

Table 8. Performance of rice varieties, hybrids, and experimental lines grown on Sharkey clay soil near Stoneville, Mississippi (33°43'14"N, 90°90'76"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
	bu/A	%	%	%	%	lb	in	days	%	(1-5)	g
Hybrids											
RT7321	202	50.7	70.4	5.4	12.7	42.3	51.3	89	35	2	23.3
RT7401	311	59.7	72.0	4.5	11.5	42.2	48.8	91	0	1	23.5
RT7421	299	53.5	71.2	6.7	9.6	41.6	46.3	90	0	1	23.4
RT7521	297	60.1	70.4	4.6	12.5	41.0	49.0	91	0	1	23.7
RT7523 FP	303	58.2	70.0	4.3	12.2	40.6	51.0	94	0	1	24.8
Clearfield/Provisia											
CL153	213	64.0	71.8	2.0	13.0	44.1	43.5	91	0	1	22.8
CL163	232	61.2	70.3	7.1	13.0	42.8	46.0	95	0	1	21.1
CLL15	214	63.5	71.1	3.7	14.0	43.1	42.5	91	0	1	21.2
CLL16	237	60.3	70.1	3.4	15.5	45.5	46.0	94	0	1	22.7
CLL17	161	62.3	70.3	4.3	15.5	42.3	44.0	94	30	2	20.3
CLX54197	238	62.2	70.8	7.4	13.9	45.0	40.0	93	0	1	21.7
PVL02	94	59.7	71.7	4.2	15.1	43.1	44.5	89	93	4	17.6
RU1804147	150	63.0	70.3	7.8	16.5	44.7	46.5	93	25	2	24.8
RU2004191	216	61.4	70.0	4.8	13.8	43.9	44.8	90	0	1	24.0
RU2004187	214	61.6	69.7	6.2	15.4	44.3	47.5	93	0	1	22.4
RU2004195	204	62.0	70.2	6.2	15.3	44.8	45.3	90	0	1	23.8
RU2004071	233	64.3	71.7	3.3	18.3	44.7	44.5	96	0	1	23.0
RU2004224	196	64.1	71.2	2.9	13.0	43.0	42.0	93	0	1	20.8
RU2104135	175	59.2	70.9	3.2	16.9	44.8	48.5	95	70	4	21.5
RU2104139	105	60.4	69.8	6.4	20.8	43.0	48.3	94	88	4	21.9
RU2104087	227	58.5	68.5	6.8	13.3	42.1	46.5	94	30	2	24.2
Conventional											
Cheniere	204	65.4	73.7	3.5	12.4	42.7	39.5	91	0	1	18.9
Diamond	246	58.8	71.4	2.6	15.4	45.4	48.5	94	0	1	24.4
Rex	231	62.5	70.0	4.1	12.9	42.8	47.0	93	45	3	23.0
Thad	230	61.9	70.1	3.8	15.3	44.9	44.3	94	0	1	21.8
RU2004091	238	50.6	69.2	8.1	15.5	43.4	46.5	95	0	1	23.6
RU1904139	250	60.8	69.5	7.8	16.8	45.0	44.3	94	0	1	22.7
RU1904163	240	55.6	69.3	4.0	14.4	43.4	40.8	94	0	1	21.6
RU2004099	229	63.0	71.8	5.0	18.6	46.3	45.3	95	0	1	21.0
RU1904155	242	59.3	70.4	5.1	14.0	45.4	46.5	95	0	1	21.8
RU2004083	267	64.6	72.0	4.5	12.6	45.9	48.0	95	0	1	20.8
RU1904123	239	59.2	69.8	6.5	14.2	44.7	44.8	94	0	1	22.2
RU2104075	238	58.7	71.4	5.8	12.8	43.5	46.5	91	20	2	21.9
RU2104099	248	59.7	70.4	4.0	16.2	42.8	49.0	96	0	1	21.5

¹**Planting date:** April 28. **Emergence:** May 9. **Harvested:** Sept. 27. **Management:** (sprayed) April 29 – Sharpen @ 2 fl oz/A, Command @ 12 fl oz/A, Gramoxone @ 32 fl oz/A, Voyager @ 1 qt/100 gallons; June 1 – Facet @ 32 fl oz/A; Navigator @ 16 fl oz/A, Permit @ 2/3 oz/A, Stam @ 1 gal/A; June 23 – Stam @ 1 gal/A, Permit @ 2/3 oz/A, Facet @ 32 fl oz/A, Navigator @ 16 fl oz/A; June 4 – Newpath @ 6 fl oz/A, Navigator @ 1%/tank; (fertilized) June 23 – 150 lb/A of Urea. **Drained:** Sept. 16. **LSD = A difference of 31 bu/A is required for one variety to differ from another at the 5% probability level. C.V. = 8.6%**

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.