

## ARICA 5



### I - Identification

<p><b>1.1 Name:</b> ARICA 5  <b>1.2 Other Names:</b> WAB95-B-B-40HB  <b>1.3 Species:</b>  <b>1.4 Varietal type:</b>  <b>1.5 Pedigree :</b> WAB 95-B-B-40-HB</p>	<p><b>1.6 Parents:</b> ITA 257//IDSA 6/ROK/6  <b>1.7 Genetic Nature:</b> Pure Line  <b>1.8 Geographic origin:</b> AfricaRice/Cotonou  <b>1.9 Developer:</b> AfricaRice/Cotonou  <b>1.10 Maintainer:</b> AfricaRice</p>
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### II – Agronomic characteristics

<p><b>2.1 Ecology:</b> upland  <b>2.2 Days to heading (50%):</b>  <b>2.3 Maturity (days):</b> 110  <b>2.4 Yield potential (kg<sup>ha-1</sup>):</b> 3800</p>	<p><b>2.5 1000 grain-weight (g):</b> 32  <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, milled aroma</p>
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### III – Morphologic characteristics

<p><b>3.1 Plant</b>          - Plant height (cm): 83          - Basal leaf sheath color: green          - Leaf blade color: light green          - Flag leaf attitude: semi-erect          - Flag leaf length (cm): 28          - Flag leaf width (mm): 1.7          - Number of tillers: 8</p>	<p><b>3.2 Panicle</b>          - Type: semi compact          - Exertion: well exerted          - Length (cm): 19          - Number of panicles: 9</p>	<p><b>3.3 Grain</b>          - Length (mm): 6.3          - Width (mm): 2.4          - Thickness (mm): 2,21          - Lemma color: straw          - Awn: none          - <i>Lemma</i> and <i>Palea</i> pubescence: straw          - Apiculus color: Absent          - Caryopsis color: white</p>
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### IV – Organoleptic and technology characteristics

<p><b>4.1 Milling (%):</b> 63,04  <b>4.2 Amylose content:</b> 20,51  <b>4.3 Gelatinization temperature:</b> Intermediate  <b>4.4 Grain hardness:</b> 7,36  <b>4.5 Chalkiness:</b> 22,35</p>	<p><b>4.7 Water uptake ratio:</b> 1,51  <b>4.8 Cooking time (min):</b> 23</p>
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