

Table 7. Performance of rice varieties, hybrids, and experimental lines grown on Forestdale silty clay loam soil near Shaw, Mississippi (34°76'54"N, 90°69'64"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>%</i>	<i>%</i>	<i>%</i>	<i>%</i>	<i>lb</i>	<i>in</i>	<i>days</i>	<i>%</i>	<i>(1-5)</i>	<i>g</i>
Hybrids											
RT7321	328	47.8	70.0	6.8	14.2	42.6	48.3	87	0	1	26.3
RT7401	316	43.9	68.9	6.9	13.9	42.8	44.5	87	0	1	26.2
RT7421	323	47.5	69.1	9.7	14.0	43.2	43.8	88	0	1	25.9
RT7521	322	54.0	68.6	6.8	13.4	41.1	48.8	87	0	1	23.9
RT7523 FP	304	49.6	68.6	6.5	14.1	41.3	47.0	88	0	1	27.4
Clearfield/Provisia											
CL153	246	58.8	70.7	2.5	13.8	44.2	41.5	85	0	1	26.0
CL163	228	57.8	69.3	10.5	15.6	43.9	42.3	88	75	3	23.0
CLL15	230	61.9	70.4	4.8	15.0	42.5	40.5	87	0	1	22.2
CLL16	277	52.9	68.0	6.2	21.1	45.0	44.5	87	0	1	23.2
CLL17	242	62.1	70.2	4.0	13.7	43.2	42.0	88	83	3	20.9
CLX54197	287	57.7	69.1	9.6	8.2	45.4	39.8	88	0	1	22.7
PVL02	198	64.6	72.2	5.9	14.6	43.1	43.8	88	80	3	22.2
RU1804147	276	62.4	70.1	8.7	11.3	45.2	44.8	88	0	1	26.3
RU2004191	259	60.7	69.5	4.0	13.4	44.2	41.5	88	0	1	26.4
RU2004187	267	61.0	68.9	5.8	12.0	45.2	46.8	90	0	1	24.2
RU2004195	259	58.9	68.8	7.0	14.2	45.8	43.5	90	0	1	26.0
RU2004071	276	52.6	67.9	6.7	18.7	44.4	41.0	87	0	1	24.6
RU2004224	232	63.5	70.3	2.2	15.6	44.1	42.8	87	0	1	23.0
RU2104135	229	44.3	69.1	4.1	18.6	46.5	42.3	87	0	1	23.7
RU2104139	177	54.4	68.7	6.7	21.2	44.2	47.8	88	88	3	22.4
RU2104087	290	54.8	67.4	7.2	9.6	43.4	43.8	87	0	1	26.7
Conventional											
Cheniere	242	61.0	71.6	4.2	15.7	44.1	37.5	87	0	1	20.9
Diamond	283	55.2	70.5	3.6	14.1	45.3	48.0	90	0	1	25.4
Rex	254	59.8	68.5	5.5	12.1	44.5	42.0	88	0	1	25.7
Thad	282	58.1	68.7	4.7	15.9	46.1	41.3	88	0	1	24.0
RU2004091	283	49.9	68.8	9.0	16.1	43.6	43.3	88	0	1	24.3
RU1904139	273	60.5	67.7	10.4	17.0	43.1	44.3	89	0	1	23.6
RU1904163	290	40.5	66.7	5.4	9.8	43.6	37.3	87	0	1	22.6
RU2004099	267	55.2	70.2	5.1	14.0	46.2	42.5	89	0	1	23.6
RU1904155	271	50.1	68.6	8.6	11.3	45.8	44.5	88	0	1	24.4
RU2004083	282	56.3	69.8	5.8	14.3	45.8	43.8	87	0	1	23.5
RU1904123	248	52.5	68.2	6.5	14.1	46.9	39.3	87	0	1	26.2
RU2104075	262	50.6	69.1	5.8	10.3	44.4	43.0	84	0	1	26.4
RU2104099	292	55.1	69.6	6.0	11.9	42.9	45.5	88	0	1	23.8

¹**Planting date:** April 19. **Emergence:** May 2. **Harvested:** Sept. 8. **Management:** (sprayed) April 24 – Clasp @ 3.25 fl oz/A, Mso @ 5.5 fl oz/A, Sharpen @ 2 fl oz/A, Roundup PowerMAX 3 @ 30 fl oz/A; May 28 – Scanner @ 3 fl oz/A, AIM 2EC @ 0.75 fl oz/A, Facet L @ 22 fl oz/A; June 14 – Agri-Dex @ 1 qt/A, Clincher SF @ 15 fl oz/A; (fertilizer) May 5 – 18-46-0 @ 100 lb/A; May 12 – 41-0-0 @ 100 lb/A; June 2 – 41-0-0 @ 100 lb/A; June 19 – 41-0-0 @ 100 lb/A; July 19 – 41-0-0 @ 100 lb/A. **Flooded:** June 7. **Drained:** Aug. 15. **LSD = A difference of 26 bu/A is required for one variety to differ from another at the 5% probability level. C.V. = 5.9%**

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.