

AAGWa Crop Production Forecasts Brief Series

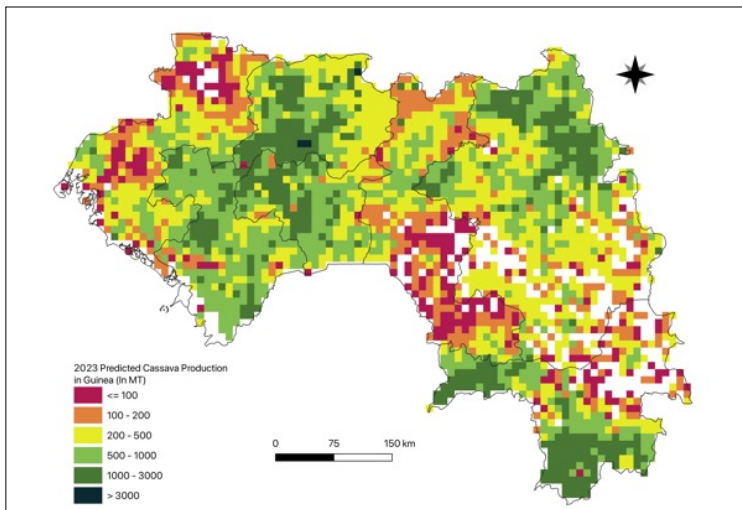
Guinea – Cassava

Aissatou Ndoye*, Khadim Dia**, and Ousmane Badiane***

No. 20, April 2023

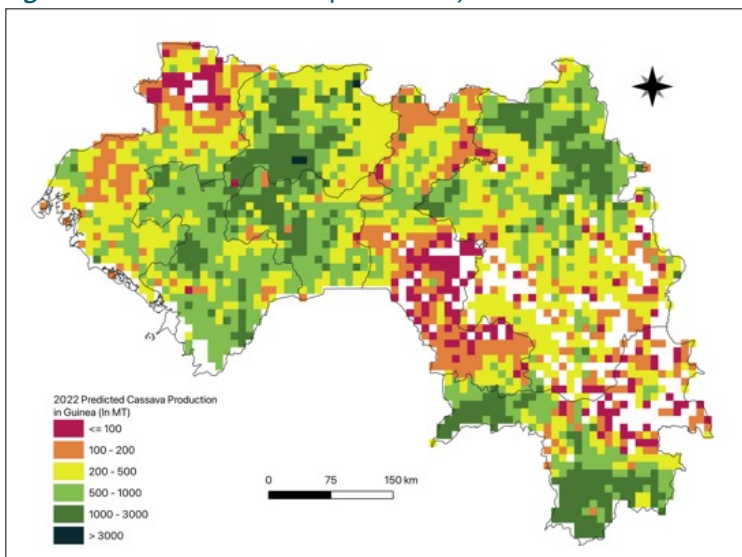
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow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

Figure 1. Guinea 2023 Cassava production forecast.



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

Figure 2. Guinea 2022 Cassava production forecast.



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

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 20, we provide forecasts on Cassava in Guinea.

In 2023, cassava production in Guinea is projected to experience an increase of 1% compared to 2022 production levels, with an annual production estimated at 1,500,234 metric tons. However, the most significant volumes of cassava are expected to be produced in districts such as Siguiri (Kankan), Mamou, Kouroussa (Kankan), Mandiana (Kankan), and Mali (Labé) with production levels estimated at 182,208 MT, 86,845 MT, 82,276 MT, 79,200 MT, and 77,966 MT, respectively. In contrast, lower production values are observed in Coyah (Kinda), Fria (Boké), Koundara (Boké), Kissidougou (Faranah), and Beyla (Nzérékoré) with production values evaluated at 8,001 MT, 10,494 MT, 12,426 MT, 15,546 MT, and 17,049 MT.

However, the most significant cassava production increases in 2023 are expected to occur in Kouroussa (Kankan), Kankan, Siguiri (Kankan), and Dinguiraye (Faranah), with differences of 2,881 MT, 2,803 MT, 2,672 MT, and 2,126 MT, respectively. They similarly correspond to changes of, respectively, 4%, 4%, 1%, and 5%.

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

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

***Executive Chairperson, AKADEMIYA2063



Annex – 2023 Guinea Cassava Production Forecast at District level

Regions	Prefectures	2022 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Boké	Boffa	18809	21853	-3045	-14%
Boké	Boké	34778	40025	-5247	-13%
Boké	Fria	10494	10546	-52	0%
Boké	Gaoual	41036	41672	-635	-2%
Boké	Koundara	12426	11944	482	4%
Faranah	Dabola	20483	19347	1137	6%
Faranah	Dinguiraye	43448	41322	2126	5%
Faranah	Faranah	19265	18610	654	4%
Faranah	Kissidougou	15546	16122	-576	-4%
Kankan	Kankan	66149	63347	2803	4%
Kankan	Kérouané	29261	28797	463	2%
Kankan	Kouroussa	82276	79395	2881	4%
Kankan	Mandiana	79200	77303	1897	2%
Kankan	Siguiri	182208	179536	2672	1%
Kindia	Coyah	8001	8439	-439	-5%
Kindia	Dubréka	30806	31812	-1006	-3%
Kindia	Forécariah	29621	29919	-298	-1%
Kindia	Kindia	65166	63734	1432	2%
Kindia	Télimélé	70339	68634	1706	2%
Labé	Koubia	36740	36454	286	1%
Labé	Labé	40458	40660	-202	0%
Labé	Lélouma	33099	32890	210	1%
Labé	Mali	77966	77074	892	1%
Labé	Tougué	31521	30681	840	3%
Mamou	Dalaba	32087	31584	503	2%
Mamou	Mamou	86845	85161	1684	2%
Mamou	Pita	48898	48437	460	1%
Nzérékoré	Beyla	17049	16332	717	4%
Nzérékoré	Guéckédou	47091	46835	256	1%
Nzérékoré	Lola	37765	36907	858	2%
Nzérékoré	Macenta	53966	53932	35	0%
Nzérékoré	Nzérékoré	48626	48360	266	1%
Nzérékoré	Yamou	48807	48949	-143	0%
Total		1500234	1486614	13620	1%

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., K. Dia, and O. Badiane. 2023. AAgWa Crop Production Forecasts Brief Series: Guinea – Cassava. AAgWa Crop Production Forecasts Brief Series, No. 20. Kigali, Rwanda: AKADEMIYA2063. <https://doi.org/10.54067/acpf.20>