

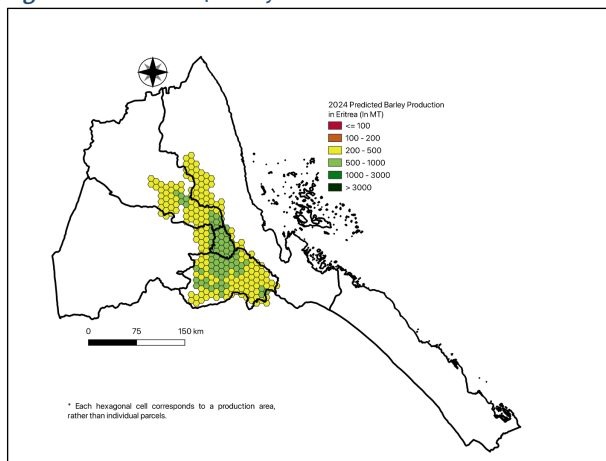
AAGWa Crop Production Forecasts Brief Series Eritrea – Barley

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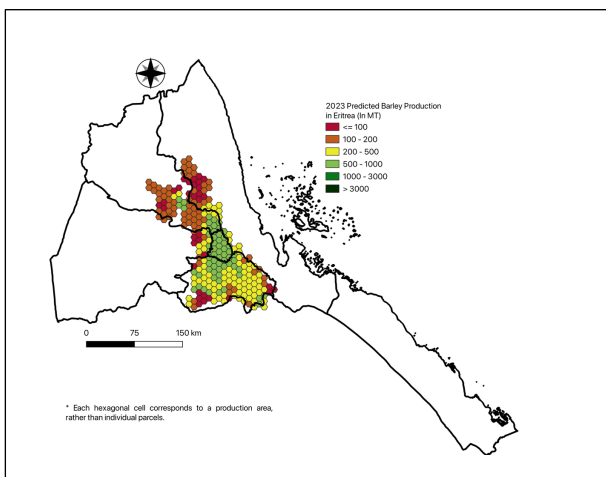
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for ten major crops across nearly 50

Figure 1. Eritrea 2024 Barley Production Forecast.



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

Figure 2. Eritrea 2023 Barley Production Forecast.



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

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 229, we provide forecasts on barley production in Eritrea.

In 2024, barley production in Eritrea is projected to reach 68,860 metric tons (MT), indicating a 23% increase over 2023 production levels. The highest barley producers are expected to be Dibarwa (Debub), Mendefera (Debub), Dekemehare (Debub), Serejeka (Maekel), and Segeneyiti (Debub), with production levels estimated at 5,546 MT, 5,422 MT, 4,953 MT, 4,572 MT, and 4,140 MT. In contrast, lower production values are observed at May Mine (Debub), Asmat (Anseba), Ghida'e (Semenawi Keyih Bahri), Keren (Anseba), and Mansura (Gash Barka) with production of respectively, 869 MT, 842 MT, 721 MT, 542 MT, and 207 MT.

Compared to 2023, the most significant barley production increases in 2024 are expected in districts such as Afabet (Semenawi Keyih Bahri), Halhal (Anseba), Adi Keyih (Debub), Logo Anseba (Gash Barka), and Nakfa (Semenawi Keyih Bahri), with differences of 1,543

MT, 940 MT, 841 MT, 834 MT, and 814 MT, respectively. These correspond to changes of 148 %, 50 %, 33 %, 31 %, and 116 %.

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Annex – 2024 Eritrea Barley Production Forecast at District Level

Regions	Sub-Regions	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Anseba	Adi Teklezan	2376	2437	-61	-3%
Anseba	Asmat	842	353	489	138%
Anseba	Elabered	2400	1698	702	41%
Anseba	Gheleb	1360	975	386	40%
Anseba	Hagaz	1095	458	637	139%
Anseba	Halhal	2824	1884	940	50%
Anseba	Keren	542	225	317	141%
Debub	Adi Keyih	3366	2524	841	33%
Debub	Adi Kwala	3015	2529	487	19%
Debub	Areza	2867	2146	721	34%
Debub	Dekemehare	4953	4389	564	13%
Debub	Dibarwa	5546	5341	205	4%
Debub	Kudo Bu`er	965	761	204	27%
Debub	May Mine	869	357	512	144%
Debub	Mendefera	5422	4623	799	17%
Debub	Segeneyiti	4140	3359	781	23%
Debub	Senafe	3338	3194	144	5%
Debub	Tsorena	2587	1908	679	36%
	Logo				
Gash Barka	Anseba	3552	2718	834	31%
Gash Barka	Mansura	207	55	152	275%
Maekel	Berikh	2369	2511	-142	-6%
Maekel	Ghala Nefhi	3575	3585	-9	0%
Maekel	Serejeka	4572	4731	-159	-3%
Semenawi Keyih					
Bahri	Afabet	2582	1039	1543	148%
Semenawi Keyih					
Bahri	Ghida`e	721	460	261	57%
Semenawi Keyih					
Bahri	Nakfa	1515	701	814	116%
Semenawi Keyih					
Bahri	Sheib	1260	864	397	46%
Total		68860	55825	13038	23%

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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