



MISSISSIPPI STATE UNIVERSITY™
MS AGRICULTURAL AND
FORESTRY EXPERIMENT STATION

Performance of rice varieties, hybrids, and experimental lines grown on Sharkey Clay near Tunica, Mississippi (34.5799, -90.2950), 2020. ¹										
Entry	Yield ²	Whole Milled Rice	Total Milled Rice	Chalk ³	Harvest Moisture	Bushel Weight	Plant Height	50% Heading ⁴	Lodging ⁵	Lodging ⁶
	bu/A	%	%	%	%	lb	in	days	%	(1-5)
Hybrids										
RT7521FP	274	42.3	68.7	5.8	8.7	41.4	40.5	88	85	4
RT7321FP	347	40.3	69.3	6.5	10.1	42.7	38.5	87	80	4
XP753	351	35.0	69.8	6.9	9.4	43.3	39.5	87	0	1
RT7301	360	36.0	70.0	9.2	9.5	43.3	39.0	87	10	1
RT7501	345	44.4	69.1	3.1	8.8	41.5	40.3	91	0	1
Clearfield/Provisia										
CLL15	270	56.4	70.4	5.9	11.1	43.9	38.5	90	38	3
CLL16	285	43.8	68.6	2.2	12.4	46.2	39.3	93	45	3
CLL17	244	54.1	69.1	5.3	10.8	43.8	37.5	91	45	3
CL153	290	58.1	70.6	2.5	11.0	44.6	40.0	92	0	1
CL163	211	48.9	68.4	7.9	11.2	43.3	34.8	88	95	4
CLX54197	288	56.1	69.8	4.5	11.6	46.4	36.5	92	0	1
PVL01	235	56.1	70.7	3.8	10.0	42.5	40.5	95	0	1
PVL02	182	57.6	71.6	5.2	11.2	43.5	39.8	90	83	4
RU1804147	277	52.0	67.8	11.6	11.5	45.1	40.8	89	40	3
RU1704055	311	52.4	69.0	4.6	9.8	41.8	39.5	90	0	1
RU1804135	293	53.0	69.8	9.7	10.5	45.0	40.5	92	0	1
RU1804139	297	62.9	71.7	3.5	11.4	44.0	39.3	89	0	1
RU1904209	271	57.5	70.5	6.2	11.0	44.0	43.0	90	10	2
RU2004071	265	45.1	69.1	2.8	10.3	45.3	40.3	91	0	1
RU2004191	285	45.8	70.3	6.3	10.7	45.4	42.3	92	0	1
RU2004195	286	57.7	69.2	7.2	11.5	45.4	42.0	88	0	1
Conventional										
Cheniere	271	62.1	73.4	5.3	9.9	43.8	36.5	88	20	2
Diamond	287	51.0	70.7	1.3	11.7	46.3	46.5	91	0	1
LaKast	253	54.8	70.6	5.3	10.5	44.6	40.3	88	25	2
Mermentau	275	62.4	71.0	5.7	10.6	44.4	39.3	71	0	1
Rex	282	59.0	68.8	6.3	11.3	44.7	42.8	89	0	1
Sabine	280	61.8	71.4	2.8	10.2	45.2	38.8	90	0	1
Thad	273	48.6	69.4	5.1	11.4	46.4	35.8	89	0	1
RU1804067	282	55.8	68.5	5.3	10.8	44.8	38.8	87	0	1
RU1804214	287	54.5	70.1	4.6	11.3	45.1	41.3	90	0	1
RU1904127	288	61.0	71.3	3.5	10.5	44.9	40.0	90	0	1
RU1904155	303	41.2	69.5	4.9	11.0	45.8	43.0	91	0	1
RU1904163	294	39.5	69.6	5.0	10.9	44.4	38.8	91	0	1
RU1904175	212	51.4	70.1	4.2	10.3	44.3	36.3	91	65	4
RU1804071	287	57.7	69.9	3.0	10.5	44.8	41.8	92	0	1
RU1904131	285	57.6	71.2	7.4	11.7	44.6	42.5	93	0	1

¹Planting date: April 6. Emergence: April 18. Herbicides: May 13 - 0.5 oz dry/acre of Regiment, .67 oz dry/acre of Permit Fertilizer: May 13 - 292 lbs/acre of 41-0-0-4, June 10 - 115 lbs/acre of 41-0-0-4 Insecticide: Fungicide: July 8 - 17 oz/acre of Stratego Flood date: Drain Date: August 12. Harvested: Sep. 8.

LSD = A difference of 41 bu/A is required for one variety to differ from another at the 5% probability level. C.V. = 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 1000 kernels.