

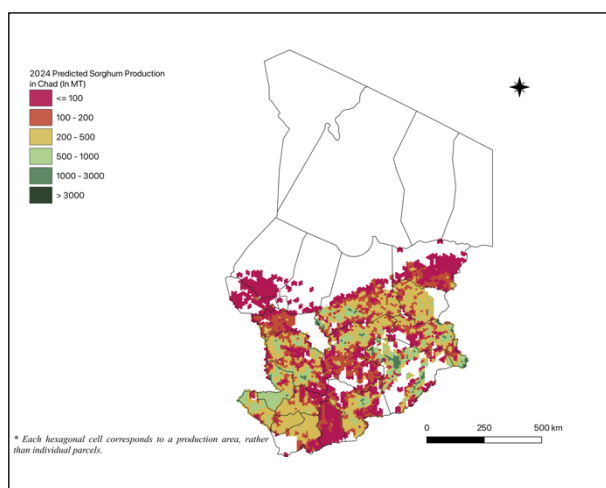
AAGWa Crop Production Forecasts Brief Series Chad – Sorghum

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No. 187, May 2024

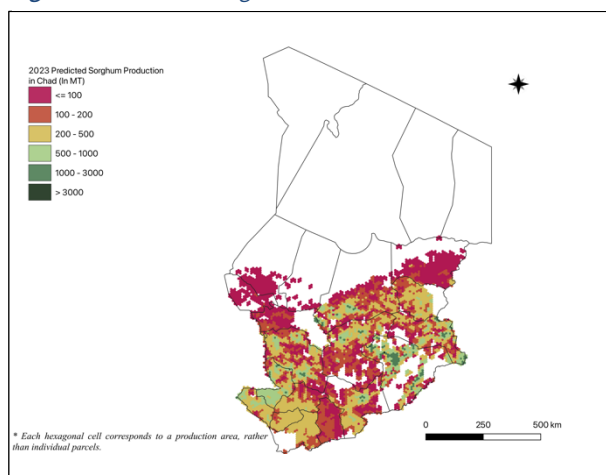
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for ten major crops across nearly

Figure 1. Chad 2024 Sorghum Production Forecast.



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

Figure 2. Chad 2024 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 187, we provide forecasts on sorghum production in Chad.

In 2024, sorghum production in Chad is projected to reach 1,111,119 metric tons (MT), which corresponds to a 3% increase over 2023 production levels. The most significant sorghum production levels are expected in the southern part of the country particularly in Sila, Baguirmi (Chari-Baguirmi), Barh Azoum (Salamat), Batha Oues (Batha), and Mayo-Boneye (Mayo-Kebbi Est) with production levels estimated at 83,317 MT, 76,842 MT, 74,218 MT, 70,939 MT, and 53,241 MT, respectively. On the contrary, lower production values are observed in the Western and Eastern districts such as Monts de Lam (Logone Oriental), Assoungba (Ouaddaï), Wayi (Lac), Nokou (Kanem), and N'Djamena (Ville de N'Djamena), with production of, respectively, 181 MT, 442 MT, 523 MT, 1,082 MT, and 1,442 MT.

Moreover, the most significant sorghum production increases in 2023 compared to last year are expected to occur in districts such as Batha Est (Batha), Baguirmi, Ouara (Ouaddaï), Biltine (Wadi Fira), and Dar Tama

(Wadi Fira) with differences of respectively 8,164 MT, 4,509 MT, 4,288 MT, 4,144 MT, and 3,624 MT. These correspond to changes of 22%, 6%, 9%, 56%, and 49% respectively.

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Annex – 2024 Chad Sorghum Production Forecast at District Level

Regions	Departments	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Barh el Ghazel	Barh El Gazel	1469	799	670	84%
Batha	Batha Est	46001	37837	8164	22%
Batha	Batha Oues	70939	67424	3514	5%
Batha	Fitri	8817	6493	2324	36%
Chari-Baguirmi	Baguirmi	76842	72333	4509	6%
Chari-Baguirmi	Loug Chari	49004	48604	401	1%
Chari-Baguirmi	N'Djamena	11400	10138	1262	12%
Guéra	Barh Signaka	28946	28456	490	2%
Guéra	Bitkine	33244	32254	990	3%
Guéra	Guéra	25108	24551	557	2%
Guéra	Mangalmé	24427	23280	1147	5%
Hadjer-Lamis	Dababa	1590	1529	61	4%
Hadjer-Lamis	Dagana	9664	6956	2708	39%
Hadjer-Lamis	Haraze Al Biar	8081	6347	1734	27%
Kanem	Kanem	3090	1085	2005	185%
Kanem	Nokou	1441	274	1167	426%
Lac	Mamdi	2723	1014	1709	169%
Lac	Wayi	523	229	294	128%
Logone Occidental	Dodjé	7058	7333	-275	-4%
Logone Occidental	Lac Wey	14631	14592	39	0%
Logone Occidental	Ngourkosso	5423	5308	115	2%
Logone Oriental	Lanya	9954	9995	-42	0%
Logone Oriental	Monts de Lam	181	337	-156	-46%
Logone Oriental	Nya Pendé	13281	16627	-3345	-20%
Logone Oriental	Pendé	21597	22005	-408	-2%
Mandoul	Barh Sara	4379	8213	-3835	-47%
	Mandoul				
Mandoul	Occidental	2303	2874	-571	-20%
Mandoul	Mandoul Oriental	6257	8448	-2191	-26%
Mayo-Kebbi Est	Kabbia	20626	19842	784	4%
Mayo-Kebbi Est	Mayo-Boneye	53241	51444	1797	3%
Mayo-Kebbi Est	Mont Illi	18713	17577	1137	6%
Mayo-Kebbi Ouest	Lac Léré	20682	18791	1891	10%
Mayo-Kebbi Ouest	Mayo-Dallah	35446	33201	2244	7%
Moyen-Chari	Barh Köh	27394	26874	520	2%
Moyen-Chari	Grande Sido	11602	10952	650	6%
Moyen-Chari	Lac Iro	37344	36793	551	1%
Ouaddaï	Assoungaha	442	445	-3	-1%
Ouaddaï	Djourf Al Ahmar	15257	14526	731	5%
Ouaddaï	Ouara	50656	46368	4288	9%
Salamat	Aboudeïa	42757	47124	-4367	-9%
Salamat	Barh Azoum	74218	80687	-6468	-8%
	Haraze				
Salamat	Mangueigne	44033	46223	-2189	-5%
Sila	Djourf Al Ahmar	17462	18044	-581	-3%
Sila	Sila	83317	82018	1299	2%
Tandjilé	Béré	3799	3736	63	2%
Tandjilé	Tandjilé Est	27073	27808	-736	-3%
Tandjilé	Tandjilé Ouest	10745	10460	285	3%



Ville de N'Djamena	N'Djamena	1084	937	147	16%
Wadi Fira	Biltine	11579	7435	4144	56%
Wadi Fira	Dar Tama	10980	7356	3624	49%
Wadi Fira	Kobé	4296	1590	2706	170%
Total		111119	1075566	35554	3%

MT (Metric tons): 1 MT is equivalent to 1,000 kilograms.

Change: refers to the relative difference and is calculated as (2024 prod – 2024 prod) divided by 2024 prod.

Suggested Citation: Ndoye, A., M. Dia, and K. Dia. 2024. AAgWa Crop Production Forecasts Brief Series: Chad – Sorghum. AAgWa Crop Production Forecasts Brief Series, No. 187. Kigali: AKADEMIYA2063.

<https://doi.org/10.54067/acpf.187>