

Table 5. Performance of rice varieties, hybrids, and experimental lines grown on Sharkey clay soil near Hollandale, Mississippi (33°16'68"N, 90°81'37"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	270	25.7	70.1	6.9	8.6	41.8	46.8	77	95	4	24.4
RT7401	311	30.2	70.7	6.5	8.9	41.6	44.8	77	35	3	23.1
RT7421	308	24.9	69.9	11.2	9.0	42.3	42.5	79	60	3	23.4
RT7521	317	31.6	67.7	8.7	9.4	40.6	49.5	80	75	4	22.6
RT7523 FP	326	31.3	69.1	4.8	10.2	40.7	47.3	82	15	2	24.5
Clearfield/Provisia											
CL153	237	30.7	70.4	6.5	10.3	43.8	40.5	80	0	1	24.7
CL163	251	41.8	68.0	14.3	10.8	43.5	44.3	83	100	4	23.3
CLL15	227	33.0	69.7	5.6	10.3	43.0	40.0	81	85	4	23.0
CLL16	299	29.4	68.6	6.2	12.1	45.7	43.5	79	10	2	24.2
CLL17	235	43.4	68.8	5.5	11.1	42.7	40.8	81	100	4	21.0
CLX54197	248	33.2	68.5	8.7	11.7	45.5	40.3	82	45	3	22.8
PVL02	147	42.8	71.2	5.0	11.0	42.9	43.3	81	100	4	19.5
RU1804147	295	50.4	69.1	11.0	8.1	45.3	43.5	82	0	1	26.3
RU2004191	285	33.4	68.7	7.2	7.4	43.2	40.5	82	0	1	25.9
RU2004187	257	55.8	68.9	4.9	10.5	45.1	47.3	83	0	1	24.6
RU2004195	268	39.7	68.4	8.7	10.6	44.7	44.5	81	15	2	25.3
RU2004071	300	43.2	69.7	5.0	11.4	45.3	44.8	85	0	1	24.5
RU2004224	236	53.0	69.7	5.0	11.5	43.5	42.0	84	45	3	22.0
RU2104135	266	22.1	69.3	3.2	11.2	46.2	45.3	84	0	1	23.8
RU2104139	231	35.9	67.8	8.2	12.2	44.8	46.8	83	90	4	21.8
RU2104087	298	31.8	66.4	11.5	7.8	42.9	44.3	82	10	2	25.7
Conventional											
Cheniere	172	40.9	71.3	4.4	10.4	42.0	37.3	82	100	4	18.9
Diamond	269	28.7	69.8	3.4	9.4	45.1	45.0	84	48	3	25.7
Rex	272	40.8	66.7	8.4	9.5	43.6	42.0	82	0	1	25.2
Thad	246	31.0	68.4	11.1	11.9	44.7	42.3	83	93	4	23.5
RU2004091	283	41.7	67.7	10.8	8.4	43.7	42.5	84	50	3	25.2
RU1904139	295	42.4	67.5	11.7	9.2	44.4	41.0	86	0	1	23.1
RU1904163	258	15.3	68.0	11.5	8.9	42.6	38.8	83	50	3	22.2
RU2004099	250	28.1	69.7	7.1	9.9	45.9	42.3	83	40	3	21.8
RU1904155	280	22.7	66.8	13.8	7.4	45.3	42.0	81	0	1	24.1
RU2004083	257	38.0	69.5	6.3	10.6	45.5	45.0	83	50	3	22.7
RU1904123	233	26.9	67.0	7.5	11.2	44.8	42.5	81	50	3	24.6
RU2104075	228	25.7	68.6	8.1	10.5	43.5	41.8	81	90	4	25.2
RU2104099	286	38.7	69.3	5.0	9.2	43.3	43.8	82	0	1	23.5

¹**Planting date:** April 5. **Emergence:** April 22; **Harvested:** Sept. 13. **Management:** (sprayed) Feb. 26 – Roundup @ 3 pt/A, 2-4D @ 1 qt/A; April 5 – Roundup @ 1 qt/A, Command @ 1-6 fl oz/A, Sharpen @ 1.5 fl oz/A. May 26 – Permit @ 0.65 oz/A, Grandstand @ 2/3 pt/A, Phase 2 @ 1%; June 11 – Facet @ 1 qt/A, 1 qt Oil; July 12 – Stratego @ 19 oz/A; (fertilized) April 21 – 50% DAP and 50% Ammonia Sulfate @ 100 lb/A; May 26 – Urea @ 150 lb/A; June 11 – Urea @ 100 lb/A; June 22 – Urea @ 100 lb/A; June 29 – Urea @ 100 lb/A. **Flooded:** May 27. **Drained:** Aug. 1. **LSD = A difference of 36 bu/A is required for one variety to differ from another at the 5% probability level. C.V. = 8.4%**

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.