

L-205



Paddy



Brown



Milled

L-205 is an early maturing long grain released in 1999. It has shown improved milling yields, a slightly smaller kernel size, high amylose content, and strong viscogram profile. Its pedigree is: M7/L-201 sib/ M7/R1588//3/L-202 sib/4/Rexmont/83Y45.

U.S. Market Type: Long Grain

Quality Type: Superior Long Grain (New Rex)

	Year 1	Year 2	Year 3	Average
Grain Dimensions (Paddy)				
Average Length (mm)	9.50	9.73	9.39	9.54
Average Width (mm)	2.43	2.50	2.51	2.48
L/W Ratio	3.9	3.9	3.7	3.8
Grain Dimensions (Brown)				
Average Length (mm)	7.20	7.41	7.38	7.33
Average Width (mm)	2.27	2.23	2.30	2.27
L/W Ratio	3.2	3.3	3.2	3.2
1000 Grain Weight (g)	21.6	22.0	21.5	21.7
Grain Dimensions (Milled)				
Average Length (mm)	6.83	6.85	6.89	6.86
Average Width (mm)	2.18	2.18	2.17	2.18
L/W Ratio	3.1	3.1	3.2	3.1
Physicochemical Tests				
Apparent Amylose (%)	23.1	24.5	24.6	24.1
Alkali Spreading Value (1.7% KOH)	5.6	4.9	4.5	5.0
Protein (%)				
<i>Brown</i>	8.6	8.6	6.8	8.0
<i>Milled</i>	7.7	8.6	6.7	7.7
Rapid Visco Analyzer (AACC Method)				
<i>Peak</i>	270	285	262	272
<i>Hot Paste</i>	171	183	174	176
<i>Cool Paste</i>	345	368	346	353
<i>Setback</i>	74	84	84	81
<i>Consistency</i>	133	186	172	164
<i>Breakdown</i>	140	102	87	110
<i>Pasting Temperature (°C)</i>	77	79	78	78



* 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.