

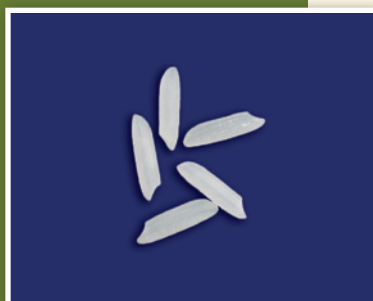
# Calmati-202



Paddy



Brown



Milled

*Calmati-202 is an early maturing basmati type long grain released in 2006. It is basmati type adapted to California with improved grain and cooking characteristic over Calmati-201. Its pedigree is: A-201/4/85H3942//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)	10.62	10.14	10.12	10.29
Average Width (mm)	2.29	2.24	2.33	2.29
L/W Ratio	4.7	4.5	4.3	4.5
<b>Grain Dimensions (Brown)</b>				
Average Length (mm)	8.24	8.02	7.82	8.03
Average Width (mm)	2.05	2.03	2.11	2.06
L/W Ratio	4.0	3.9	3.7	3.9
1000 Grain Weight (g)	22.75	21.75	22.12	22.21
<b>Grain Dimensions (Milled)</b>				
Average Length (mm)	7.46	7.32	7.18	7.32
Average Width (mm)	1.96	1.93	1.99	1.96
L/W Ratio	3.8	3.8	3.6	3.7
<b>Physicochemical Tests</b>				
Apparent Amylose (%)	25.1	24.6	24.7	24.8
Alkali Spreading Value (1.7% KOH)	4.3	4.3	4.5	4.4
Protein (%)				
<i>Brown</i>	7.3	8.4	8.4	8.0
<i>Milled</i>	6.6	7.8	8.0	7.5
Rapid Visco Analyzer (AACC Method)				
<i>Peak</i>	224	207	184	205
<i>Hot Paste</i>	130	130	126	129
<i>Cool Paste</i>	268	270	253	264
<i>Setback</i>	44	63	69	59
<i>Consistency</i>	138	140	127	135
<i>Breakdown</i>	94	77	58	76
<i>Pasting Temperature (°C)</i>	82	82	83	82



\* 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.