



MISSISSIPPI STATE UNIVERSITY™
 MS AGRICULTURAL AND
 FORESTRY EXPERIMENT STATION

Performance of rice varieties, hybrids, and experimental lines grown on Sharkey Silty Clay near Pace, Mississippi (33.8185.-90.8477), 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	288	58.8	69.7	7.0	9.5	39.9	45.0	79	57.5	3
RT7321FP	276	54.9	70.2	4.8	11.1	42.0	42.8	77	50	3
XP753	305	61.7	71.9	5.3	12.2	41.6	42.5	78	47.5	3
RT7301	320	62.8	71.8	6.5	12.6	42.2	40.8	78	40	3
RT7501	331	61.6	70.4	3.5	19.6	40.1	41.5	82	0	1
Clearfield/Provisia										
CLL15	260	64.1	71.8	3.9	14.2	42.0	39.3	81	0	1
CLL16	265	55.7	67.8	4.2	22.6	44.6	41.8	83	0	1
CLL17	222	59.6	69.8	4.7	13.0	42.0	40.8	79	85	4
CL153	215	63.9	71.3	4.6	13.3	42.6	39.3	80	0	1
CL163	235	62.5	70.5	4.3	15.3	42.4	41.8	82	0	1
CLX54197	246	61.6	70.1	7.5	12.0	43.9	38.8	80	0	1
PVL01	228	61.3	71.9	3.5	14.0	40.5	40.5	83	0	1
PVL02	181	63.5	72.7	4.8	12.6	43.0	41.0	80	95	4
RU1804147	228	59.9	68.9	5.5	15.1	42.9	43.5	81	20	2
RU1704055	252	52.3	67.4	6.3	14.3	39.4	39.8	82	0	1
RU1804135	250	59.9	70.4	6.7	13.9	42.2	40.3	83	0	1
RU1804139	256	62.4	71.8	7.1	19.5	41.9	39.0	82	0	1
RU1904209	187	64.6	71.5	5.1	16.3	41.7	46.0	81	15	2
RU2004071	275	59.1	69.1	6.9	18.9	43.4	40.0	83	0	1
RU2004191	256	62.2	70.6	6.0	18.1	43.6	42.5	83	0	1
RU2004195	276	60.7	69.8	6.9	10.1	43.5	43.3	81	0	1
Conventional										
Cheniere	239	65.9	73.4	2.8	14.3	42.5	39.5	82	0	1
Diamond	261	61.5	71.5	5.1	19.7	44.4	45.8	83	0	1
LaKast	270	59.2	71.2	2.8	12.4	43.5	45.3	80	13	2
Mermentau	278	63.1	70.9	7.6	12.0	42.3	43.0	80	0	1
Rex	283	60.8	68.6	7.2	8.9	42.6	42.5	82	0	1
Sabine	267	66.0	71.9	3.8	12.0	43.8	40.3	83	0	1
Thad	281	61.7	69.5	2.1	9.4	45.0	39.8	81	0	1
RU1804067	265	58.0	68.8	6.8	11.1	42.7	41.0	82	0	1
RU1804214	251	63.8	70.9	3.6	12.0	43.7	40.8	82	0	1
RU1904127	269	63.4	71.2	6.8	11.8	42.9	43.8	80	0	1
RU1904155	271	57.9	69.1	6.2	15.9	44.1	44.0	83	0	1
RU1904163	273	58.5	69.5	7.1	10.6	43.2	37.5	83	0	1
RU1904175	244	58.8	69.0	5.4	13.6	42.2	40.8	83	0	1
RU1804071	265	61.1	70.1	6.5	10.7	43.4	41.0	82	0	1
RU1904131	255	62.8	71.9	6.9	12.9	42.2	39.8	83	0	1

¹Planting date: May 3. Emergence: May 13. Herbicides: Fertilizer: Insecticide: Fungicide: Flood date: Drain Date: Harvested: Sep. 10.
 LSD = A difference of 38 bu/A is required for one variety to differ from another at the 5% probability level. C.V. = 8.9%

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.