

# Calmati-201



Paddy



Brown



Milled

*Calmati-201 is an early maturing basmati type long grain released in 1999. It is the first basmati type adapted to California. Its pedigree is: 85H3942//L-202/Dehraduni/3/83-Y-45/PI457918.*

**U.S. Market Type:** Aromatic Long Grain

**Quality Type:** Basmati

	Year 1	Year 2	Year 3	Average
<b>Grain Dimensions (Paddy)</b>				
Average Length (mm)	9.65	9.70	9.57	9.64
Average Width (mm)	2.34	2.34	2.41	2.36
L/W Ratio	4.1	4.1	4.0	4.1
<b>Grain Dimensions (Brown)</b>				
Average Length (mm)	7.34	7.25	7.29	7.29
Average Width (mm)	2.17	2.09	2.27	2.18
L/W Ratio	3.4	3.5	3.2	3.4
1000 Grain Weight (g)	20.8	20.3	21.2	20.8
<b>Grain Dimensions (Milled)</b>				
Average Length (mm)	6.80	6.76	6.80	6.79
Average Width (mm)	2.07	2.10	2.11	2.09
L/W Ratio	3.3	3.2	3.2	3.2
<b>Physicochemical Tests</b>				
Apparent Amylose (%)	23.3	23.2	23.5	23.3
Alkali Spreading Value (1.7% KOH)	5.6	4.7	4.0	4.8
Protein (%)				
<i>Brown</i>	9.6	10.5	7.1	9.1
<i>Milled</i>	9.2	9.7	6.8	8.6
Rapid Visco Analyzer (AACC Method)				
<i>Peak</i>	203	197	218	206
<i>Hot Paste</i>	134	131	139	135
<i>Cool Paste</i>	263	301	274	279
<i>Setback</i>	60	104	56	73
<i>Consistency</i>	104	170	135	136
<i>Breakdown</i>	95	66	79	80
<i>Pasting Temperature (°C)</i>	78	83	79	80



\* 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.