Africa Agriculture Watch
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AAgWa Crop Production Forecasts Brief Series

Gambia – Sorghum

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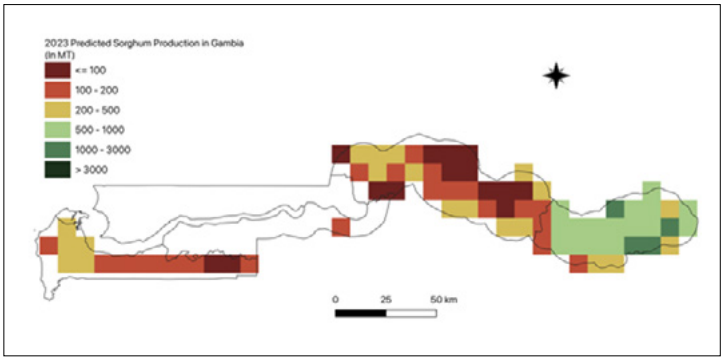
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAgWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow 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 57, we provide forecasts on sorghum production in Gambia.

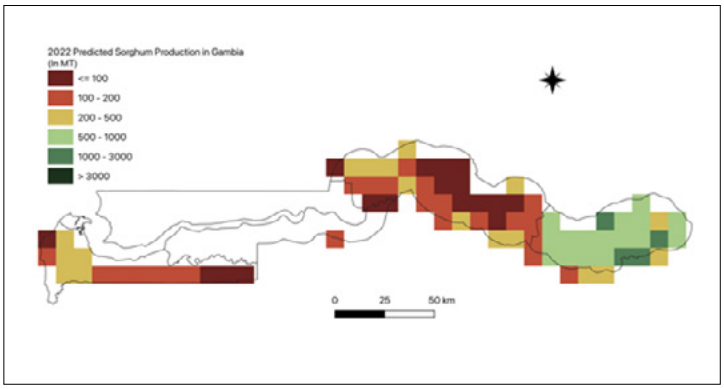
Figure 1. *Gambia 2023 sorghum production forecast.*



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

In 2023, sorghum production in Gambia is projected to reach 28,546 metric tons (MT), which corresponds to a 17% increase over 2022 production levels. Production in the Eastern districts such as Fulladu East (Upper River), Wuli (Upper River), Kantora (Upper River), Fulladu West (Maccarthy Island), and Sandu (Upper River), is expected to be higher, with levels estimated at 8,234 MT, 5,485 MT, 4,304 MT, 1,892 MT, and 1,879 MT, respectively. In comparison, lower production values are observed in Niamina West (Maccarthy Island), Foni Jarrol (Western), Foni Bondali (Western), Foni Kansala (Western), and Niamina Dankunku (Maccarthy Island), with production of, respectively, 42 MT, 108 MT, 130 MT, 139 MT, and 148 MT.

Figure 2. *Gambia 2022 sorghum production forecast.*



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

Moreover, the most significant sorghum production increases in 2023 compared to last year are expected to occur in areas such as Fulladu East, Kantora, Sandu, Kombo East (Western), and Sami with differences of respectively 1,216 MT, 691 MT, 637 MT, 633 MT, and 528 MT, corresponding to changes of respectively, 17%, 19%, 51%, 271%, and 110%.

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Annex – 2023 Gambia Sorghum Production Forecast at District level

Regions	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Lower River	Jarra East	0	51	-51	-100%
Maccarthy Island	Fulladu West	1892	1870	22	1%
Maccarthy Island	Janjanbureh	0	69	-69	-100%
Maccarthy Island	Lower Saloum	365	343	22	6%
Maccarthy Island	Niamina Dank-unku	148	113	35	31%
Maccarthy Island	Niamina East	694	610	84	14%
Maccarthy Island	Niamina West	42	219	-177	-81%
Maccarthy Island	Niani	240	180	60	33%
Maccarthy Island	Nianija	470	183	287	157%
Maccarthy Island	Sami	1009	481	528	110%
Maccarthy Island	Upper Saloum	955	945	10	1%
Upper River	Fulladu East	8234	7018	1216	17%
Upper River	Kantora	4304	3613	691	19%
Upper River	Sandu	1879	1242	637	51%
Upper River	Wuli	5485	5011	474	9%
Western	Foni Bintang Karanai	307	227	80	35%
Western	Foni Bondali	130	65	65	101%
Western	Foni Brefet	195	149	46	31%
Western	Foni Jarrol	108	82	27	32%
Western	Foni Kansala	139	132	7	5%
Western	Kombo Central	255	505	-249	-49%
Western	Kombo East	866	233	633	271%
Western	Kombo Saint Mary	281	305	-24	-8%
Western	Kombo South	546	689	-143	-21%
Total		**28546**	**24334**	**4211**	**17%**

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

Change: *refers to the relative difference and is calculated as (2023 prod – 2022 prod) divided by 2022 prod.*

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