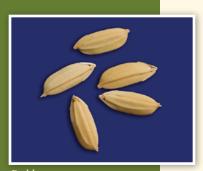
QUALITY CHARACTERIZATION OF CALIFORNIA PUBLIC RICE VARIETIES

M-208



Paddy



Brown



Milled



M-208 is an early maturing medium grain released in 2006. It is resistant to the current race of blast found in California. Its pedigree is: M-401/3/Mercury//Mercury/Koshihikari/4/M-204.

U.S. Market Type: Medium Grain

Quality Type: Calrose

	Year 1	Year 2	Year 3	Average
Grain Dimensions (Paddy)				
Average Length (mm)	8.65	8.81	8.71	8.72
Average Width (mm)	3.24	3.25	3.26	3.25
L/W Ratio	2.7	2.7	2.7	2.7
Grain Dimensions (Brown)				
Average Length (mm)	6.47	6.75	6.57	6.60
Average Width (mm)	2.82	2.87	2.91	2.87
L/W Ratio	2.3	2.4	2.3	2.3
1000 Grain Weight (g)	24.1	24.6	26.0	24.9
Grain Dimensions (Milled)				
Average Length (mm)	5.96	6.11	6.06	6.04
Average Width (mm)	2.73	2.75	2.82	2.77
L/W Ratio	2.2	2.2	2.2	2.2
Physicochemical Tests				
Apparent Amylose (%)	16.7	17.3	18.0	17.3
Alkali Spreading Value (1.7% KOH)	6.6	6.9	7.0	6.8
Protein (%)				
Brown	N/A**	N/A**	6.2	6.2
Milled	6.7	4.9	5.3	5.6
Rapid Visco Analyzer (AACC Method)				
Peak	288	308	285	294
Hot Paste	169	176	138	161
Cool Paste	246	282	240	256
Setback	-24	-26	-46	-32
Consistency	111	121	106	113
Breakdown	119	132	145	132
Pasting Temperature (°C)	72	71	72	72

^{**} Data not available.

^{*} Physicochemical testing provided by: the Rice Experiment Station and USDA-ARS Rice End-Use Quality Research Laboratory. Samples were grown and processed at the Rice Experiment Station. Research supported in-part by a grant from the California Rice Commission.