

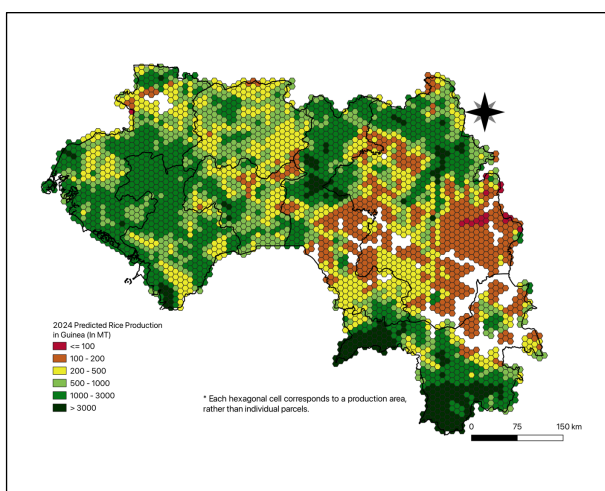
AAgWa Crop Production Forecasts Brief Series Guinea – Rice

Mansour Dia*, Khadim Dia**, and Aïssatou Ndoeye***

No. 197, September 2024

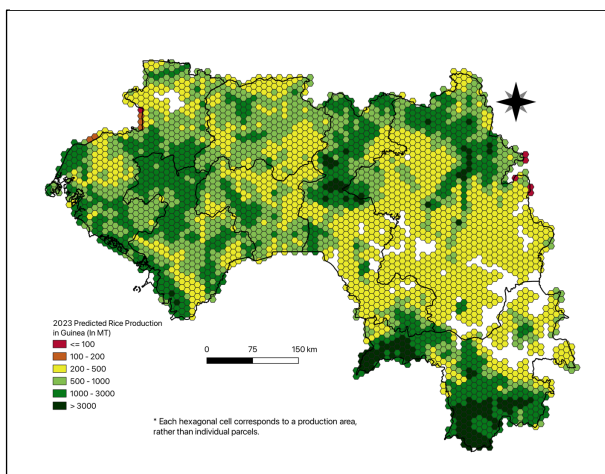
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAgWa) aims to provide more accurate and timely data on harvest and yields for ten major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow stakeholders across the value chain to better plan and execute policy and business actions more efficiently.

Figure 1. Guinea 2024 Rice Production Forecast.



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

Figure 2. Guinea 2023 Rice Production Forecast.



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

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 197, we provide forecasts on rice production in Guinea.

In 2024, rice production in Guinea is projected to reach 2,593,023 metric tons (MT), indicating a 15% increase over 2023 production levels. The highest rice producers are expected to be Siguiri (Kankan), Dinguiraye (Faranah), Guéckédou (Nzérékoré), Téliélé (Kindia), and Macenta (Nzérékoré) with production levels estimated at 240,155 MT, 189,105 MT, 136,082 MT, 134,015 MT, and 132,247 MT, respectively. On the contrary, lower production values are observed at Kérouané (Kankan), Coyah (Kindia), Fria (Boké), Lélouma (Labé), and Labé (Labé), with production of respectively, 15,044 MT, 15,702 MT, 18,795 MT, 19,924 MT, and 20,275 MT.

Compared to 2023, the most significant rice production increases in 2024 are expected in districts such as Téliélé (Kindia), Boké (Boké), Dinguiraye (Faranah), Siguiri (Kankan), and Kindia (Kindia), with differences of respectively 33,219 MT, 28,000 MT, 25,484 MT, 24,238 MT, and 23,680 MT. These correspond to changes of 33%, 27%, 16%, 11%, and 30% respectively.

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

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

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



Annex – 2024 Guinea Rice Production Forecast at District Level

Regions	Prefectures	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Boké	Boffa	81960	63181	18780	30%
Boké	Boké	131191	103191	28000	27%
Boké	Fria	18795	13924	4871	35%
Boké	Gaoual	120574	102084	18490	18%
Boké	Koundara	40371	33926	6445	19%
Conakry	Conakry	0	0	0	
Faranah	Dabola	100335	89717	10618	12%
Faranah	Dinguiraye	189105	163621	25484	16%
Faranah	Faranah	53032	50452	2580	5%
Faranah	Kissidougou	46784	42378	4406	10%
Kankan	Kankan	51608	60468	-8860	-15%
Kankan	Kérouané	15044	16954	-1910	-11%
Kankan	Kouroussa	89902	85434	4468	5%
Kankan	Mandiana	78129	75390	2738	4%
Kankan	Siguiri	240155	215917	24238	11%
Kindia	Coyah	15702	13361	2341	18%
Kindia	Dubréka	62040	47348	14692	31%
Kindia	Forécariah	69157	57634	11523	20%
Kindia	Kindia	103414	79734	23680	30%
Kindia	Télimélé	134015	100796	33219	33%
Labé	Koubia	29016	27824	1192	4%
Labé	Labé	20275	17973	2302	13%
Labé	Lélouma	19924	19150	774	4%
Labé	Mali	64929	62354	2575	4%
Labé	Tougué	31987	33885	-1898	-6%
Mamou	Dalaba	24540	23304	1236	5%
Mamou	Mamou	93954	81909	12045	15%
Mamou	Pita	42565	36177	6388	18%
Nzérékoré	Beyla	26266	25006	1260	5%
Nzérékoré	Guéckédou	136082	120217	15865	13%
Nzérékoré	Lola	86703	73447	13256	18%
Nzérékoré	Macenta	132247	109655	22592	21%
Nzérékoré	Nzérékoré	120834	103725	17109	16%
Nzérékoré	Yamou	122388	105205	17183	16%
Total		2593023	2255341	337682	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: M. Dia, K. Dia, A. Ndoeye. 2024. AAgWa Crop Production Forecasts Brief Series: Guinea – Rice. AAgWa Crop Production Forecasts Brief Series, No. 197. Kigali: AKADEMIYA2063.

<https://doi.org/10.54067/acpf.197>