

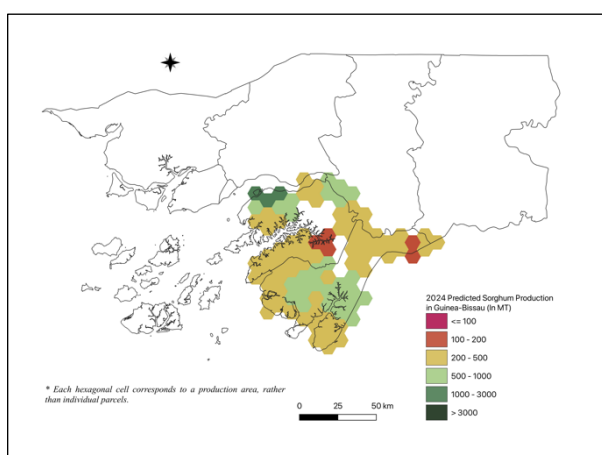
AAGWa Crop Production Forecasts Brief Series Guinea-Bissau – Sorghum

Aïssatou Ndoye*, Mansour Dia**, and Khadim Dia***

No. 190, August 2024

The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for ten major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow

Figure 1. Guinea-Bissau 2024 Sorghum Production Forecast.



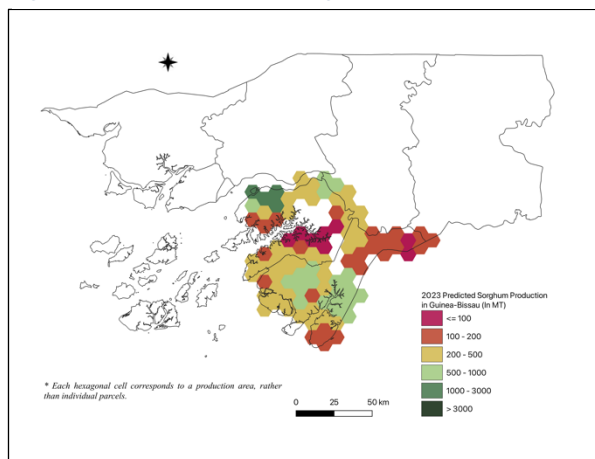
Data source: Africa Agriculture Watch (www.aagwa.org).

In 2024, sorghum production in Guinea-Bissau is projected to reach 21,293 metric tons (MT), which indicates a 15% increase over 2023 production levels. The most significant sorghum production levels are expected in districts such as Bedanda (Tombali), Catio (Tombali), Tite (Quinara), and Cacine (Tombali), with production volumes estimated at 4,241 MT, 4,191 MT, 3,562 MT, and 2,776 MT, respectively. In comparison, lower production values are observed in Xitole (Bafatá), Buba (Quinara), Fulacunda (Quinara), and Quebo (Tombali), with respectively, 384 MT, 1,228 MT, 1,546 MT, and 1,680 MT.

Moreover, areas such as Quebo, Catio, Empada (Quinara), and Bedanda are expected to experience the most significant sorghum production increases in 2024 compared to last year, with differences of, respectively, 717 MT, 626 MT, 526 MT, and 440 MT. These correspond to changes of, respectively, 74%, 18%, 45%, and 12%.

stakeholders across the value chain to better plan and execute policy and business actions more efficiently. The data published in the briefs are generated through the Africa Crop Production (AfCP) model, an Artificial Intelligence (AI-based) model applied to remotely sensed geo-biophysical data to produce estimates at pixel as well as administrative levels as early as the beginning of every growing season. In Brief 190, we provide forecasts on sorghum production in Guinea-Bissau.

Figure 2. Guinea-Bissau 2023 Sorghum Production Forecast.



Data source: Africa Agriculture Watch (www.aagwa.org).

*Associate Scientist, Department of Data Management, Digital Products, and Technology, AKADEMIYA2063

**Associate Scientist, Department of Data Management, Digital Products, and Technology, AKADEMIYA2063

***Senior Associate Scientist, Department of Data Management, Digital Products, and Technology, AKADEMIYA2063



Annex – 2024 South Sudan Sorghum Production Forecast at District Level

Regions	Distircts	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Bafatá	Xitole	384	293	91	31%
Quinara	Buba	1228	843	385	46%
Quinara	Empada	1685	1158	526	45%
Quinara	Fulacunda	1546	1356	190	14%
Quinara	Tite	3562	3833	-270	-7%
Tombali	Bedanda	4241	3801	440	12%
Tombali	Cacine	2776	2720	56	2%
Tombali	Catio	4191	3565	626	18%
Tombali	Quebo	1680	963	717	74%
Total		21293	18532	2761	15%

MT (Metric tons): 1 MT is equivalent to 1,000 kilograms.

Change: refers to the relative difference and is calculated as (2024 prod – 2023 prod) divided by 2023 prod.

Suggested Citation: Ndoye, A., M. Dia, and K. Dia. 2024. AAgWa Crop Production Forecasts Brief Series Guinea-Bissau – Sorghum. AAgWa Crop Production Forecasts Brief Series, No. 190. Kigali: AKADEMIYA2063.

<https://doi.org/10.54067/acpf.190>