

# L-205



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.

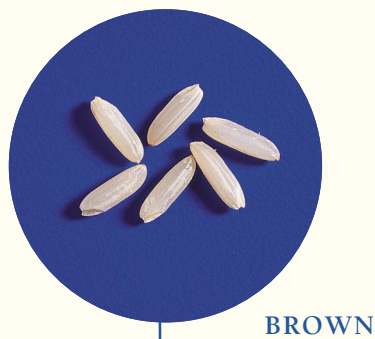
**U.S. MARKET TYPE:  
LONG GRAIN**

	2000	2001	2002
<b>Grain Dimensions (Paddy)</b>			
Average Length (mm)	9.50	9.73	9.39
Average Width (mm)	2.43	2.50	2.51
L/W Ratio	3.9	3.9	3.7
<b>Grain Dimensions (Brown)</b>			
Average Length (mm)	7.20	7.41	7.38
Average Width (mm)	2.27	2.23	2.30
L/W Ratio	3.2	3.3	3.2
1000 Grain Weight (g)	21.6	22.0	21.5
<b>Grain Dimensions (Milled)</b>			
Average Length (mm)	6.83	6.85	6.89
Average Width (mm)	2.18	2.18	2.17
L/W Ratio	3.1	3.1	3.2
Apparent Amylose (%)	23.1	24.5	24.6
<b>Protein (%)</b>			
Brown	8.6	8.6	6.8
Milled	7.7	8.0	6.7
Alkali Spreading Value (1.5% KOH)	4.1	3.7	2.4
Alkali Spreading Value (1.7% KOH)	5.6	4.9	4.5
Cooking Time (min)	18.5	20.5	20.1
<b>Differential Scanning Calorimetry</b>			
Gelatinization Temperature (°C)	73.0	74.3	73.4

**QUALITY TYPE:**

**SUPERIOR LONG GRAIN**

	2000	2001	2002
<b>Rapid Visco Analyzer</b>			
<i>AACC Method:</i>			
Peak	270	285	262
Hot Paste	171	183	174
Cool Paste	345	368	346
Setback	74	84	84
Consistency	133	186	172
Breakdown	140	102	87
Pasting Temperature (°C)	77.0	78.9	77.5
<i>Japanese Method:</i>			
Peak	312	317	265
Hot Paste	167	178	141
Cool Paste	353	372	323
Setback	41	56	58
Consistency	186	194	182
Breakdown	145	138	125
Pasting Temperature (°C)	76.5	78.4	77.1
<b>Controlled Stress Rheometer (Pa.s)</b>			
Peak	0.45	0.53	0.43
Hot Paste	0.36	0.40	0.34
Cool Paste	0.63	0.68	0.67
Setback	0.19	0.14	0.24
Consistency	0.27	0.28	0.34
Breakdown	0.09	0.13	0.10
Pasting Temperature (°C)	72.8	73.4	72.5



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