

Table 6. Performance of rice varieties, hybrids, and experimental lines grown on Sharkey clay soil near Pace, Mississippi (33°79'25"N, 90°84'92"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	52.6	70.8	8.0	6.5	42.3	47.0	79	0	1	25.2
RT7401	298	59.1	71.8	6.2	14.8	42.2	45.3	79	0	1	24.2
RT7421	302	60.8	72.2	6.8	14.9	42.8	45.3	78	0	1	23.9
RT7521	283	57.5	69.2	5.9	17.6	40.8	46.8	79	0	1	23.5
RT7523 FP	269	57.2	69.7	4.1	12.2	41.0	45.5	82	0	1	25.0
Clearfield/Provisia											
CL153	235	58.3	71.6	4.8	16.4	44.3	42.3	79	0	1	24.6
CL163	215	59.1	69.4	7.6	20.8	42.3	43.8	82	0	1	22.9
CLL15	218	60.4	70.7	4.5	18.8	42.3	39.5	81	0	1	21.6
CLL16	267	54.3	68.1	4.3	13.2	43.9	44.0	83	0	1	22.9
CLL17	208	61.7	69.9	5.2	17.2	43.7	40.5	79	15	2	21.3
CLX54197	237	60.5	70.4	7.1	18.8	45.4	39.8	80	0	1	21.4
PVL02	176	67.7	73.7	6.0	17.0	43.6	43.5	80	70	3	19.8
RU1804147	241	63.6	71.0	6.0	17.2	45.4	43.8	81	0	1	25.8
RU2004191	261	59.5	69.6	4.8	13.3	44.1	42.8	83	0	1	24.7
RU2004187	258	59.8	69.3	5.7	15.2	44.7	45.3	84	0	1	22.5
RU2004195	251	60.5	69.8	5.8	14.8	45.1	44.3	81	0	1	23.8
RU2004071	261	62.0	71.5	3.7	25.4	43.2	43.0	83	0	1	21.8
RU2004224	243	65.1	72.1	4.1	16.6	43.6	41.5	81	0	1	21.2
RU2104135	219	55.6	71.6	3.1	17.4	46.5	42.8	82	0	1	22.8
RU2104139	177	59.2	69.6	7.9	27.6	42.3	47.0	81	38	2	23.3
RU2104087	245	55.0	67.0	6.6	12.7	43.3	43.0	81	0	1	25.2
Conventional											
Cheniere	219	63.1	72.8	4.3	18.0	43.3	40.3	82	0	1	20.3
Diamond	246	58.3	71.4	2.6	21.5	44.6	47.8	83	0	1	24.8
Rex	255	58.4	68.5	5.4	17.1	44.1	43.8	82	0	1	25.0
Thad	254	59.7	69.2	3.5	19.1	45.6	42.0	81	0	1	23.6
RU2004091	270	52.4	70.0	6.5	21.8	42.4	45.5	83	10	2	23.1
RU1904139	262	59.0	69.5	7.6	21.0	43.2	43.3	82	0	1	22.9
RU1904163	246	51.5	68.7	4.0	20.6	43.0	40.3	83	0	1	21.7
RU2004099	229	58.3	70.7	4.0	19.4	44.6	44.3	85	0	1	21.4
RU1904155	261	55.5	68.7	7.2	17.9	43.7	44.8	83	0	1	21.3
RU2004083	253	61.4	71.7	4.5	15.8	44.4	46.0	83	0	1	21.2
RU1904123	275	56.3	69.3	5.9	9.0	46.3	40.8	82	0	1	24.7
RU2104075	281	53.5	70.1	3.4	11.5	44.9	45.5	80	0	1	24.8
RU2104099	243	55.6	70.0	5.6	18.1	42.1	44.3	84	0	1	22.7

¹**Planting date:** April 7. **Emergence:** April 22. **Harvested:** Sept. 8. **Management:** (sprayed) April 7 – Command @ 1:10 fl oz/A, Roundup @ 1 qt/A, Sharpen @ 2 fl oz/A, 1% Fire zone; May 20 – Regiment @ 0.56 oz/A, Facet @ 32 fl oz/A, Permit @ 0.7 oz/A; Aug. 12 – Karate @ 1:70 fl oz/A; (fertilized) April 24 – DAP and Ammonia Sulfate @ 100 lb/A; June 20 – Urea @ 100 lb/A; July 19 – Urea @ 75 lb/A. **Flooded:** May 20. **Drained:** Aug. 18. **LSD = A difference of 43 bu/A is required for one variety to differ from another at the 5% probability level. C.V. = 8.5%**

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.