

Table 3. Performance of rice varieties, hybrids, and experimental lines grown on Sharkey clay soil near Choctaw, Mississippi (33°60'07"N, 90°91'72"W), 2021.¹

Entry	Yield ²	Whole milled rice	Total milled rice	Chalk ³	Harvest moisture	Bushel weight	Plant height	50% heading ⁴	Lodging ⁵	Lodging score ⁶	1,000 seed weight ⁷
	<i>bu/A</i>	%	%	%	%	<i>lb</i>	<i>in</i>	<i>days</i>	%	(1-5)	<i>g</i>
Hybrids											
RT7321	197	29.5	66.7	10.4	11.8	41.9	42.5	82	0	1	26.0
RT7401	225	27.2	67.9	9.7	10.8	41.8	41.5	83	0	1	25.7
RT7421	229	21.0	67.2	13.0	10.8	42.8	40.5	83	0	1	25.9
RT7521	253	41.3	65.8	9.5	10.6	40.6	44.0	82	0	1	25.5
RT7523 FP	243	42.3	67.5	5.6	10.6	40.4	42.0	85	0	1	25.0
Clearfield/Provisia											
CL153	230	46.6	70.4	5.2	10.7	43.8	39.0	83	0	1	26.3
CL163	184	49.3	68.7	11.2	11.4	43.4	38.8	85	0	1	23.3
CLL15	207	46.1	68.7	4.8	10.3	42.7	37.0	85	0	1	23.2
CLL16	233	36.8	65.7	6.2	15.7	44.7	39.8	87	0	1	24.6
CLL17	182	48.7	68.2	8.6	11.5	42.8	38.5	85	0	1	22.4
CLX54197	229	42.3	68.4	10.5	12.3	45.4	36.3	86	0	1	24.3
PVL02	125	50.2	70.8	6.3	13.1	42.7	37.8	84	0	1	20.6
RU1804147	217	56.7	69.5	8.8	13.3	45.2	41.3	85	0	1	26.2
RU2004191	208	44.8	67.9	6.1	12.1	44.2	39.8	86	0	1	26.5
RU2004187	199	59.4	68.7	5.6	13.1	44.5	41.8	85	0	1	24.7
RU2004195	224	51.1	68.0	10.2	14.1	45.2	40.8	84	0	1	27.3
RU2004071	217	45.6	68.0	7.2	14.3	44.4	38.5	88	0	1	24.0
RU2004224	195	58.4	69.9	4.1	11.9	43.6	39.0	86	0	1	23.7
RU2104135	204	37.7	69.7	4.8	14.7	45.7	40.3	87	0	1	23.1
RU2104139	132	44.5	66.6	11.6	16.2	43.6	42.5	87	0	1	22.8
RU2104087	232	49.6	67.3	11.0	12.2	42.8	41.5	86	0	1	26.0
Conventional											
Cheniere	214	51.7	71.4	4.7	11.1	43.4	34.5	84	0	1	20.8
Diamond	226	35.5	68.8	2.8	12.5	45.0	41.0	87	0	1	25.8
Rex	227	52.9	67.3	8.6	11.6	43.5	40.5	87	0	1	27.7
Thad	187	41.5	67.8	9.3	12.7	45.0	37.3	87	0	1	24.7
RU2004091	249	46.0	68.3	11.4	13.9	43.8	41.0	88	0	1	25.7
RU1904139	215	44.8	66.5	14.7	13.3	44.2	38.0	88	0	1	24.5
RU1904163	247	33.7	67.0	9.4	11.1	43.6	34.8	87	0	1	23.6
RU2004099	229	40.3	68.6	6.1	13.7	45.5	40.5	87	0	1	22.6
RU1904155	223	33.0	67.4	9.9	11.7	45.4	40.0	88	0	1	24.6
RU2004083	233	47.7	68.3	8.3	13.1	45.3	40.3	88	0	1	22.5
RU1904123	227	42.8	67.7	8.6	11.0	45.7	39.3	86	0	1	25.2
RU2104075	238	39.2	67.9	7.3	10.1	43.7	40.5	85	0	1	25.5
RU2104099	234	53.7	70.7	7.3	11.1	42.3	41.3	86	0	1	23.3

¹Planting date: April 19. Emergence: May 2. Harvested: Sept. 9. Management: (sprayed) April 19 – Command @ 21 fl oz/A, Invade @ 12.8 fl oz/A, Sharpen @ 2 fl oz/A, Roundup Powermax 3 @ 32 fl oz/A; May 25 – Dyne-A-Pak @ 12.8 fl oz/A, Grandstand R @ 0.67 pt/A, Regiment @ 0.60 oz/A; July 21 – Stratego (fungicide) @ 19 fl oz/A; July 28 – Warrior (insecticide) 2 @ 2 fl oz/A. Flooded: May 26. Drained: Aug. 9. LSD = A difference of 21 bu/A is required for one variety to differ from another at the 5% probability level. C.V. = 5.8%

²Rough rice at 12% moisture.

³Winseedle chalk measurement

⁴Days after emergence.

⁵Percent of plot that was lodged.

⁶Severity of lodging: 1 = plants totally erect, 5 = plants completely on ground.

⁷Weight of 1,000 kernels.