2022 Missouri Rice Planting Date & Cultivar Trials

Flood-Irrigated and Furrow-Irrigated Production Systems

Conducted by the
University of Missouri Rice Agronomy Program

Funding and support provided by the
Missouri Rice Research and Merchandising Council

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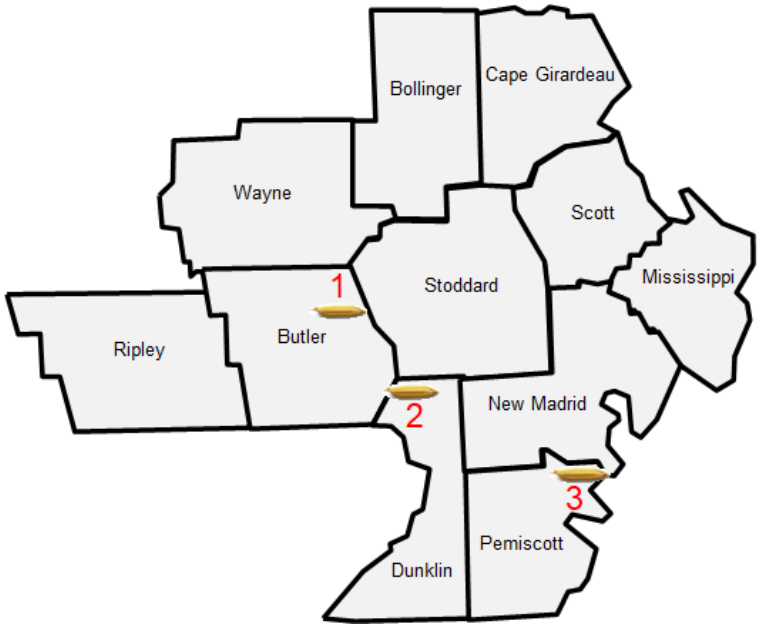
2022 Missouri Planting Date / Furrow-Irrigated Rice Cultivar Trials

Site	Nearest Town	Planting Date	Emergence Date	Flood Date	Harvest Date	Soil Type	Location Info	Water Management	N Management	N Rate (lbs N/ac)
MRRMC PD1	Glennonville, Dunklin County	March 17	April 22	June 3	September 20	Silt Loam	Research Station	Flood	Single Pre-flood	130
MRRMC PD2	Glennonville, Dunklin County	April 10	April 30	June 3	September 20	Silt Loam	Research Station	Flood	Single Pre-flood	130
MRRMC PD3	Glennonville, Dunklin County	April 29	May 12	June 14	September 28	Silt Loam	Research Station	Flood	Single Pre-flood	130
MRRMC PD4	Glennonville, Dunklin County	May 19	May 28	June 22	October 18	Silt Loam	Research Station	Flood	Single Pre-flood	130
MRRMC PD5	Glennonville, Dunklin County	June 13	June 20	July 8	October 22	Silt Loam	Research Station	Flood	Single Pre-flood	130
FDRC PD1	Portageville, Pemiscot County	May 12	May 22	June 22	October 7	Clay	Research Station	Flood	Single Pre-flood	150
FDRC PD2	Portageville, Pemiscot County	June 3	June 9	July 11	October 24	Clay	Research Station	Flood	Single Pre-flood	150
MRRMC FIR Top	Glennonville, Dunklin County	May 19	May 28	June 21	October 21	Silt Loam	Research Station	Non-Flood	3-way split	130
MRRMC FIR Middle	Glennonville, Dunklin County	May 19	May 28	June 21	October 21	Silt Loam	Research Station	Muddy	3-way split	130
MRRMC FIR Bottom	Glennonville, Dunklin County	May 19	May 28	June 21	October 21	Silt Loam	Research Station	Flood	3-way split	130
FDRC FIR Top	Portageville, Pemiscot County	May 11	May 21	June 23	October 5	Clay	Research Station	Non-Flood	3-way split	150
FDRC FIR Middle	Portageville, Pemiscot County	May 11	May 21	June 23	October 5	Clay	Research Station	Muddy	3-way split	150
FDRC FIR Bottom	Portageville, Pemiscot County	May 11	May 21	June 23	October 5	Clay	Research Station	Flood	3-way split	150
Fisk FIR Top	Fisk, Butler County	April 27	May 5	June 16	September 27	Clay	On-Farm	Non-Flood	Single Pre-flood	120
Fisk FIR Bottom	Fisk, Butler County	April 27	May 5	June 16	September 27	Clay	On-Farm	Flood	Single Pre-flood	120



1) Fisk
2) MRRMC (Rice Farm)
3) FDRC (Portageville)

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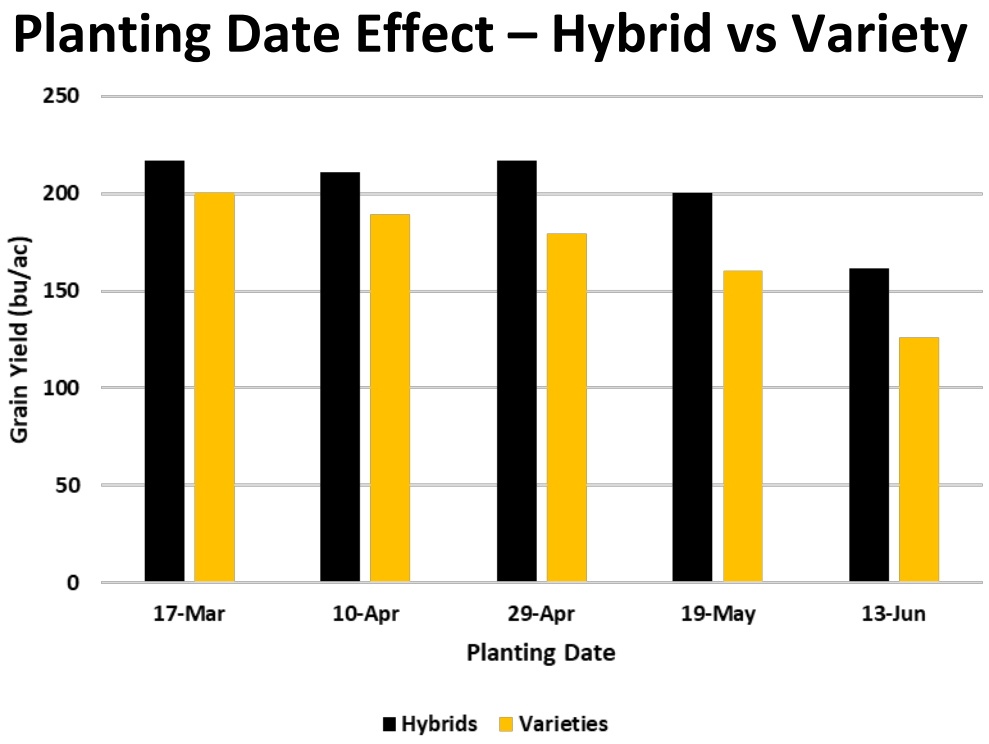
2022 Missouri Planting Date Trials Grain Yield

	Rice Farm (Glennonville)					Portageville		
Cultivar	**17-Mar**	**10-Apr**	**29-Apr**	**19-May**	**13-Jun**	**12-May**	**3-Jun ***	**AVERAGE**
XP753	218	217	219	195	173	230	100	**208**
XP780	223	219	218	218	150	215	81	**205**
RT7301	211	217	214	196	184	226	89	**212**
RT7302	243	216	226	221	172	223	103	**216**
RT7401	207	210	218	198	150	211	91	**198**
RT7321 FP	200	190	204	187	153	211	46	**192**
RT7421 FP	208	209	212	175	147	196	81	**190**
RT7521 FP	220	207	212	218	147	206	62	**201**
RT7331 MA	220	215	228	193	179	218	74	**208**
DGL037	211	206	186	169	122	185	58	**175**
DGL2065	184	178	159	151	137	193	95	**167**
DG263L	206	190	197	172	141	192	91	**182**
DGL293	193	202	175	154	90	133	51	**155**
Diamond	206	196	185	167	125	192	96	**177**
Ozark	220	193	192	180	127	210	95	**185**
ProGold1	212	187	183	165	114	183	79	**172**
ProGold2	202	182	174	149	120	175	71	**166**
CLHA02	184	176	155	153	143	191	96	**167**
CLL16	211	195	176	149	110	174	68	**166**
CLL18	218	201	188	166	135	163	93	**177**
PVL03	171	170	156	137	114	186	76	**154**
RTv7231 MA	166	166	171	155	138	176	80	**162**
DGM004	206	190	187	164	128	183	87	**175**
Jupiter	199	196	194	154	124	175	109	**172**
Taurus	222	205	195	175	147	167	112	**184**
AVERAGE	**206**	**197**	**193**	**174**	**139**	**193**	**83**	**183**

* The Portageville late planted rice was heavily damaged by blackbirds and was killed prematurely on Oct 18 due to frost. Not included in averages.



Planting date effect on the average yield of hybrids and inbred varieties at the Rice Research Farm near Glennonville, MO.

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2022 Missouri Furrow-Irrigated Cultivar Trials Grain Yield

	Rice Farm (Glennonville)			Portageville			Fisk		
Cultivar	**Top**	**Middle**	**Bottom**	**Top**	**Middle**	**Bottom**	**Top**	**Bottom**	**AVERAGE**
XP753	175	217	222	200	234	231	212	250	**216**
XP780	104	158	172	198	222	228	183	248	**184**
RT7301	156	211	218	175	233	230	219	252	**209**
RT7302	175	209	217	225	250	238	234	250	**222**
RT7401	160	181	188	222	236	224	197	248	**203**
RT7321 FP	160	220	216	200	219	222	212	216	**207**
RT7421 FP	140	180	186	192	234	214	201	248	**196**
RT7521 FP	157	182	176	191	238	221	208	229	**198**
RT7331 MA	158	226	219	199	235	228	225	239	**214**
DGL037	127	138	146	173	201	203	183	222	**171**
DGL2065	129	169	173	174	204	203	176	189	**175**
DG263L	129	165	149	176	196	214	177	234	**177**
DGL293	95	107	129	157	163	151	149	204	**141**
Diamond	138	176	181	178	210	202	175	209	**181**
Ozark	124	162	165	200	200	197	175	218	**177**
ProGold1	109	174	178	204	224	198	171	214	**179**
ProGold2	100	148	158	159	196	204	161	193	**160**
CLHA02	143	166	167	189	207	206	168	184	**177**
CLL16	103	148	161	187	207	196	153	202	**165**
CLL18	109	181	186	186	220	211	178	214	**182**
PVL03	107	151	158	184	191	186	155	161	**158**
RTv7231 MA	131	169	166	164	184	181	182	197	**170**
DGM004	137	167	175	197	214	210	187	207	**184**
Jupiter	158	171	176	198	215	212	186	209	**189**
Taurus	152	173	174	193	214	212	190	228	**190**
AVERAGE	**135**	**174**	**178**	**189**	**214**	**209**	**186**	**219**	**188**

* Furrow-irrigated rice trials were planted at Glennonville on May 19, Portageville on May 11, and Fisk on April 27.

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2022 Missouri Furrow-Irrigated Cultivar Trials Milling Yield

	Rice Farm (Glennonville)			Portageville			Fisk		AVERAGE
Cultivar	Top	Middle	Bottom	Top	Middle	Bottom	Top	Bottom	
XP753	57-73	60-72	62-74	55-72	62-72	63-70	30-71	31-70	**50-72**
XP780	59-70	54-68	55-69	52-70	58-70	61-69	29-71	39-70	**50-70**
RT7301	59-73	62-72	64-73	55-71	62-72	64-72	24-71	42-71	**51-72**
RT7302	62-73	58-70	59-71	62-72	64-71	63-71	28-71	40-69	**53-71**
RT7401	57-69	55-69	59-71	59-71	62-71	64-71	33-71	39-69	**53-70**
RT7321 FP	54-72	56-71	60-73	53-71	61-71	61-71	25-72	40-71	**50-71**
RT7421 FP	57-72	55-69	55-70	59-71	61-70	58-68	31-71	37-71	**50-70**
RT7521 FP	65-73	58-70	57-68	56-71	59-70	60-69	41-71	38-71	**53-70**
RT7331 MA	61-75	60-71	64-74	58-73	63-71	65-71	29-72	35-70	**52-72**
DGL037	63-70	53-63	55-67	58-70	58-68	62-68	37-69	43-70	**53-69**
DGL2065	70-74	62-71	65-73	66-73	66-72	66-71	57-72	40-69	**61-72**
DG263L	63-72	56-66	58-69	53-69	58-68	64-70	26-69	36-69	**50-69**
DGL293**	42-59	29-57	41-65	48-67	43-62	45-58	42-65	39-70	**42-63**
Diamond	64-73	56-69	54-69	61-71	61-69	63-68	45-70	36-71	**54-70**
Ozark	67-73	59-69	62-71	64-72	65-71	63-70	54-71	38-71	**59-71**
ProGold1	63-71	59-70	59-70	62-71	61-70	59-68	45-71	39-70	**55-70**
ProGold2	62-71	58-69	61-71	64-73	62-72	63-70	41-71	39-70	**55-71**
CLHA02	68-73	65-73	59-72	63-72	64-71	63-70	43-71	40-70	**57-71**
CLL16	59-71	47-66	47-67	56-70	57-69	57-69	39-69	36-71	**49-69**
CLL18	64-71	56-68	49-66	62-71	62-70	59-69	51-69	34-71	**54-69**
PVL03	64-72	60-71	63-72	63-72	60-71	63-70	50-71	44-70	**58-71**
RTv7231 MA	60-72	64-72	60-71	59-72	62-71	65-71	37-70	38-70	**54-71**
DGM004	67-72	60-70	56-71	61-70	60-69	64-69	38-71	36-71	**54-70**
Jupiter	57-69	59-69	63-70	55-69	54-66	61-70	52-70	35-70	**54-69**
Taurus	68-73	64-71	66-71	61-72	61-69	65-70	53-72	39-71	**59-71**
AVERAGE	**61-71**	**57-69**	**58-70**	**58-71**	**60-70**	**62-69**	**39-70**	**38-70**	**53-70**

* Furrow-irrigated rice trials were planted at Glennonville on May 19, Portageville on May 11, and Fisk on April 27.

** DGL293 did not have adequate time to mature in the majority of trials.

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Rice Farm March 17 Planted

Cultivar	Grain Length	Canopy Height	Days to Heading	Lodging	Milling Yield	Grain Yield
		in	days	0-5	%	bu/ac
XP753	L	39	97	0	62-71	**219**
XP780	L	38	97	0	62-70	**224**
RT7301	L	39	97	0	62-71	**210**
RT7302	L	40	97	0	64-71	**243**
RT7401	L	38	96	0	60-70	**207**
RT7321 FP	L	39	96	0	61-71	**199**
RT7421 FP	L	40	96	0	60-70	**209**
RT7521 FP	L	39	100	0	61-69	**221**
RT7331 MA	L	38	96	0	63-71	**221**
DGL037	L	38	99	0	61-69	**211**
DGL2065	L	38	102	0	66-72	**184**
DG263L	L	36	96	0	63-70	**207**
DGL293	L	39	109	0	61-69	**194**
Diamond	L	37	101	0	65-71	**207**
Ozark	L	39	101	0	67-72	**221**
ProGold1	L	37	103	0	64-70	**212**
ProGold2	L	37	102	0	66-72	**203**
CLHA02	L	37	100	0	64-71	**185**
CLL16	L	39	103	0	62-70	**211**
CLL18	L	40	102	0	61-69	**218**
PVL03	L	38	103	0	64-71	**172**
RTv7231 MA	L	38	88	0	57-68	**166**
DGM004	M	37	104	0	61-69	**206**
Jupiter	M	37	102	0	63-68	**199**
Taurus	M	38	97	0	67-71	**223**
AVERAGE		**38**	**99**	**0**	**63-70**	**207**

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Rice Farm April 10 Planted

Cultivar	Grain Length	Canopy Height	Days to Heading	Lodging	Milling Yield	Grain Yield
		in	days	0-5	%	bu/ac
XP753	L	39	89	0	66-73	**217**
XP780	L	39	91	0	64-71	**219**
RT7301	L	39	89	0	64-73	**217**
RT7302	L	38	91	0	66-71	**216**
RT7401	L	39	89	0	64-71	**210**
RT7321 FP	L	39	88	0	63-71	**190**
RT7421 FP	L	39	90	0	63-71	**209**
RT7521 FP	L	39	93	0	64-70	**207**
RT7331 MA	L	39	88	0	65-72	**215**
DGL037	L	38	91	0	63-68	**206**
DGL2065	L	39	94	0	66-71	**178**
DG263L	L	38	88	0	64-70	**190**
DGL293	L	38	101	0	62-69	**202**
Diamond	L	38	94	0	65-71	**196**
Ozark	L	39	94	0	66-73	**193**
ProGold1	L	38	97	0	65-70	**187**
ProGold2	L	38	95	0	66-72	**182**
CLHA02	L	39	94	0	64-70	**176**
CLL16	L	38	97	0	64-72	**195**
CLL18	L	39	97	0	63-70	**201**
PVL03	L	39	98	0	66-72	**170**
RTv7231 MA	L	39	83	0	66-70	**166**
DGM004	M	38	96	0	68-72	**190**
Jupiter	M	38	95	0	66-69	**196**
Taurus	M	39	90	0	65-72	**205**
AVERAGE		**39**	**92**	**0**	**65-71**	**197**

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Rice Farm April 29 Planted

Cultivar	Grain Length	Canopy Height	Days to Heading	Lodging	Milling Yield	Grain Yield
		in	days	0-5	%	bu/ac
XP753	L	39	85	2	56-71	**219**
XP780	L	37	88	1	56-69	**218**
RT7301	L	38	84	0	53-71	**214**
RT7302	L	39	87	2	58-71	**226**
RT7401	L	39	86	0	55-70	**218**
RT7321 FP	L	39	85	1	54-69	**204**
RT7421 FP	L	39	86	1	55-69	**212**
RT7521 FP	L	39	88	0	60-70	**212**
RT7331 MA	L	38	83	0	56-71	**228**
DGL037	L	36	88	0	60-67	**186**
DGL2065	L	38	90	0	63-70	**159**
DG263L	L	38	82	2	58-71	**197**
DGL293	L	39	93	1	60-69	**175**
Diamond	L	38	90	1	60-69	**185**
Ozark	L	40	90	0	61-70	**192**
ProGold1	L	38	92	1	59-70	**183**
ProGold2	L	39	91	0	59-70	**174**
CLHA02	L	38	90	1	58-68	**155**
CLL16	L	39	92	1	58-68	**176**
CLL18	L	39	90	0	55-68	**188**
PVL03	L	38	92	0	59-69	**156**
RTv7231 MA	L	40	79	0	55-68	**171**
DGM004	M	37	90	1	61-67	**187**
Jupiter	M	37	90	1	60-69	**194**
Taurus	M	37	86	0	62-69	**195**
AVERAGE		**38**	**88**	**1**	**58-69**	**193**

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Rice Farm May 19 Planted

Cultivar	Grain Length	Canopy Height	Days to Heading	Lodging	Milling Yield	Grain Yield
		in	days	0-5	%	bu/ac
XP753	L	43	78	0	50-72	**195**
XP780	L	42	83	0	56-70	**218**
RT7301	L	40	78	1	52-73	**196**
RT7302	L	43	80	0	55-72	**221**
RT7401	L	41	79	1	52-72	**198**
RT7321 FP	L	39	76	1	48-71	**187**
RT7421 FP	L	41	81	1	55-71	**175**
RT7521 FP	L	41	86	1	64-71	**218**
RT7331 MA	L	40	77	1	55-73	**193**
DGL037	L	39	81	1	61-69	**169**
DGL2065	L	41	84	0	67-72	**151**
DG263L	L	39	76	1	52-70	**172**
DGL293	L	42	93	0	63-70	**154**
Diamond	L	39	84	0	64-72	**167**
Ozark	L	42	83	0	66-73	**180**
ProGold1	L	40	87	0	65-72	**165**
ProGold2	L	37	86	0	57-72	**149**
CLHA02	L	39	86	0	63-71	**153**
CLL16	L	41	89	0	58-71	**149**
CLL18	L	42	88	0	65-71	**166**
PVL03	L	39	87	0	65-73	**137**
RTv7231 MA	L	40	72	2	51-71	**155**
DGM004	M	38	83	0	64-71	**164**
Jupiter	M	36	85	0	68-71	**154**
Taurus	M	41	77	0	66-72	**175**
AVERAGE		**40**	**82**	**0**	**59-72**	**174**

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Rice Farm June 13 Planted

Cultivar	Grain Length	Canopy Height	Days to Heading	Lodging	Milling Yield	Grain Yield
		in	days	0-5	%	bu/ac
XP753	L	36	74	0	53-66	**173**
XP780	L	36	79	0	48-64	**150**
RT7301	L	35	74	0	57-68	**184**
RT7302	L	34	75	0	54-67	**172**
RT7401	L	33	77	0	55-64	**150**
RT7321 FP	L	34	71	0	53-66	**153**
RT7421 FP	L	36	78	0	53-66	**147**
RT7521 FP	L	33	79	0	52-65	**147**
RT7331 MA	L	33	73	0	43-59	**179**
DGL037	L	31	79	0	48-54	**122**
DGL2065	L	32	78	0	54-62	**137**
DG263L	L	33	75	0	40-58	**141**
DGL293	L	32	84	0	46-62	**90**
Diamond	L	35	80	0	43-61	**125**
Ozark	L	35	81	0	49-64	**127**
ProGold1	L	33	84	0	43-58	**114**
ProGold2	L	35	80	0	50-61	**120**
CLHA02	L	30	79	0	49-63	**143**
CLL16	L	34	82	0	33-51	**110**
CLL18	L	35	80	0	51-64	**135**
PVL03	L	32	81	0	41-59	**114**
RTv7231 MA	L	33	69	0	55-64	**138**
DGM004	M	32	80	0	58-65	**128**
Jupiter	M	32	81	0	53-54	**124**
Taurus	M	33	77	0	50-62	**147**
AVERAGE		**33**	**78**	**0**	**49-62**	**139**

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Portageville May 12 Planted

Cultivar	Grain Length	Canopy Height	Days to Heading	Lodging	Milling Yield	Grain Yield
		in	days	0-5	%	bu/ac
XP753	L	42	84	0	58-73	**230**
XP780	L	43	88	0	59-72	**215**
RT7301	L	41	84	0	50-72	**226**
RT7302	L	43	85	1	54-73	**223**
RT7401	L	40	83	1	54-72	**211**
RT7321 FP	L	45	83	0	60-72	**211**
RT7421 FP	L	43	84	2	53-72	**196**
RT7521 FP	L	43	86	2	59-72	**206**
RT7331 MA	L	42	83	0	58-73	**218**
DGL037	L	37	86	2	58-70	**185**
DGL2065	L	39	87	0	65-73	**193**
DG263L	L	37	83	1	54-72	**192**
DGL293	L	37	95	1	55-68	**133**
Diamond	L	42	89	0	65-72	**192**
Ozark	L	41	91	0	67-73	**210**
ProGold1	L	41	94	1	65-72	**183**
ProGold2	L	41	91	0	64-72	**175**
CLHA02	L	38	87	0	65-73	**191**
CLL16	L	41	93	1	52-71	**174**
CLL18	L	43	96	0	63-71	**163**
PVL03	L	39	90	0	64-73	**186**
RTv7231 MA	L	39	79	0	54-72	**176**
DGM004	M	41	88	2	60-71	**183**
Jupiter	M	39	88	1	66-70	**175**
Taurus	M	39	84	2	63-71	**167**
AVERAGE		**41**	**87**	**1**	**59-72**	**193**

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Portageville June 3 Planted

Cultivar	Grain Length	Canopy Height	Days to Heading	Lodging	Milling Yield	Grain Yield
		in	days	0-5	%	bu/ac
XP753	L	37	94	0	N/A	**100**
XP780	L	37	90	0	N/A	**81**
RT7301	L	36	90	0	N/A	**89**
RT7302	L	38	95	0	N/A	**103**
RT7401	L	34	90	0	N/A	**91**
RT7321 FP	L	40	91	0	N/A	**46**
RT7421 FP	L	39	94	0	N/A	**81**
RT7521 FP	L	40	88	0	N/A	**62**
RT7331 MA	L	37	89	0	N/A	**74**
DGL037	L	32	91	0	N/A	**58**
DGL2065	L	33	91	0	N/A	**95**
DG263L	L	31	91	0	N/A	**91**
DGL293	L	33	90	0	N/A	**51**
Diamond	L	39	87	0	N/A	**96**
Ozark	L	37	94	0	N/A	**95**
ProGold1	L	37	90	0	N/A	**79**
ProGold2	L	40	92	0	N/A	**71**
CLHA02	L	33	93	0	N/A	**96**
CLL16	L	38	89	0	N/A	**68**
CLL18	L	40	89	0	N/A	**93**
PVL03	L	36	91	0	N/A	**76**
RTv7231 MA	L	33	88	0	N/A	**80**
DGM004	M	36	90	0	N/A	**87**
Jupiter	M	34	91	0	N/A	**109**
Taurus	M	35	93	0	N/A	**112**
AVERAGE		**36**	**91**	**0**	**N/A**	**83**

RICE

University of Missouri

Rice Agronomy

Rice Farm Furrow-Irrigated Rice

		Top					Middle					Bottom				
Cultivar	Grain Length	Canopy Height	Days to Heading	Lodging	Milling Yield	Grain Yield	Canopy Height	Days to Heading	Lodging	Milling Yield	Grain Yield	Canopy Height	Days to Heading	Lodging	Milling Yield	Grain Yield
		in	days	0-5	%	bu/ac	in	days	0-5	%	bu/ac	in	days	0-5	%	bu/ac
XP753	L	32	98	0	57-73	**175**	39	100	0	60-72	**217**	38	96	0	62-74	**222**
XP780	L	30	102	0	59-70	**104**	38	102	0	54-68	**158**	36	101	0	55-69	**172**
RT7301	L	33	96	0	59-73	**156**	39	98	0	62-72	**211**	42	95	0	64-73	**218**
RT7302	L	32	101	0	62-73	**175**	37	95	0	58-70	**209**	40	98	0	59-71	**217**
RT7401	L	31	102	0	57-69	**160**	36	102	0	55-69	**181**	42	99	0	59-71	**188**
RT7321 FP	L	30	96	0	54-72	**160**	40	96	0	56-71	**220**	40	95	0	60-73	**216**
RT7421 FP	L	32	101	0	57-72	**140**	37	103	0	55-69	**180**	39	101	0	55-70	**186**
RT7521 FP	L	32	102	0	65-73	**157**	39	102	2	58-70	**182**	40	100	2	57-68	**176**
RT7331 MA	L	28	98	0	61-75	**158**	37	99	0	60-71	**226**	41	96	0	64-74	**219**
DGL037	L	30	102	0	63-70	**127**	36	102	2	53-63	**138**	39	99	3	55-67	**146**
DGL2065	L	31	102	0	70-74	**129**	39	102	0	62-71	**169**	39	100	0	65-73	**173**
DG263L	L	35	95	0	63-72	**129**	34	96	2	56-66	**165**	40	93	0	58-69	**149**
DGL293	L	31	108	0	42-59	**95**	38	108	0	29-57	**107**	42	106	0	41-65	**129**
Diamond	L	33	102	0	64-73	**138**	38	102	0	56-69	**176**	41	101	0	54-69	**181**
Ozark	L	32	105	0	67-73	**124**	39	105	0	59-69	**162**	41	104	0	62-71	**165**
ProGold1	L	33	103	0	63-71	**109**	36	105	0	59-70	**174**	41	104	0	59-70	**178**
ProGold2	L	28	105	0	62-71	**100**	39	106	0	58-69	**148**	39	101	0	61-71	**158**
CLHA02	L	32	100	0	68-73	**143**	37	102	0	65-73	**166**	40	100	0	59-72	**167**
CLL16	L	31	105	0	59-71	**103**	38	105	0	47-66	**148**	43	106	0	47-67	**161**
CLL18	L	29	103	0	64-71	**109**	37	105	0	56-68	**181**	40	104	0	49-66	**186**
PVL03	L	34	102	0	64-72	**107**	38	103	0	60-71	**151**	43	103	0	63-72	**158**
RTv7231 MA	L	30	92	0	60-72	**131**	37	93	0	64-72	**169**	39	95	0	60-71	**166**
DGM004	M	28	105	0	67-72	**137**	37	105	0	60-70	**167**	41	103	0	56-71	**175**
Jupiter	M	32	103	0	57-69	**158**	33	103	0	59-69	**171**	40	101	0	63-70	**176**
Taurus	M	29	101	0	68-73	**152**	37	101	0	64-71	**173**	37	99	1	66-71	**174**
AVERAGE		**31**	**101**	**0**	**61-71**	**135**	**37**	**102**	**0**	**57-69**	**174**	**40**	**100**	**0**	**58-70**	**178**

RICE

University of Missouri

Rice Agronomy

Portageville Furrow-Irrigated Rice

		Top					Middle					Bottom				
Cultivar	Grain Length	Canopy Height	Days to Heading	Lodging	Milling Yield	Grain Yield	Canopy Height	Days to Heading	Lodging	Milling Yield	Grain Yield	Canopy Height	Days to Heading	Lodging	Milling Yield	Grain Yield
		in	days	0-5	%	bu/ac	in	days	0-5	%	bu/ac	in	days	0-5	%	bu/ac
XP753	L	31	97	0	55-72	**200**	36	96	0	62-72	**234**	38	98	0	63-70	**231**
XP780	L	31	100	0	52-70	**198**	37	100	0	58-70	**222**	37	100	0	61-69	**228**
RT7301	L	31	97	0	55-71	**175**	35	96	0	62-72	**233**	38	96	0	64-72	**230**
RT7302	L	32	100	0	62-72	**225**	37	102	0	64-71	**250**	39	101	0	63-71	**238**
RT7401	L	30	97	0	59-71	**222**	34	97	0	62-71	**236**	33	96	0	64-71	**224**
RT7321 FP	L	33	97	0	53-71	**200**	38	96	0	61-71	**219**	37	96	0	61-71	**222**
RT7421 FP	L	33	97	0	59-71	**192**	38	97	0	61-70	**234**	40	101	0	58-68	**214**
RT7521 FP	L	32	97	0	56-71	**191**	35	96	0	59-70	**238**	38	96	0	60-69	**221**
RT7331 MA	L	31	96	0	58-73	**199**	36	96	0	63-71	**235**	38	96	0	65-71	**228**
DGL037	L	28	99	0	58-70	**173**	32	97	0	58-68	**201**	36	99	0	62-68	**203**
DGL2065	L	29	98	0	66-73	**174**	36	96	0	66-72	**204**	37	96	0	66-71	**203**
DG263L	L	22	96	0	53-69	**176**	28	95	0	58-68	**196**	38	97	0	64-70	**214**
DGL293	L	28	108	0	48-67	**157**	36	105	0	43-62	**163**	38	98	0	45-58	**151**
Diamond	L	32	102	0	61-71	**178**	37	102	0	61-69	**210**	37	96	0	63-68	**202**
Ozark	L	31	105	0	64-72	**200**	39	105	0	65-71	**200**	35	99	0	63-70	**197**
ProGold1	L	34	105	0	62-71	**204**	37	104	0	61-70	**224**	40	101	0	59-68	**198**
ProGold2	L	32	103	0	64-73	**159**	39	105	0	62-72	**196**	37	97	0	63-70	**204**
CLHA02	L	30	100	0	63-72	**189**	32	97	0	64-71	**207**	36	97	0	63-70	**206**
CLL16	L	32	104	0	56-70	**187**	38	102	0	57-69	**207**	37	101	0	57-69	**196**
CLL18	L	33	100	0	62-71	**186**	40	101	0	62-70	**220**	36	99	0	59-69	**211**
PVL03	L	31	98	0	63-72	**184**	34	95	0	60-71	**191**	40	97	0	63-70	**186**
RTv7231 MA	L	28	95	0	59-72	**164**	33	95	0	62-71	**184**	38	96	0	65-71	**181**
DGM004	M	30	102	0	61-70	**197**	36	100	0	60-69	**214**	36	96	0	64-69	**210**
Jupiter	M	30	101	0	55-69	**198**	35	101	0	54-66	**215**	37	103	0	61-70	**212**
Taurus	M	28	97	0	61-72	**193**	34	97	0	61-69	**214**	36	100	0	65-70	**212**
AVERAGE		**30**	**100**	**0**	**58-71**	**189**	**36**	**99**	**0**	**60-70**	**214**	**37**	**98**	**0**	**62-69**	**209**

RICE

University of Missouri

Rice Agronomy

2022 Missouri Cultivar/Planting Date Trial Averages

		Flood Rice/Planting Date Trials *				Furrow-irrigated Rice **			
Cultivar	Grain Length	Canopy Height	Days to Heading	Grain Yield	Milling Yield	Canopy Height	Days to Heading	Grain Yield	Milling Yield
		in	days	bu/ac	%	in	days	bu/ac	%
XP753	L	39	86	**208**	59-72	35	97	**216**	50-72
XP780	L	39	88	**205**	59-71	35	101	**184**	50-70
RT7301	L	38	85	**212**	56-72	36	96	**209**	51-72
RT7302	L	39	87	**216**	59-72	36	99	**222**	53-71
RT7401	L	38	86	**198**	57-71	34	99	**203**	53-70
RT7321 FP	L	39	84	**192**	57-71	36	96	**207**	50-71
RT7421 FP	L	39	87	**190**	57-71	36	100	**196**	50-70
RT7521 FP	L	39	88	**201**	62-70	36	99	**198**	53-70
RT7331 MA	L	38	84	**208**	60-72	35	97	**214**	52-72
DGL037	L	36	88	**175**	61-69	33	99	**171**	53-69
DGL2065	L	37	89	**167**	65-72	35	99	**175**	61-72
DG263L	L	36	84	**182**	58-71	33	95	**177**	50-69
DGL293	L	37	95	**155**	60-69	35	105	**141**	42-63
Diamond	L	38	89	**177**	64-71	36	100	**181**	54-70
Ozark	L	39	90	**185**	65-72	36	103	**177**	59-71
ProGold1	L	38	92	**172**	64-71	37	103	**179**	55-70
ProGold2	L	38	91	**166**	62-72	35	103	**160**	55-71
CLHA02	L	36	89	**167**	63-70	34	99	**177**	57-71
CLL16	L	39	92	**166**	59-70	36	104	**165**	49-69
CLL18	L	40	91	**177**	62-70	36	102	**182**	54-69
PVL03	L	37	91	**154**	64-72	37	100	**158**	58-71
RTv7231 MA	L	37	80	**162**	56-70	34	94	**170**	54-71
DGM004	M	37	90	**175**	63-70	34	102	**184**	54-70
Jupiter	M	36	90	**172**	65-69	34	102	**189**	54-69
Taurus	M	37	86	**184**	65-71	33	99	**190**	59-71
AVERAGE		**38**	**88**	**183**	**61-71**	**35**	**100**	**185**	**53-70**

* The Portageville late planted rice was heavily damage by blackbirds and is not included in average yield.

** Furrow-irrigated rice trials were planted at Glennonville on May 19, Portageville on May 11, and Fisk on April 27.