MISSISSIPPI STATE UNIVERSITY™
MS AGRICULTURAL AND FORESTRY EXPERIMENT STATION

Performance of rice varieties, hybrids, and experimental lines grown on Forestdale silty clay loam soil near Tutwiler, Mississippi (34°00'27.9"N 90°28'38.9"W), 2018.[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]	1000 Seed Weight[7]
	bu/A	*%*	*%*	*%*	*%*	*lb*	*in*	*days*	*%*	*(1-5)*	*g*
					Hybrids						
CL XL745	311	60.8	71.1	9.0	12.2	40.5	44.0	69	37.5	2	27.5
RT7311 CL	353	58.3	70.8	12.4	12.2	40.1	43.8	69	0	1	26.0
XP753	381	60.9	71.8	14.4	12.0	41.0	45.3	69	0	1	26.5
Gemini 214 CL	383	60.1	70.6	8.9	12.0	40.5	45.5	73	0	1	26.0
RT7801	354	60.3	71.0	6.7	14.9	40.2	44.8	81	0	1	29.0
					Clearfield						
CL111	288	63.6	71.1	6.0	12.2	43.1	42.5	71	0	1	23.8
CL151	277	62.8	70.9	9.9	12.5	43.8	42.0	73	0	1	23.0
CL153	295	64.8	71.2	6.0	13.0	42.7	42.0	77	0	1	24.6
CL163	258	61.5	69.9	10.1	13.0	42.1	42.5	81	0	1	21.6
CL172	238	64.0	71.2	4.6	13.6	43.5	40.0	78	0	1	20.0
PVL01	247	57.8	70.5	10.3	13.6	40.8	41.5	81	0	1	20.8
RU1504083	285	58.4	69.6	12.0	12.4	43.7	38.3	74	0	1	23.6
RU1504197	275	62.9	69.9	9.2	12.5	45.3	42.0	78	0	1	22.8
RU1604197	275	62.1	70.7	8.9	15.2	44.5	42.3	79	0	1	23.6
RU1704055	290	58.1	69.9	10.4	12.7	39.3	41.8	80	0	1	24.1
RU1704122	304	53.5	70.7	10.3	12.1	41.3	41.3	74	0	1	25.1
RU1704154	244	58.1	70.0	13.0	12.1	42.5	40.0	75	0	1	20.2
RU1704196	186	60.6	68.8	8.8	12.2	42.2	41.8	74	38	2	15.4
RU1704198	276	60.2	69.9	7.4	12.2	41.0	37.5	78	0	1	22.9
17CLST022	274	60.9	70.2	10.3	12.6	42.3	38.3	80	0	1	22.8
					Conventional						
Bowman	227	63.7	70.9	5.4	13.4	44.6	39.0	81	0	1	19.0
Cheniere	247	66.1	73.4	6.9	12.7	43.4	40.0	80	0	1	20.6
Diamond	283	58.3	69.9	8.1	15.3	44.7	41.8	78	0	1	24.3
LaKast	306	56.9	70.6	6.9	12.5	44.4	44.8	75	0	1	25.4
Mermentau	253	64.3	71.1	15.7	14.2	43.3	40.0	76	0	1	21.5
Rex	278	60.5	69.2	8.6	12.5	44.0	40.5	77	0	1	23.1
Sabine	209	66.4	71.4	6.8	12.3	44.3	40.3	79	0	1	17.3
Thad	270	64.4	70.3	6.1	15.6	46.0	41.0	81	0	1	23.3
RU1604193	294	64.0	72.0	4.8	13.2	44.9	47.0	82	0	1	24.6
RU1704077	300	61.4	69.2	9.8	15.2	44.9	44.3	77	0	1	25.7
RU1704114	218	61.8	70.4	9.9	12.1	39.6	39.3	74	0	1	18.1
RU1704157	284	63.6	72.1	7.7	12.4	43.7	43.3	77	0	1	23.5
17HAST008	299	61.7	70.2	11.9	12.9	42.8	38.3	75	0	1	24.9
17HAST009	290	63.1	69.6	10.1	14.7	42.9	41.3	79	0	1	24.7
17CVST010	287	61.2	69.9	13.6	13.7	44.1	42.0	82	0	1	24.2
17CVST004	298	62.3	70.5	7.5	12.7	43.9	38.0	79	0	1	24.8

[1]**Planting date:** April 12. **Emergence:** April 28. **Herbicides:** . **Fertilizer:** . **Insecticide:** . **Fungicide:** . **Harvested:** Aug. 30.

LSD = A difference of 34 bu/A is required for one variety to differ from another at the 5% probability level. C.V. = 7.4%

[2]Rough rice at 12% moisture.

[3]Winseedle chalk measurement

[4]Days after emergence.

[5]Percent of plot that was lodged.

[6]Severity of lodging: 1=plants totally erect, 5=plants completely on ground.

[7]Weight of 1000 kernels.