

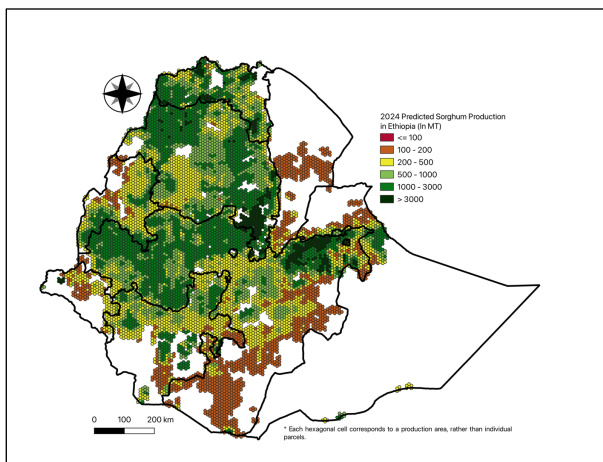
AAGWa Crop Production Forecasts Brief Series Ethiopia – Sorghum

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No. 204, October 2024

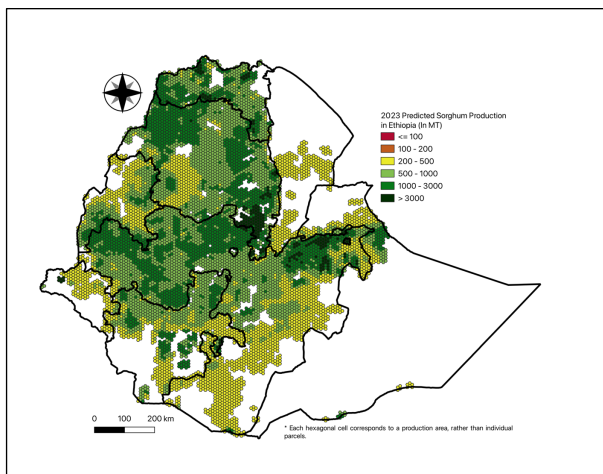
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for ten major crops across nearly

Figure 1. Ethiopia 2024 Sorghum Production Forecast.



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

Figure 2. Ethiopia 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 204, we provide forecasts on sorghum production in Ethiopia.

In 2024, sorghum production in Ethiopia is projected to reach 5,988,658 metric tons (MT), indicating a 4% increase over 2023 production levels. The highest sorghum producers are expected to be Semen Gondar (Amhara), Misraq Harerge (Oromia), Mirab Hararghe (Oromia), North Shewa (Amhara), and Jimma (Oromia), with production levels estimated at 653,001 MT, 407,490 MT, 354,234 MT, 340,338 MT, and 248,314 MT. On the contrary, lower production values are observed at Basketo (Southern Nations, Nationalities), Afder (Somali), Burji (Southern Nations, Nationalities), Jarar (Somali), and Afar Zone 4 (Afar) with production of respectively, 1,450 MT, 432 MT, 166 MT, 165 MT, and 164 MT.

Compared to 2023, the most significant sorghum production increases in 2024 are expected in districts such as Semen Gondar (Amhara), Mirab Hararghe (Oromia), North Shewa (Amhara), Mirab Shewa (Oromia), and Misraq Harerge (Oromia), with differences

of respectively 115,738 MT, 61,589 MT, 55,538 MT, 37,302 MT, and 36,686 MT. These correspond to changes of 22 %, 21 %, 20 %, 19 %, and 10 % respectively.

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Annex – 2024 Ethiopia Sorghum Production Forecast at District Level

Regions	Zones	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Afar	Afar Zone 1	15923	37311	-21388	-57%
Afar	Afar Zone 3	14489	27474	-12985	-47%
Afar	Afar Zone 4	164	399	-235	-59%
Afar	Afar Zone 5	1786	2768	-982	-35%
Amhara	Agew Awi	92305	85827	6478	8%
Amhara	Argoba	6891	6014	877	15%
Amhara	Debub Gondar	121222	124547	-3326	-3%
Amhara	Debub Wollo	193031	178008	15023	8%
Amhara	Mirab Gojjam	44014	72204	-28190	-39%
Amhara	Misraq Gojjam	92583	91677	905	1%
Amhara	North Shewa	340338	284800	55538	20%
Amhara	Oromia	73607	66775	6832	10%
Amhara	Semen Gondar	653001	537263	115738	22%
Amhara	Semen Wello	168634	141334	27299	19%
Amhara	Wag Himra	103752	101113	2640	3%
Benshangul-Gumaz	Asosa	109598	104442	5156	5%
Benshangul-Gumaz	Kemashi	58096	62364	-4268	-7%
Benshangul-Gumaz	Metekel	118115	134362	-16248	-12%
Dire Dawa	Dire Dawa	22854	21837	1017	5%
Gambela Peoples	Agnuak	15062	29702	-14640	-49%
Gambela Peoples	Majang	6344	8901	-2557	-29%
Gambela Peoples	Nuer	7296	8173	-878	-11%
Harari People	Hareri	18118	18010	108	1%
Oromia	Arsi	122613	146654	-24041	-16%
Oromia	Bale	86700	151806	-65106	-43%
Oromia	Borena	53905	106393	-52488	-49%
Oromia	Debub Mirab				
Oromia	Shewa	27926	35994	-8068	-22%
Oromia	Guji	6199	14348	-8149	-57%
Oromia	Horo Guduru	94534	87234	7301	8%
Oromia	Ilubabor	178034	160298	17736	11%
Oromia	Jimma	248314	215174	33140	15%
Oromia	Kelem Wellega	82362	77356	5006	6%
Oromia	Mirab Arsi	48757	64024	-15267	-24%
Oromia	Mirab Hararghe	354234	292645	61589	21%
Oromia	Mirab Shewa	232461	195159	37302	19%
Oromia	Mirab Welega	219111	183705	35406	19%
Oromia	Misraq Harerge	407490	370804	36686	10%
Oromia	Misraq Shewa	45943	66816	-20873	-31%
Oromia	Misraq Wellega	171402	152973	18429	12%
Oromia	North Shewa	170982	148133	22850	15%
Somali	Afder	432	819	-387	-47%
Somali	Fafan	75381	79517	-4135	-5%
Somali	Jarar	165	383	-218	-57%
Somali	Liben	2694	2713	-19	-1%
Somali	Siti	23588	37402	-13814	-37%
Southern Nations, Nationalities	Alaba	5989	5045	944	19%



Southern Nations, Nationalities	Alle	3674	2960	714	24%
Southern Nations, Nationalities	Basketo	1450	1227	223	18%
Southern Nations, Nationalities	Bench Maji	55279	57213	-1934	-3%
Southern Nations, Nationalities	Burji	166	404	-238	-59%
Southern Nations, Nationalities	Dawro	23637	30116	-6479	-22%
Southern Nations, Nationalities	Debub Omo	38120	45411	-7291	-16%
Southern Nations, Nationalities	Derashe	4820	4038	782	19%
Southern Nations, Nationalities	Gamo Gofa	34989	30268	4721	16%
Southern Nations, Nationalities	Gedeo	30946	32302	-1357	-4%
Southern Nations, Nationalities	Gurage	23458	33123	-9665	-29%
Southern Nations, Nationalities	Hadiya	25328	25344	-16	0%
Southern Nations, Nationalities	Keffa	61618	67497	-5878	-9%
	Kembata				
Southern Nations, Nationalities	Tembaro	10567	10227	340	3%
Southern Nations, Nationalities	Konta	9457	12801	-3345	-26%
Southern Nations, Nationalities	Sheka	28092	25028	3064	12%
Southern Nations, Nationalities	Sidama	10572	22962	-12390	-54%
Southern Nations, Nationalities	Silti	35629	30564	5064	17%
Southern Nations, Nationalities	Wolayita	14734	25893	-11160	-43%
Southern Nations, Nationalities	Yem	4751	4483	268	6%
Tigray	Debubawi	115656	112612	3043	3%
Tigray	Mehakelegnaw	136382	130716	5667	4%
Tigray	Mi'irabawi	184283	159735	24548	15%
Tigray	Misraqawi	8317	6728	1590	24%
	Semien				
Tigray	Mi'irabaw	190294	169544	20750	12%
Total		5988658	5781896	206759	4%

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: M. Dia, K. Dia, and A. Ndoeye. 2024. AAgWa Crop Production Forecasts Brief Series: Ethiopia – Sorghum. AAgWa Crop Production Forecasts Brief Series, No. 204. Kigali: AKADEMIYA2063.
<https://doi.org/10.54067/acpf.204>