

M-206



Paddy



Brown



Milled

M-206 is an early maturing medium grain released for seed production in 2003. It is expected to be broadly adapted to California's rice growing regions. Its pedigree is: S-301/M-204.

U.S. Market Type: Medium Grain

Quality Type: Calrose

	Year 1	Year 2	Year 3	Average
Grain Dimensions (Paddy)				
Average Length (mm)	8.46	8.46	8.75	8.56
Average Width (mm)	3.15	3.13	3.35	3.21
L/W Ratio	2.7	2.7	2.6	2.7
Grain Dimensions (Brown)				
Average Length (mm)	6.23	6.16	6.28	6.22
Average Width (mm)	2.75	2.80	2.90	2.82
L/W Ratio	2.3	2.2	2.2	2.2
1000 Grain Weight (g)	24.4	24.0	25.3	24.6
Grain Dimensions (Milled)				
Average Length (mm)	5.84	5.84	5.84	5.84
Average Width (mm)	2.71	2.71	2.82	2.75
L/W Ratio	2.2	2.2	2.1	2.2
Physicochemical Tests				
Apparent Amylose (%)	18.1	17.9	17.0	17.7
Alkali Spreading Value (1.7% KOH)	6.5	6.1	6.7	6.4
Protein (%)				
<i>Brown</i>	7.5	6.2	6.3	6.7
<i>Milled</i>	6.3	5.6	5.7	5.9
Rapid Visco Analyzer (AACC Method)				
<i>Peak</i>	309	267	292	289
<i>Hot Paste</i>	161	138	138	146
<i>Cool Paste</i>	268	239	233	247
<i>Setback</i>	-41	-28	-59	-43
<i>Consistency</i>	107	101	95	101
<i>Breakdown</i>	149	129	154	144
<i>Pasting Temperature (°C)</i>	72	71	73	72



* 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.