

AAGWa Crop Production Forecasts Brief Series

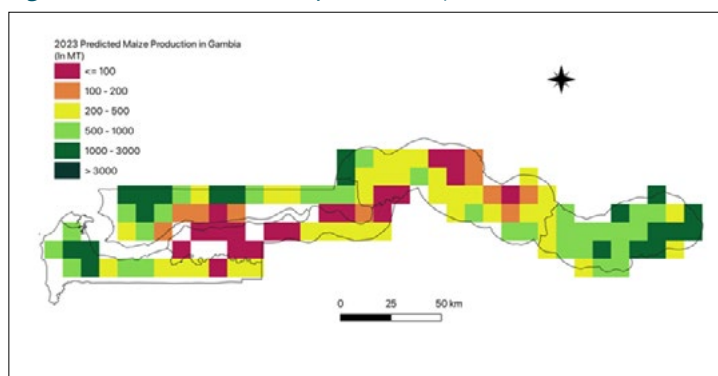
Gambia – Maize

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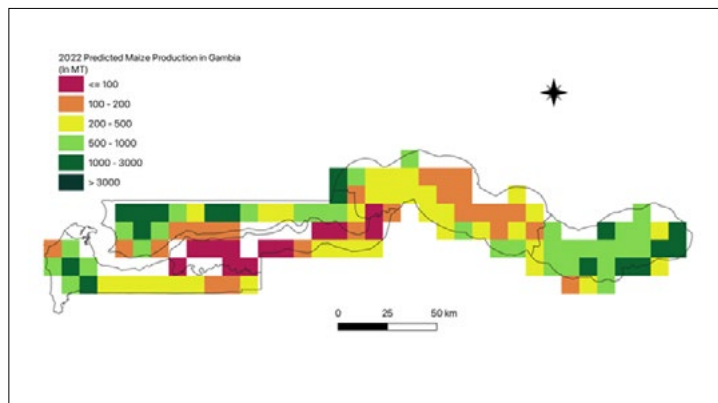
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow 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 59, we provide forecasts on Maize production in Gambia.

Figure 1. Gambia 2023 Maize production forecast.



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

Figure 2. Gambia 2022 Maize production forecast.



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

In 2023, Maize production in Gambia is projected to reach 63,406 metric tons (MT), which indicates a 12% increase over 2022 production levels. The highest maize producers are expected to be the Eastern districts such as Fulladu East (Upper River), Wuli (Upper River), Kantora (Upper River), Lower Nuimi (North Bank), and Upper Baddibu (North Bank), with production levels estimated at 10,091 MT, 6,310 MT, 5,169 MT, 4,331 MT, and 3,864 MT, respectively. In comparison, lower production values are observed in Niamina West (Maccarthy Island), Kiang East (Lower River), Kiang Central (Lower River), Kiang West (Lower River), and Foni Jarrol (Western), with production of, respectively, 62 MT, 64 MT, 86 MT, 138 MT, and 267 MT.

Compared to 2022, the most significant Maize production increases in 2023 are expected to occur in areas such as Kombo East (Western), Fulladu East, Lower Saloum (Maccarthy Island), and Lower Nuimi, Kantora, with differences of respectively 2,334 MT, 2,255 MT, 1,524 MT, 1,344 MT, and 1,010 MT. These correspond to changes of respectively, 295%, 29%, 88%, 45%, 24%, and 110%.

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Annex – 2023 Gambia Maize Production Forecast at District level

Regions	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Lower River	Jarra Central	303	294	10	3%
Lower River	Jarra East	537	187	350	187%
Lower River	Jarra West	477	88	389	442%
Lower River	Kiang Central	86	191	-105	-55%
Lower River	Kiang East	64	188	-124	-66%
Lower River	Kiang West	138	462	-324	-70%
Maccarthy Island	Fulladu West	3529	3612	-82	-2%
Maccarthy Island	Janjanbureh	0	145	-145	-100%
Maccarthy Island	Lower Saloum	3254	1730	1524	88%
Maccarthy Island	Niamina Dankunku	576	196	381	194%
Maccarthy Island	Niamina East	1242	1108	134	12%
Maccarthy Island	Niamina West	62	398	-336	-84%
Maccarthy Island	Niani	427	383	45	12%
Maccarthy Island	Nianija	844	348	496	143%
Maccarthy Island	Sami	1748	832	916	110%
Maccarthy Island	Upper Saloum	819	1828	-1009	-55%
North Bank	Central Baddibu	1482	1949	-467	-24%
North Bank	Jokadu	2366	2646	-280	-11%
North Bank	Lower Baddibu	1866	1477	389	26%
North Bank	Lower Nuimi	4331	2987	1344	45%
North Bank	Upper Baddibu	3864	4643	-779	-17%
North Bank	Upper Nuimi	2269	3220	-951	-30%
Upper River	Fulladu East	10091	7836	2255	29%
Upper River	Kantora	5169	4159	1010	24%
Upper River	Sandu	2059	1333	726	54%
Upper River	Wuli	6310	5610	700	12%
Western	Foni Bintang Karanai	881	694	188	27%
Western	Foni Bondali	300	165	135	82%
Western	Foni Brefet	579	489	90	18%



Regions	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Western	Foni Jarrol	267	217	49	23%
Western	Foni Kansala	401	406	-4	-1%
Western	Kombo Central	928	2048	-1120	-55%
Western	Kombo East	3126	792	2334	295%
Western	Kombo Saint Mary	961	1113	-151	-14%
Western	Kombo South	2047	2813	-766	-27%
Total		63406	56584	6821	12%

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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