

## ARICA 4



### I - Identification

<p><b>1.1 Name:</b> ARICA 4  <b>1.2 Other Names:</b> ART3-11-L1P1-B-B-2  <b>1.3 Species:</b>  <b>1.4 Varietal type:</b>  <b>1.5 Pedigree:</b> ART3-11-L1P1-B-B-2</p>	<p><b>1.6 Parents:</b> WAB56-104/CG14//WAB56-104//IDSA/ROK 16  <b>1.7 Genetic Nature:</b> Pure Line  <b>1.8 Geographic origin:</b> AfricaRice/Cotonou  <b>1.9 Developer:</b> AfricaRice  <b>1.10 Maintainer:</b> AfricaRice</p>
--	---

### II – Agronomic characteristics

<p><b>2.1 Ecology:</b> upland  <b>2.2 Days to heading (50%):</b>  <b>2.3 Maturity (days):</b> 120  <b>2.4 Yield potential (kg<sup>ha-1</sup>):</b> 4500</p>	<p><b>2.5 1000 grain-weight (g):</b> 28  <b>2.6 Disease resistance:</b> resistant to BLB, Blast, BLS and Brown spot  <b>2.7 Insect resistance:</b>  <b>2.8 Other notable characteristics:</b> drought tolerant, milling aroma</p>
---	---

### III – Morphologic characteristics

<p><b>3.1 Plant</b></p> <ul style="list-style-type: none"> <li>- Plant height (cm): 85</li> <li>- Basal leaf sheath color: green</li> <li>- Leaf blade color: dark green</li> <li>- Flag leaf attitude: erect</li> <li>- Flag leaf length (cm): 28</li> <li>- Flag leaf width (mm) : 1.7</li> <li>- Number of tillers: 6</li> </ul>	<p><b>3.2 Panicle</b></p> <ul style="list-style-type: none"> <li>- Type: semi compact</li> <li>- Exertion: well exerted</li> <li>- Length (cm): 20</li> <li>- Number of panicles: 10.2</li> </ul>	<p><b>3.3 Grain</b></p> <ul style="list-style-type: none"> <li>- Length (mm): 6.5</li> <li>- Width (mm): 2.1</li> <li>- Thickness (mm): 2,03</li> <li>- Lemma color: gold</li> <li>- Awn: none</li> <li>- <i>Lemma and Palea</i> pubescence: Gold</li> <li>- Apiculus color: none</li> <li>- Caryopsis color: white</li> </ul>
---	---	--

### IV – Organoleptic and technology characteristics

<p><b>4.1 Milling (%):</b> 64,90  <b>4.2 Amylose content:</b> 18,6  <b>4.3 Gelatinization temperature:</b> Low  <b>4.4 Grain hardness:</b> 6,09  <b>4.5 Chalkiness:</b> 28,68</p>	<p><b>4.6 Water uptake ratio:</b> 1,52  <b>4.7 Cooking time (min):</b> 19</p>
---	---