



AAGWa Crop Production Forecasts Brief Series

Mali – Maize

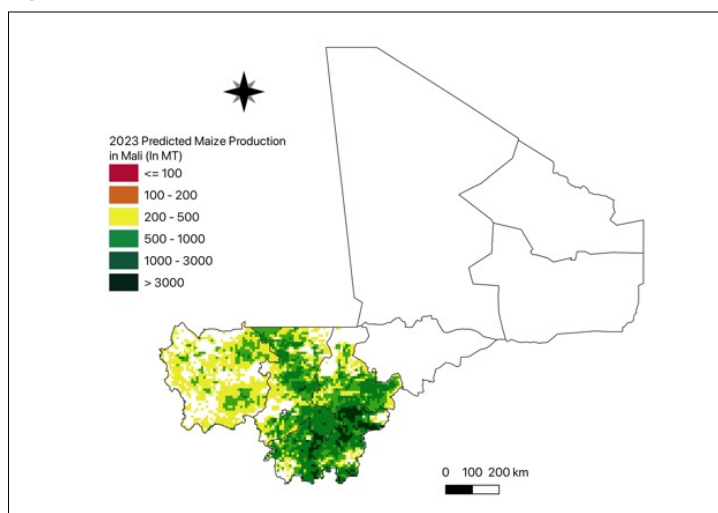
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The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability,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

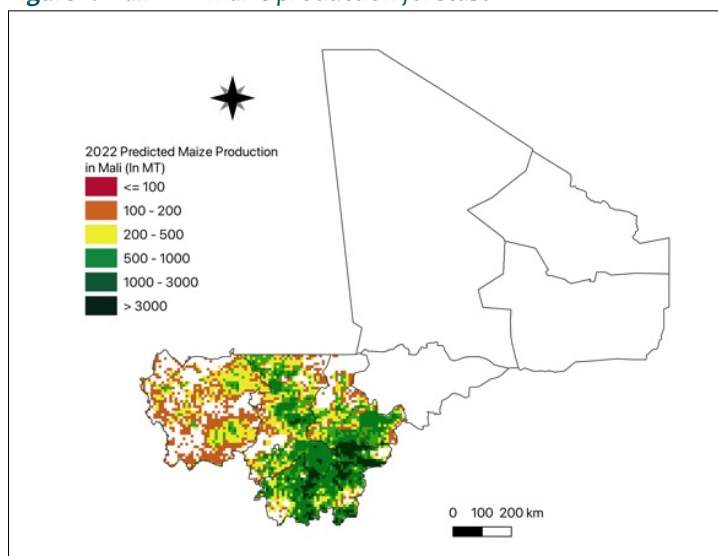
(AI-based) model applied to remotely sensed geo-biophysical data to produce estimates at pixel as well as administrative levels as early as the beginning of every growing season. In Brief 33, we provide forecasts on maize production in Mali.

Figure 1. Mali 2023 maize production forecast.



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

Figure 1. Mali 2022 maize production forecast.



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

In 2023, maize production in Mali is projected to experience a 7% increase compared to 2022 production levels, with an annual production estimated at 3,119,200 metric tons. However, the southern districts are expected to produce the highest volumes of maize, particularly in Bougouni (Sikasso), Koutiala (Sikasso), Sikasso, Dioïla (Koulikoro), and Nara (Koulikoro) with production volumes of, respectively, 371,680 MT, 370,451 MT, 323,564 MT, 244,560 MT, and 217,851 MT. In contrast, lower production levels are observed in Bankass (Mopti), Ténenkou (Mopti), Djenné (Mopti), Yélimané (Kayes), and Kéniéba (Kayes), with production levels reaching only, 280 MT, 765 MT, 1,790 MT, 6,883 MT, and 20,146 MT, respectively.

However, the most significant maize production increases in 2023 are expected in Kita (Kayes), Nara (Koulikoro), Bafoulabé (Kayes), Kayes, Diéma (Kayes), and Ségou with differences of, respectively, 46,646 MT, 35,467 MT, 23,611 MT, 21,837 MT, 21,707 MT, and 17,806 MT. These correspond to changes of 60%, 19%, 70%, 65%, 42%, and 22%, respectively.

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Annex – 2023 Mali Maize Production Forecast at District level

Regions	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Kayes	Bafoulabé	57509	33897	23611	70%
Kayes	Diéma	73082	51375	21707	42%
Kayes	Kayes	55643	33806	21837	65%
Kayes	Kéniéba	20146	10531	9615	91%
Kayes	Kita	124263	77617	46646	60%
Kayes	Nioro	36136	23062	13074	57%
Kayes	Yélimané	6883	4069	2814	69%
Koulikoro	Banamba	119203	114644	4559	4%
Koulikoro	Dioïla	244560	255163	-10604	-4%
Koulikoro	Kangaba	24222	17770	6452	36%
Koulikoro	Kati	97106	83258	13848	17%
Koulikoro	Kolokani	74282	59367	14916	25%
Koulikoro	Koulikoro	61949	57276	4673	8%
Koulikoro	Nara	217851	182384	35467	19%
Mopti	Bankass	280	138	142	103%
Mopti	Djenné	1790	1348	442	33%
Mopti	Ténenkou	765	453	312	69%
Ségou	Barouéli	36572	29263	7309	25%
Ségou	Bla	74450	71708	2742	4%
Ségou	Macina	38485	31761	6724	21%
Ségou	Niono	37971	27841	10130	36%
Ségou	San	86775	83699	3075	4%
Ségou	Ségou	97866	80061	17806	22%
Ségou	Tominian	49034	40852	8183	20%
Sikasso	Bougouni	371680	382721	-11041	-3%
Sikasso	Kadiolo	101638	105498	-3859	-4%
Sikasso	Kolondiéba	162789	169705	-6916	-4%
Sikasso	Koutiala	370451	400141	-29690	-7%
Sikasso	Sikasso	323564	338232	-14668	-4%
Sikasso	Yanfolila	68282	63668	4614	7%
Sikasso	Yorosso	83970	88294	-4324	-5%
Total		3119200	2919604	199595	7%

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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