797	0.8334	-0.0296		1.6241*	-0.8596	4.044*	0.9452	8.4196*	
Replicate F	5.387	1.669	5.983	7.658	5.114		1.395	1.491	1.236	1.822	1.845	
Replicate Prob(F)	0.0022	0.1921	0.0011	0.0002	0.0032		0.2518	0.2295	0.3032	0.1515	0.1471	
Treatment F	48.245	13.333	12.432	3.094	6.204		18.718	21.563	4.014	2.507	1.763	
Treatment Prob(F)	0.0001	0.0001	0.0001	0.0002	0.0001		0.0001	0.0001	0.0001	0.0019	0.0373	

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