

AAGWa Crop Production Forecasts Brief Series

Guinea – Maize

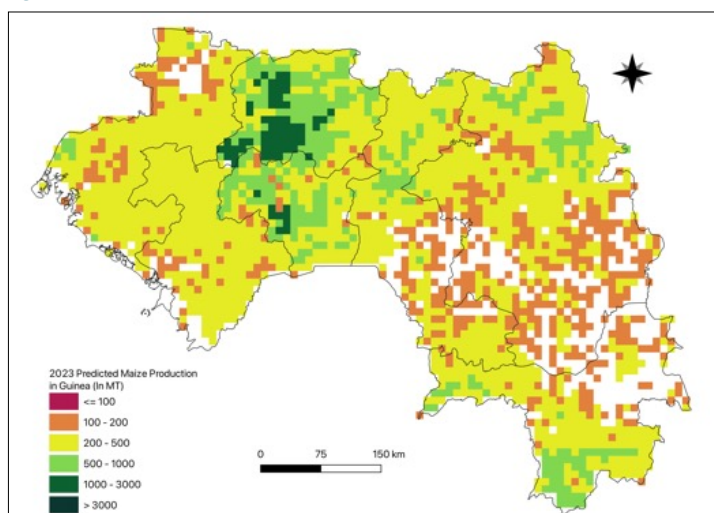
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The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability, 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 65, we provide forecasts on maize production in Guinea.

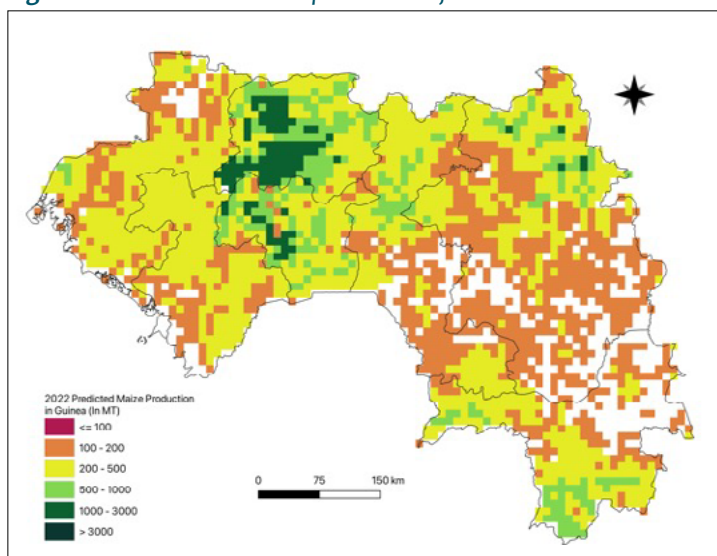
In 2023, maize production in Guinea is projected to reach 900,438 metric tons (MT), indicating a 5% increase over 2022 production levels. However, the most significant volumes of maize production are expected in districts such as Siguiri (Kankan), Mali (Labé), Mamou, Dinguiraye (Faranah), Kouroussa (Kankan), and Gaoual (Boké), with production volumes estimated at 77,365 MT, 66,290 MT, 55,230 MT, 48,107 MT, 40,877 MT, and 36,383 MT, respectively. On the other hand, lower production values are observed in Coya (Kindia), Fria (Boké), Forécariah (Kindia), Dubréka (Kindia), and Beyla

Figure 1. Guinea 2023 maize production forecast.



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

Figure 2. Guinea 2022 maize production forecast.



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

(Nzérékoré), with respectively, 2,734 MT, 4,985 MT, 9,329 MT, 11,793 MT, and 13,247 MT.

Moreover, the most significant maize production increases in 2023 are expected to occur in Kankan, Kouroussa, Gaoual, Siguiri, Boké, and Dinguiraye, with differences of respectively, 6,667 MT, 6,570 MT, 5,452 MT, 5,102 MT, 4,930 MT, and 4,745 MT. These correspond to changes of respectively, 24%, 19%, 18%, 7%, 17%, and 11%.

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Annex – 2023 Guinea Maize Production Forecast at District level

Regions	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Boké	Boffa	15326	12825	2502	20%
Boké	Boké	33785	28856	4930	17%
Boké	Fria	4985	4170	815	20%
Boké	Gaoual	36383	30931	5452	18%
Boké	Koundara	14615	12348	2267	18%
Faranah	Dabola	21067	19483	1584	8%
Faranah	Dinguiraye	48107	43362	4745	11%
Faranah	Faranah	24580	19979	4601	23%
Faranah	Kissidougou	17461	14745	2717	18%
Kankan	Kankan	34369	27703	6667	24%
Kankan	Kérouané	13552	10750	2802	26%
Kankan	Kouroussa	40877	34307	6570	19%
Kankan	Mandiana	33638	30145	3494	12%
Kankan	Siguiri	77365	72263	5102	7%
Kindia	Coyah	2734	2208	526	24%
Kindia	Dubréka	11793	9942	1851	19%
Kindia	Forécariah	9329	7750	1579	20%
Kindia	Kindia	27134	22604	4530	20%
Kindia	Télimélé	29991	25738	4253	17%
Labé	Koubia	32746	39047	-6302	-16%
Labé	Labé	32521	42651	-10130	-24%
Labé	Lélouma	26570	32532	-5962	-18%
Labé	Mali	66290	75016	-8726	-12%
Labé	Tougué	34596	34274	322	1%
Mamou	Dalaba	17972	18512	-540	-3%
Mamou	Mamou	55230	55330	-100	0%
Mamou	Pita	28550	30952	-2402	-8%
Nzérékoré	Beyla	13247	10501	2746	26%
Nzérékoré	Guéckédou	18518	17177	1341	8%
Nzérékoré	Lola	16411	14423	1987	14%
Nzérékoré	Macenta	24554	21206	3347	16%
Nzérékoré	Nzérékoré	18876	17696	1180	7%
Nzérékoré	Yamou	17268	17214	54	0%
Total		900438	856638	43800	5%

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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