

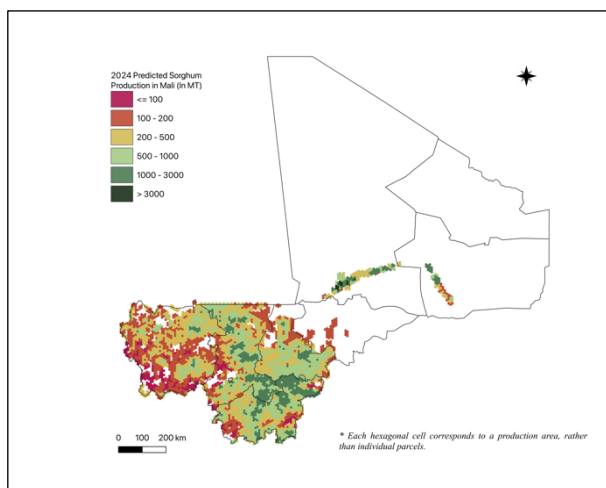
AAGWa Crop Production Forecasts Brief Series Mali – Sorghum

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No. 191, August 2024

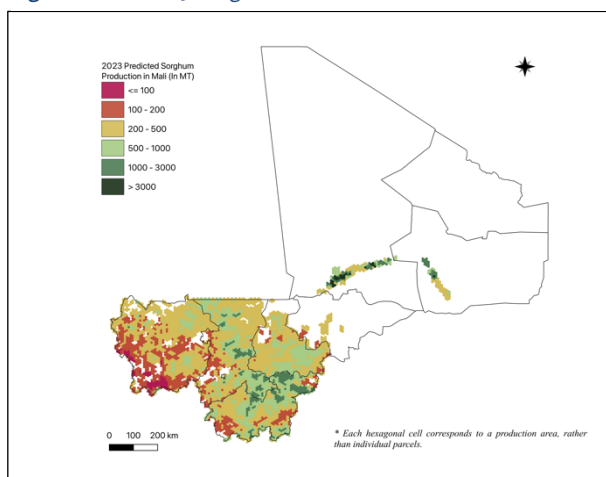
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for ten major crops across nearly

Figure 1. Mali 2024 Sorghum Production Forecast.



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

Figure 2. Mali 2023 Sorghum Production Forecast.



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

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 191, we provide forecasts on sorghum production in Mali.

In 2024, sorghum production in Mali is projected to reach 1,841,529 metric tons (MT), indicating a 14% increase over 2022 production levels. The southern part of the country is expected to produce the most significant volumes of sorghum, particularly in Nara (Koulikoro), Dioïla (Koulikoro), Koutiala (Sikasso), Bougouni (Sikasso), and Sikasso with production levels estimated at 164,908 MT, 156,288 MT, 141,278 MT, 138,711 MT, and 125,872 MT, respectively. On the contrary, lower production values are observed in the Central and Eastern districts such as Bankass (Mopti), Bandiagara (Mopti), Ténenkou (Mopti), Djenné (Mopti), and Mopti, with production of respectively, 162 MT, 255 MT, 1,386 MT, 1,947 MT, and 2,004 MT.

Compared to 2023, the most significant sorghum production increases in 2023 compared to 2022 are expected in districts such as Dioïla, Koutiala, Bougouni, Sikasso, and Nara, with differences of respectively 35,505 MT, 31,641 MT, 24,377 MT, 24,275 MT, and 22621 MT.

These correspond to changes of 29%, 29%, 21%, 24%, and 16% respectively.

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Annex – 2024 Mali Sorghum Production Forecast at District Level

Regions	Districts	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Gao	Ansongo	2196	2180	16	1%
Gao	Bourem	10090	11380	-1291	-11%
Gao	Gao	14427	17620	-3193	-18%
Kayes	Bafoulabé	37520	38835	-1314	-3%
Kayes	Diéma	69473	60729	8744	14%
Kayes	Kayes	40597	41832	-1234	-3%
Kayes	Kéniéba	11046	10129	917	9%
Kayes	Kita	91246	90904	342	0%
Kayes	Nioro	34251	32175	2076	6%
Kayes	Yélimané	6420	6723	-303	-5%
Koulikoro	Banamba	84304	66859	17445	26%
Koulikoro	Dioïla	156288	120784	35505	29%
Koulikoro	Kangaba	12183	12360	-177	-1%
Koulikoro	Kati	55419	49770	5649	11%
Koulikoro	Kolokani	48164	44563	3600	8%
Koulikoro	Koulikoro	44363	35396	8967	25%
Koulikoro	Nara	164908	142287	22621	16%
Mopti	Bandiagara	255	428	-174	-41%
Mopti	Bankass	162	215	-53	-25%
Mopti	Djenné	1947	2170	-222	-10%
Mopti	Mopti	2004	3166	-1162	-37%
Mopti	Ténenkou	1386	1951	-565	-29%
Ségou	Barouéli	25647	21253	4394	21%
Ségou	Bla	47886	37506	10380	28%
Ségou	Macina	28140	25361	2780	11%
Ségou	Niono	32913	29415	3498	12%
Ségou	San	57478	45792	11686	26%
Ségou	Ségou	71175	60505	10671	18%
Ségou	Tominian	31978	28181	3797	13%
Sikasso	Bougouni	138711	114334	24377	21%
Sikasso	Kadiolo	41953	34306	7647	22%
Sikasso	Kolondiéba	61257	49483	11774	24%
Sikasso	Koutiala	141278	109637	31641	29%
Sikasso	Sikasso	125872	101597	24275	24%
Sikasso	Yanfolila	25609	24034	1575	7%
Sikasso	Yorosso	31789	25792	5997	23%
Timbuktu	Diré	23514	32339	-8825	-27%
Timbuktu	Goundam	26525	39120	-12595	-32%
Timbuktu	Gourma-Rharous	21556	25130	-3574	-14%
Timbuktu	Niafunké	11921	15491	-3570	-23%
Timbuktu	Tombouctou	7678	9690	-2013	-21%
Total		1841529	1621422	220109	14%

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: Ndoye, A., M. Dia, and K. Dia. 2024. AAgWa Crop Production Forecasts Brief Series: Mali – Sorghum. AAgWa Crop Production Forecasts Brief Series, No. 191. Kigali: AKADEMIYA2063.

<https://doi.org/10.54067/acpf.191>

