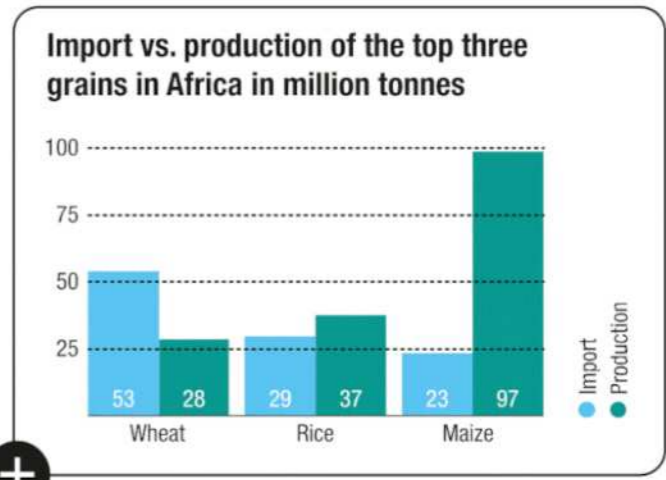


THE PROMISE OF TRADITIONAL CROPS...

Many traditional grains, pulses, and tuber crops grown across the African continent could make a substantial contribution to its food and nutrition security. Boosting production and processing of these crops reduces Africa's reliance on imported grains. Bühler technologists are working on industrial-scale processing solutions for these superfoods.



MAIZE, RICE, AND WHEAT

African countries spend more than \$75 billion to import over 100 million tonnes of cereals a year, despite having a booming agriculture sector. The most consumed grains are maize, rice, and wheat.

- 01** World's most produced crops: Wheat, rice, maize, barley, sorghum.
- 02** Wheat, rice, and maize account for 41% of the world's caloric intake.
- 03** Import dependence on a few crops makes populations vulnerable to shocks.

<p>01</p> <p>CASSAVA 202 M tonnes*</p> <p>Benefits: drought tolerant, gluten-free, nutrient-rich, fiber-rich, high protein, pest tolerant</p> <p>Use: As a root vegetable, full or partial wheat-flour supplement</p> <p>Amazing fact: The tapioca pearls in bubble tea are made from cassava flour</p>	<p>02</p> <p>SORGHUM 26 M tonnes*</p> <p>Benefits: drought resistant, gluten-free, nutrient-rich, fiber-rich, high protein, pest tolerant</p> <p>Use: As whole grain or flour, full or partial wheat-flour replacement</p> <p>Amazing fact: Sorghum can be popped like popcorn</p>	<p>03</p> <p>MILLET 11 M tonnes*</p> <p>Benefits: drought resistant, gluten-free, nutrient-rich, fiber-rich, high protein, pest tolerant</p> <p>Use: Flour, full or partial wheat-flour supplement, beer and liquor, porridge</p> <p>Amazing fact: Millets are among the first plants to be domesticated in West Africa</p>	<p>04</p> <p>COWPEAS 9 M tonnes*</p> <p>Benefits: drought tolerant, gluten-free, nutrient-rich, fiber-rich, high protein, pest tolerant</p> <p>Use: Flour, wheat-flour supplement, stews, soups</p> <p>Amazing fact: Cowpeas are also called black-eyed peas</p>	<p>05</p> <p>TEFF 6 M tonnes*</p> <p>Benefits: drought resistant, gluten-free, nutrient-rich, fiber-rich, high protein, pest tolerant</p> <p>Use: Flour, wheat-flour supplement, porridge, baby food</p> <p>Amazing fact: Most grains don't contain Vitamin C, but teff is full of it</p>	<p>06</p> <p>FONIO 0.7 M tonnes*</p> <p>Benefits: drought resistant, gluten-free, nutrient-rich, fiber-rich, high protein, pest tolerant</p> <p>Use: Whole meal, couscous, porridge, full or partial wheat-flour supplement</p> <p>Amazing fact: It was found entombed in Egyptian pyramids</p>
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*Production in Africa in 2021