

AAGWa Crop Production Forecasts Brief Series

Guinea – Millet

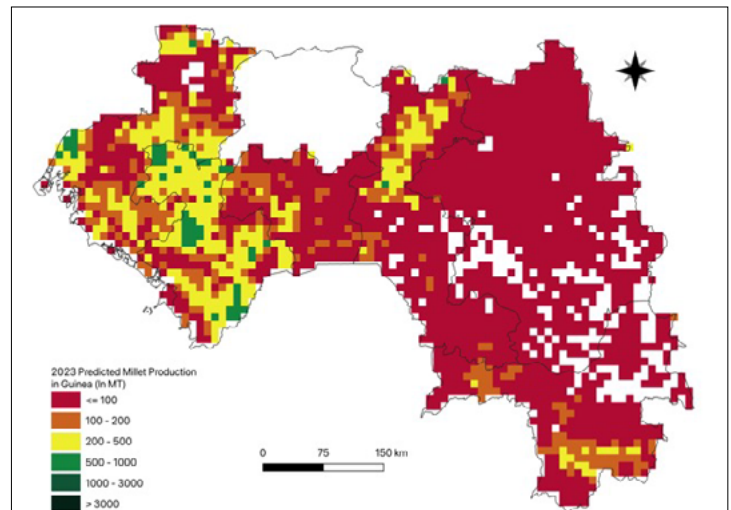
Aissatou Ndoye*, Mansour Dia**, and Khadim Dia***

No. 66, September 2023

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 66, we provide forecasts on millet production in Guinea.

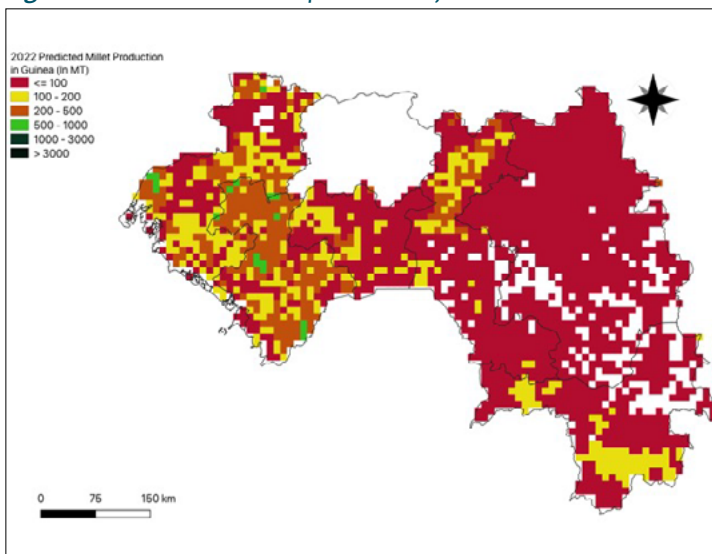
In 2023, millet production in Guinea is projected to reach 234,776 metric tons (MT), which corresponds to a 4% increase over 2022 production levels. The production landscape is not uniform across all regions. The largest millet producers are expected to be Téliimélé (Kindia), Kindia, Boké, Gaoual (Boké), and Dinguiraye (Faranah), with production level estimates reaching, 33,059 MT, 23,202 MT, 20,847 MT, 20,124 MT, and 18,689 MT, respectively. In contrast, there are regions where millet production is projected to be lower. These areas include districts such as, Conakry, Labé,

Figure 1. Guinea 2023 millet production forecast.



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

Figure 2. Guinea 2022 millet production forecast.



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

Tougué (Labé), Lélouma (Labé), and Kérouané (Kankan), with production values of, respectively, 85 MT, 202 MT, 367 MT, 378 MT, and 896 MT.

Moreover, districts such Téliimélé, Kindia, Boké, Gaoual, and Forécariah (Kindia) are expected to experience the most significant increases of millet production volumes in 2023, with differences of, 6,776 MT, 3,962 MT, 2,572 MT, 2,418 MT, and 2,265 MT, respectively. These changes represent significant percentage shifts, of respectively, 26%, 21%, 14%, 14%, and 21%.

*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 – 2023 Guinea Millet Production Forecast at District level

Regions	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Boké	Boffa	9047	7919	1128	14%
Boké	Boké	20847	18274	2572	14%
Boké	Fria	3658	3132	525	17%
Boké	Gaoual	20124	17706	2418	14%
Boké	Koundara	8827	7626	1201	16%
Conakry	Conakry	85	153	-68	-44%
Faranah	Dabola	7419	6742	678	10%
Faranah	Dinguiraye	18689	16527	2162	13%
Faranah	Faranah	4699	6315	-1616	-26%
Faranah	Kissidougou	3344	4085	-742	-18%
Kankan	Kankan	1825	4574	-2750	-60%
Kankan	Kérouané	896	2224	-1328	-60%
Kankan	Kouroussa	2068	4646	-2579	-56%
Kankan	Mandiana	1909	3768	-1859	-49%
Kankan	Siguiri	3432	6787	-3354	-49%
Kindia	Coyah	2730	2379	351	15%
Kindia	Dubréka	12189	10135	2054	20%
Kindia	Forécariah	12893	10628	2265	21%
Kindia	Kindia	23202	19241	3962	21%
Kindia	Télimélé	33059	26283	6776	26%
Labé	Labé	202	225	-23	-10%
Labé	Lélouma	378	320	59	18%
Labé	Tougué	367	329	38	12%
Mamou	Dalaba	3121	3194	-73	-2%
Mamou	Mamou	8936	9441	-505	-5%
Mamou	Pita	5193	5077	115	2%
Nzérékoré	Beyla	2333	3767	-1434	-38%
Nzérékoré	Guéckédou	4457	4428	29	1%
Nzérékoré	Lola	4184	4300	-116	-3%
Nzérékoré	Macenta	6073	6498	-425	-7%
Nzérékoré	Nzérékoré	5415	5018	398	8%
Nzérékoré	Yamou	3174	3173	1	0%
Total		234776	224917	9859	4%

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.

Suggested Citation: Ndoye, A., M. Dia, and K. Dia. 2023. AAaGwa Crop Production Forecasts Brief Series: Guinea – Millet. AAaGwa Crop Production Forecasts Brief Series, No. 66. Kigali: AKADEMIYA2063. <https://doi.org/10.54067/acpf.66>