

Calhikari-201



Paddy



Brown



Milled

*Calhikari-201 is an early maturing premium quality short grain released in 1999. It is the first semidwarf of this type for California. It has the pedigree: Koshihikari/(Koshihikari/S-102)*2.*

U.S. Market Type: Short Grain

Quality Type: Premium Short Grain

	Year 1	Year 2	Year 3	Average
Grain Dimensions (Paddy)				
Average Length (mm)	7.11	7.24	7.11	7.15
Average Width (mm)	3.37	3.42	3.40	3.40
L/W Ratio	2.1	2.1	2.1	2.1
Grain Dimensions (Brown)				
Average Length (mm)	5.07	5.09	5.04	5.07
Average Width (mm)	2.98	2.93	2.98	2.96
L/W Ratio	1.7	1.7	1.7	1.7
1000 Grain Weight (g)	20.8	20.3	19.8	20.3
Grain Dimensions (Milled)				
Average Length (mm)	4.75	4.77	4.78	4.77
Average Width (mm)	2.91	2.89	2.89	2.90
L/W Ratio	1.6	1.7	1.7	1.7
Physicochemical Tests				
Apparent Amylose (%)	18.5	17.5	18.6	18.2
Alkali Spreading Value (1.7% KOH)	7.0	7.0	6.3	6.8
Protein (%)				
<i>Brown</i>	6.8	7.2	6.0	6.7
<i>Milled</i>	6.0	6.0	5.2	5.7
Rapid Visco Analyzer (AACC Method)				
<i>Peak</i>	265	289	268	274
<i>Hot Paste</i>	144	158	142	148
<i>Cool Paste</i>	253	263	245	254
<i>Setback</i>	-12	-26	-23	-20
<i>Consistency</i>	103	105	103	104
<i>Breakdown</i>	126	131	126	128
<i>Pasting Temperature (°C)</i>	71	74	73	73



* 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.