

# 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
<b>Grain Dimensions (Paddy)</b>				
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
<b>Grain Dimensions (Brown)</b>				
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
<b>Grain Dimensions (Milled)</b>				
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
<b>Physicochemical Tests</b>				
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 (%)				
<i>Brown</i>	N/A**	N/A**	6.2	6.2
<i>Milled</i>	6.7	4.9	5.3	5.6
Rapid Visco Analyzer (AACC Method)				
<i>Peak</i>	288	308	285	294
<i>Hot Paste</i>	169	176	138	161
<i>Cool Paste</i>	246	282	240	256
<i>Setback</i>	-24	-26	-46	-32
<i>Consistency</i>	111	121	106	113
<i>Breakdown</i>	119	132	145	132
<i>Pasting Temperature (°C)</i>	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.

