

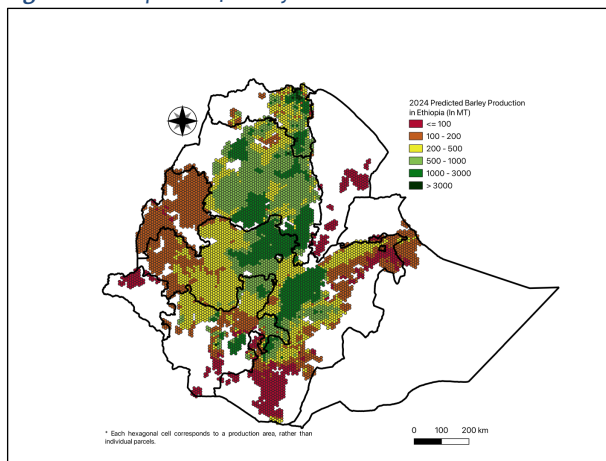
AAGWa Crop Production Forecasts Brief Series Ethiopia – Barley

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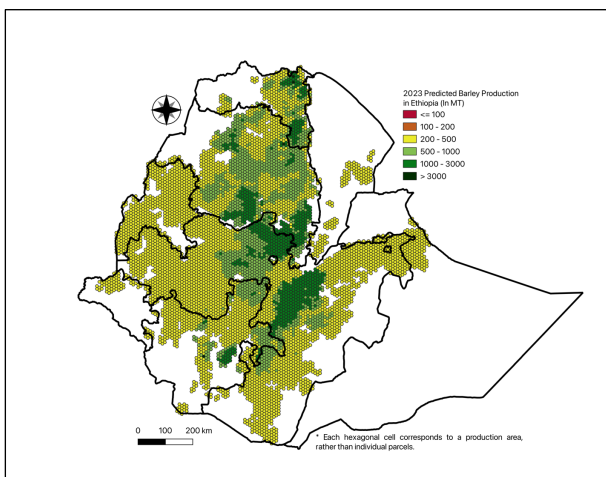
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for ten major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow 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 228, we provide forecasts on barley production in Ethiopia.

Figure 1. Ethiopia 2024 Barley Production Forecast.



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

Figure 2. Ethiopia 2023 Barley Production Forecast.



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

MT, 37,358 MT, 31,282 MT, and 29,756 MT, respectively. These correspond to changes of 19 %, 31 %, 21 %, 28 %, and 26 %.

In 2024, barley production in Ethiopia is projected to reach 2,837,246 metric tons (MT), a 10% increase over 2023 production levels. The highest barley producers are expected to be Arsi (Oromia), North Shewa (Oromia), Mirab Shewa (Oromia), North Shewa (Amhara), and Misraq Gojjam (Amhara), with production levels estimated at 334,779 MT, 212,848 MT, 178,404 MT, 142,312 MT, and 142,226 MT. In contrast, lower production values are observed at Dire Dawa (Dire Dawa), Hareri (Harari People), Basketo (Southern Nations, Nationalities), Majang (Gambela Peoples), and Afar Zone 5 (Afar) with production of 556 MT, 321 MT, 156 MT, 123 MT, and 90 MT, respectively.

Compared to 2023, the most significant barley production increases in 2024 are expected in districts such as Arsi (Oromia), Mirab Shewa (Oromia), North Shewa (Oromia), Misraq Gojjam (Amhara), and North Shewa (Amhara), with differences of 54,238 MT, 41,784

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Annex – 2024 Ethiopia Barley Production Forecast at District Level

Regions	Zones	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Afar	Afar Zone 1	3435	8936	-5501	-62%
Afar	Afar Zone 3	2171	5131	-2959	-58%
Afar	Afar Zone 5	90	212	-122	-58%
Amhara	Agew Awi	35115	30020	5094	17%
Amhara	Argoba	1509	1342	167	12%
Amhara	Debub Gondar	115862	92144	23718	26%
Amhara	Debub Wollo	117185	98131	19054	19%
Amhara	Mirab Gojjam	80926	68443	12483	18%
Amhara	Misraq Gojjam	142226	110944	31282	28%
Amhara	North Shewa	142312	112556	29756	26%
Amhara	Oromia	1738	1443	295	20%
Amhara	Semen Gondar	132231	107473	24757	23%
Amhara	Semen Wello	121120	94228	26893	29%
Amhara	Wag Himra	49008	44370	4638	10%
Benshangul-Gumaz	Asosa	12821	25864	-13043	-50%
Benshangul-Gumaz	Kemashi	1567	2887	-1320	-46%
Benshangul-Gumaz	Metekel	27999	51664	-23665	-46%
Dire Dawa	Dire Dawa	556	1263	-707	-56%
Gambela Peoples	Agnuak	1836	3859	-2023	-52%
Gambela Peoples	Majang	123	219	-96	-44%
Gambela Peoples	Nuer	847	1906	-1059	-56%
Harari People	Hareri	321	659	-338	-51%
Oromia	Arsi	334779	280541	54238	19%
Oromia	Bale	67066	69306	-2240	-3%
Oromia	Borena	25692	48170	-22477	-47%
Oromia	Debub Mirab				
Oromia	Shewa	48558	37867	10690	28%
Oromia	Guji	65357	63206	2151	3%
Oromia	Horo Guduru	23791	25933	-2142	-8%
Oromia	Ilubabor	29290	39019	-9729	-25%
Oromia	Jimma	67937	71037	-3100	-4%
Oromia	Kelem Wellega	9003	13377	-4374	-33%
Oromia	Mirab Arsi	112147	98645	13502	14%
Oromia	Mirab				
Oromia	Hararghe	30730	38718	-7988	-21%
Oromia	Mirab Shewa	178404	136621	41784	31%
Oromia	Mirab Welega	22489	31707	-9218	-29%
Oromia	Misraq				
Oromia	Harerge	24746	38486	-13740	-36%
Oromia	Misraq Shewa	30492	33394	-2903	-9%
Oromia	Misraq				
Oromia	Wellega	39685	44240	-4555	-10%
Oromia	North Shewa	212848	175490	37358	21%
Somali	Fafan	11508	21386	-9877	-46%
Somali	Siti	657	1015	-358	-35%
Southern Nations, Nationalities	Alaba	826	1116	-290	-26%
Southern Nations, Nationalities	Amaro	3012	3023	-11	0%



Southern Nations, Nationalities	Basketo	156	244	-87	-36%
Southern Nations, Nationalities	Bench Maji	10158	10482	-323	-3%
Southern Nations, Nationalities	Dawro	5898	8273	-2376	-29%
Southern Nations, Nationalities	Debub Omo	8347	10488	-2141	-20%
Southern Nations, Nationalities	Gamo Gofa	43434	36806	6628	18%
Southern Nations, Nationalities	Gedeo	10322	10271	51	0%
Southern Nations, Nationalities	Gurage	45066	36957	8108	22%
Southern Nations, Nationalities	Hadiya	11458	11378	80	1%
Southern Nations, Nationalities	Keffa	30303	32044	-1741	-5%
Southern Nations, Nationalities	Kembata				
Southern Nations, Nationalities	Tembaro	3713	3897	-184	-5%
Southern Nations, Nationalities	Konta	9656	7527	2129	28%
Southern Nations, Nationalities	Sidama	43347	35554	7793	22%
Southern Nations, Nationalities	Silti	25001	20442	4558	22%
Southern Nations, Nationalities	Wolayita	6513	10501	-3988	-38%
Southern Nations, Nationalities	Yem	3481	2765	716	26%
Tigray	Debubawi	117661	99099	18562	19%
Tigray	Mehakelegnaw	52910	49048	3863	8%
Tigray	Mi'irabawi	4337	4628	-292	-6%
Tigray	Misraqawi	73399	61692	11707	19%
	Semien				
Tigray	Mi'irabaw	2071	1800	271	15%
Total		2837246	2589887	247359	10%

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.

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