

Missouri Rice Research and Merchandising Council

2016 Missouri Variety Trial Data

Variety	Days to Heading		Yield (bu/A)						Lodging (%)					Milling				Quality					
			Glennonville, MO		Canalou, MO	Neelyville, MO	Fisk, MO	AVG	Glennonville, MO		Canalou, MO	Neelyville, MO	Fisk, MO	Total (%)		Whole (%)		Whiteness		Transparency		Polish	
	Flood	Furrow	Flood	Furrow	Flood	Flood	Flood	-	Flood	Furrow	Flood	Flood	Flood	Flood	Furrow	Flood	Furrow	Flood	Furrow	Flood	Furrow	Flood	Furrow
Caffey	91 a	91 bc	186.9 efg	158.7 a-e	161.7 cde	118.0 ghi	134.9 d	152.0	0 -	10 -	0 b	0 -	0 b	71.3 -	72.1 -	63.3 -	48.6 -	40.5 -	44.7 -	2.53 -	2.79 -	96 -	116 -
CL111	86 c-f	85 g	164.6 hi	132.3 de	144.9 ef	83.1 j	75.0 g	120.0	0 -	13 -	0 b	0 -	0 b	69.3 -	72.5 -	58.6 -	49.2 -	43.7 -	39.0 -	2.73 -	2.87 -	111 -	89 -
CL151	86 c-f	87 d-g	173.4 gh	135.8 cde	155.8 de	102.7 i	113.3 ef	136.2	0 -	23 -	0 b	48 -	58 a	70.0 -	71.4 -	58.3 -	46.2 -	42.9 -	46.8 -	2.56 -	2.72 -	107 -	125 -
CL153	88 bcd	89 cde	180.6 fgh	140.4 b-e	152.8 def	124.3 f-i	142.3 d	148.1	0 -	12 -	0 b	0 -	0 b	70.5 -	71.7 -	60.7 -	45.2 -	42.7 -	40.5 -	2.65 -	2.59 -	106 -	93 -
CL163	88 bcd	87 d-g	166.1 hi	127.0 e	129.8 g	71.6 j	63.5 g	111.6	0 -	12 -	0 b	0 -	0 b	69.3 -	71.7 -	59.1 -	50.0 -	41.9 -	43.4 -	2.41 -	2.55 -	102 -	109 -
CL172	88 bcd	88 def	175.1 gh	139.2 b-e	137.5 fg	103.4 i	98.7 f	130.8	0 -	8 -	0 b	0 -	0 b	69.5 -	70.7 -	60.0 -	42.7 -	40.9 -	42.1 -	2.68 -	2.46 -	98 -	102 -
CL272	88 bcd	90 bcd	190.7 efg	146.1 b-e	148.9 def	131.0 e-h	128.8 de	149.1	0 -	0 -	0 b	0 -	0 b	70.0 -	73.9 -	59.4 -	59.8 -	44.4 -	39.6 -	2.74 -	2.42 -	114 -	91 -
Diamond	87 c-f	89 cd	194.7 def	142.1 b-e	173.1 bc	137.2 d-g	130.1 de	155.4	0 -	5 -	0 b	0 -	0 b	69.6 -	73.8 -	56.8 -	56.7 -	43.3 -	42.2 -	2.84 -	2.57 -	110 -	103 -
Jazzman	87 c-f	90 bcd	157.6 i	136.5 cde	137.6 fg	116.7 ghi	113.9 ef	132.5	0 -	12 -	0 b	0 -	0 b	70.4 -	73.3 -	61.5 -	55.4 -	41.7 -	42.0 -	2.78 -	2.64 -	103 -	103 -
13-201-67	86 def	86 efg	174.6 gh	146.5 b-e	149.2 def	115.4 ghi	158.0 c	148.7	0 -	30 -	18 a	0 -	0 b	68.9 -	72.8 -	58.3 -	50.2 -	41.4 -	40.8 -	2.47 -	2.47 -	100 -	97 -
Jupiter	89 bc	90 bcd	197.0 def	154.6 a-e	160.7 cde	159.9 c	164.4	0 -	25 -	15 a	0 -	0 b	70.2 -	73.1 -	60.2 -	52.7 -	42.1 -	41.1 -	2.30 -	2.58 -	101 -	99 -	
LaKast	87 c-f	90 bcd	180.7 fgh	142.4 b-e	161.0 cde	129.7 e-h	125.4 de	147.8	0 -	0 -	0 b	0 -	0 b	69.0 -	73.3 -	58.9 -	53.2 -	41.6 -	41.0 -	2.61 -	2.63 -	101 -	97 -
Mermentau	88 bcd	87 d-g	176.6 gh	146.6 b-e	151.8 def	109.4 hi	69.6 g	130.8	0 -	0 -	0 b	0 -	0 b	69.4 -	73.1 -	58.9 -	50.2 -	43.1 -	44.5 -	2.64 -	2.65 -	108 -	114 -
MM14	87 c-f	90 bcd	195.5 def	163.4 a-d	155.6 de	123.4 f-i	136.3 d	154.8	0 -	5 -	0 b	0 -	0 b	70.3 -	72.4 -	62.4 -	49.9 -	40.8 -	39.1 -	2.50 -	3.17 -	97 -	93 -
Royl	90 ab	95 a	185.8 efg	134.4 cde	165.9 cd	134.0 efg	134.7 d	151.0	0 -	2 -	0 b	0 -	0 b	70.7 -	72.8 -	59.1 -	52.1 -	42.0 -	42.9 -	2.65 -	2.68 -	103 -	107 -
Titan	85 f	85 fg	199.1 de	167.8 abc	161.4 cde	156.0 cd	136.7 d	164.2	0 -	12 -	0 b	0 -	0 b	70.4 -	72.9 -	62.0 -	54.1 -	40.4 -	38.3 -	2.70 -	2.45 -	96 -	85 -
CLXL 745	82 g	87 d-g	208.9 bcd	169.6 abc	197.3 a	174.9 ab	189.9 ab	188.1	0 -	30 -	0 b	0 -	0 b	68.7 -	73.0 -	54.1 -	49.4 -	45.4 -	43.7 -	2.68 -	2.76 -	118 -	111 -
CLXL 729	85 ef	88 def	201.8 cde	168.5 abc	184.9 b	164.3 bc	175.8 b	179.1	0 -	17 -	0 b	0 -	0 b	70.2 -	71.8 -	60.0 -	46.0 -	41.4 -	43.0 -	2.58 -	2.88 -	100 -	109 -
CLXL 766	83 g	87 d-g	223.9 a	173.5 ab	182.7 b	187.0 a	196.6 a	192.7	0 -	23 -	0 b	0 -	0 b	69.4 -	72.2 -	58.1 -	51.2 -	43.2 -	43.4 -	2.61 -	2.52 -	108 -	110 -
XL 753	83 g	88 def	220.6 ab	184.0 a	202.0 a	189.2 a	202.5 a	199.7	0 -	28 -	0 b	0 -	0 b	69.6 -	71.9 -	58.8 -	54.1 -	43.8 -	43.3 -	2.64 -	2.76 -	111 -	109 -
XL 760	87 cde	92 b	214.8 abc	179.7 a	206.5 a	144.0 def	176.2 b	184.2	0 -	33 -	0 b	0 -	0 b	69.6 -	73.1 -	58.9 -	56.8 -	43.1 -	44.7 -	2.60 -	2.64 -	108 -	115 -
LSD P=.05	1.5	1.9	11.09	20.18	10.56	14.16	13.13	.	0	20.2	7.11	0	3.9	1.697	1.896	6.993	15.122	4.64	5.01	0.43	0.44	21.8	22.9
Standard Deviation	1	1.6	7.84	17.62	7.46	10.01	9.28	0	0	17.7	5.02	0	2.7	1.199	1.655	4.944	13.202	3.28	4.37	0.304	0.384	15.4	20
CV	1.21	1.82	4.15	11.6	4.58	7.6	6.81	0	0	123.58	324.61	0	100.28	1.72	2.28	8.33	25.83	7.74	10.37	11.64	14.47	14.76	19.25
Bartlett's X2	13.502	50.296	49.927	35.778	42.415	24.031	20.606	0	0	30.817	0.061	0	0	26.872	41.939	26.189	17.955	18.986	30.282	21.226	49.918	17.369	27.882
P(Bartlett's X2)	0.855	0.001*	0.001*	0.016*	0.002*	0.241	0.421	.	.	0.021*	0.804	.	.	0.139	0.003*	0.16	0.59	0.523	0.065	0.384	0.001*	0.629	0.112
Skewness	-0.1458	0.7371*	0.5127	0.0623	0.7146*	0.0355	-0.1413	.	.	1.3441*	4.1687*	.	4.5588*	-1.2624*	-1.4112*	-0.5765*	-0.9763*	-0.125	-1.059*	-0.2194	1.6834*	-0.1243	-0.8674*
Kurtosis	-0.0162	1.2886*	-0.0225	0.2191	-0.0347	-0.2204	-0.5357	.	.	1.2608*	16.035*	.	19.8185*	3.7608*	4.9613*	-0.0089	0.3376	-0.8629	1.459*	-0.5394	10.6925*	-0.9502	0.738
Replicate F	0.786	10.53	4.779	8.175	11.77	3.643	7.209	0	0	3.037	0.802	0	1	0.408	0.79	0.5	3.606	0.206	1.539	0.18	5.522	0.182	1.956
Replicate Prob(F)	0.5064	0.0001	0.0047	0.0001	0.0001	0.0177	0.0003	1	1	0.0135	0.4977	1	0.3992	0.7478	0.5591	0.684	0.0049	0.8921	0.1847	0.9097	0.0002	0.908	0.0918
Treatment F	18.109	13.14	21.951	5.48	32.391	38.55	72.561	0	0	2.276	3.811	0	83.526	1.165	1.416	0.646	0.615	0.66	1.508	0.659	1.277	0.647	1.56
Treatment Prob(F)	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	1	1	0.004	0.0001	1	0.0001	0.3151	0.1326	0.8606	0.893	0.8485	0.0951	0.8486	0.2127	0.8597	0.0783

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