

Table 9. Performance of rice varieties, hybrids, and experimental lines grown on Sharkey clay soil near Tunica, Mississippi (34°57'56"N, 90°29'88"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	286	47.3	69.0	10.2	15.8	40.6	45.0	87	0	1	26.1
RT7401	265	58.2	69.7	7.2	18.2	40.4	42.0	87	0	1	23.8
RT7421	241	53.7	69.5	8.9	19.1	41.4	40.0	87	0	1	24.9
RT7521	266	51.3	67.2	7.1	11.9	39.9	42.0	89	0	1	23.8
RT7523 FP	280	52.7	68.1	7.8	14.1	39.3	41.8	91	0	1	25.9
Clearfield/Provisia											
CL153	199	53.7	69.7	3.7	18.1	42.9	36.8	88	0	1	25.7
CL163	214	55.4	67.2	13.1	16.4	42.6	39.5	89	0	1	26.2
CLL15	203	59.3	69.1	3.5	17.1	42.3	36.3	91	0	1	24.3
CLL16	232	52.4	65.8	4.2	20.9	43.5	38.5	93	0	1	24.5
CLL17	232	59.5	68.2	6.3	18.2	42.7	37.3	91	0	1	23.9
CLX54197	226	59.1	68.5	9.1	19.1	44.7	36.0	92	0	1	23.9
PVL02	205	66.1	71.8	6.6	17.9	43.0	40.3	90	0	1	21.6
RU1804147	215	60.2	68.9	8.1	20.5	44.8	37.3	89	0	1	26.9
RU2004191	180	51.9	67.1	3.8	19.3	42.7	35.3	92	0	1	27.0
RU2004187	215	60.3	67.8	5.8	21.9	43.9	39.3	92	0	1	25.8
RU2004195	188	56.8	66.9	10.3	21.6	45.1	35.5	89	0	1	27.2
RU2004071	187	52.1	66.0	6.5	25.9	42.7	38.5	91	0	1	22.5
RU2004224	182	64.1	70.1	2.6	20.0	43.6	38.0	92	0	1	23.4
RU2104135	177	50.8	69.2	5.3	24.9	45.6	38.3	91	0	1	24.2
RU2104139	200	55.2	66.3	12.3	20.5	42.6	39.8	90	0	1	25.6
RU2104087	234	45.8	64.5	8.9	16.0	41.3	40.5	90	0	1	27.3
Conventional											
Cheniere	205	59.6	70.8	4.0	19.4	42.5	34.0	88	0	1	21.5
Diamond	232	53.6	69.4	2.2	17.9	43.8	41.8	91	0	1	25.1
Rex	226	54.7	65.9	4.9	17.8	43.1	36.8	89	0	1	26.7
Thad	244	53.7	67.7	4.7	17.3	45.6	38.3	89	0	1	23.8
RU2004091	270	49.9	67.6	5.1	16.1	43.1	41.0	91	0	1	25.1
RU1904139	233	58.3	68.2	9.8	21.4	41.9	39.5	93	0	1	24.3
RU1904163	229	42.9	65.6	5.5	17.2	42.2	35.0	91	0	1	23.5
RU2004099	211	55.9	69.1	5.3	19.9	44.0	39.8	91	0	1	22.1
RU1904155	239	47.0	67.7	7.4	18.1	43.5	38.0	91	0	1	25.0
RU2004083	184	54.7	67.7	6.8	29.6	41.5	41.5	92	0	1	19.7
RU1904123	227	55.5	68.2	6.4	19.6	44.1	40.3	90	0	1	24.7
RU2104075	242	47.4	68.3	4.7	15.7	43.6	41.5	89	0	1	27.5
RU2104099	194	58.5	69.6	3.3	27.3	40.9	45.0	90	0	1	24.8

¹**Planting date:** April 6. **Emergence:** April 22. **Harvested:** Aug. 28. **Management:** (sprayed) May 6 – Regiment @ 0.67 oz/A, Triple Play @ 1%, Prowl H2O @ 2 pt/A; July 21 – Grizzly II @ 1.8 oz/A; (fertilizer) April 28 – 50% DAP and 50% Ammonia Sulfate @ 100 lb/A; May 7 – Urea @ 260 lb/A; June 30 – Urea @ 100 lb/A. **Flooded:** May 8. **Drained:** Aug. 11. **LSD = A difference of 42 bu/A is required for one variety to differ from another at the 5% probability level. C.V. = 11.6%**

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.