

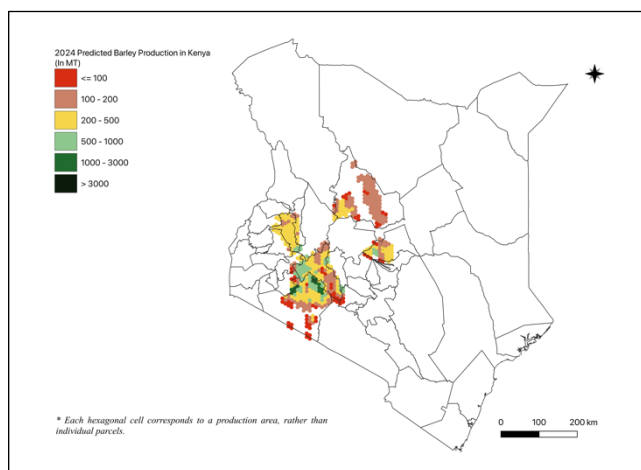
AAGWa Crop Production Forecasts Brief Series Kenya – Barley

Aïssatou Ndoye*, Mansour Dia**, and Khadim Dia***

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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 nine 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

Figure 1. Kenya 2024 Barley production forecast.



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

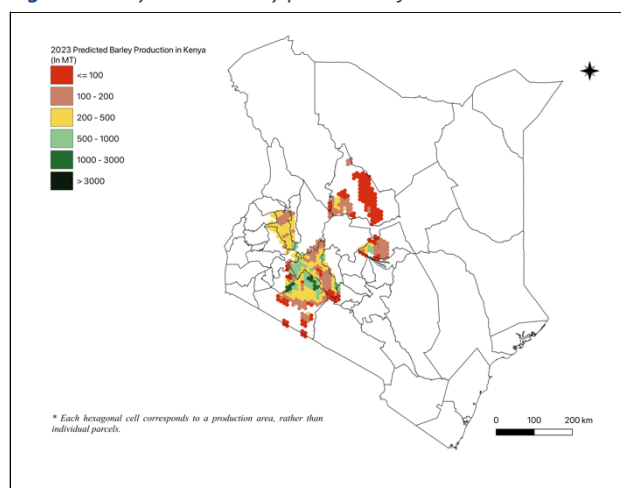
expected in the Southwestern and Central districts, particularly in Narok North (Narok), Narok South (Narok), Narok East (Narok), Buuri (Meru), and Kuresoi North (Nakuru), with production volumes estimated at 17,928 MT, 10,840 MT, 4,688 MT, 4,227 MT, and 4,135 MT, respectively. In comparison, lower production values are observed in districts such as in Belgut (Kericho), Kajiado West (Kajiado), Turkana East (Turkana), and Nandi Hills (Nandi), with production levels of, 42 MT, 84 MT, 119 MT, and 137 MT, respectively.

Moreover, the Southern districts are expected to experience the most significant barley production increases in 2024, particularly in Samburu East (Samburu), Samburu West (Samburu), Buuri, Samburu North (Samburu), Narok North, and Narok East, with differences of respectively, 1,754 MT, 719 MT, 587 MT, 507 MT, 449 MT, and 293 MT, respectively. These correspond to changes of, respectively, 92%, 30%, 16%, 39%, 3%, and 7%.

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 geobiophysical data to produce estimates at pixel as well as administrative levels as early as the beginning of every growing season. In Brief 117, we provide forecasts on barley production in Kenya.

In 2024, barley production in Kenya is projected to reach 89,691 metric tons (MT), indicating a 9% increase over 2023 production levels. However, the most significant barley production levels are

Figure 2. Kenya 2023 Barley production forecast.



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

*Associate Scientist, Department of Data Management, Digital Products, and Technology, AKADEMIYA2063

**Associate Scientist, Department of Data Management, Digital Products, and Technology, AKADEMIYA2063

***Senior Associate Scientist, Department of Data Management, Digital Products, and Technology, AKADEMIYA2063



Annex – 2024 Kenya Barley Production Forecast at District level

Counties	Districts	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Baringo	Tiaty	200	124	77	62%
Elgeyo-Marakwet	Keiyo North	224	221	4	2%
Isiolo	Isiolo North	158	98	60	61%
Kajiado	Kajiado West	84	90	-6	-7%
Kericho	Belgut	42	35	7	19%
Kericho	Kipkelion East	265	253	12	5%
Meru	Buuri	4227	3640	587	16%
Meru	Central Imenti	654	500	154	31%
Meru	North Imenti	701	558	143	26%
Meru	South Imenti	948	696	252	36%
Nakuru	Bahati	2449	2297	153	7%
Nakuru	Gilgil	2482	2292	189	8%
Nakuru	Kuresoi North	4135	3925	210	5%
Nakuru	Kuresoi South	3867	3682	185	5%
Nakuru	Molo	3535	3383	153	5%
Nakuru	Naivasha	3655	3597	58	2%
Nakuru	Nakuru Town East	288	317	-29	-9%
Nakuru	Nakuru Town West	257	229	27	12%
Nakuru	Njoro	2733	2577	157	6%
Nakuru	Rongai	1941	1745	196	11%
Nakuru	Subukia	710	666	44	7%
Nandi	Chesumei	224	203	22	11%
Nandi	Mosop	239	209	30	14%
Nandi	Nandi Hills	137	106	31	30%
Narok	Narok East	4688	4395	293	7%
Narok	Narok North	17928	17479	449	3%
Narok	Narok South	10840	10580	260	2%
Narok	Narok West	4078	3916	161	4%
Samburu	Samburu East	3658	1904	1754	92%
Samburu	Samburu North	1793	1286	507	39%
Samburu	Samburu West	3112	2393	719	30%
Turkana	Turkana East	119	70	49	71%
Uasin Gishu	Ainabkoi	1254	1192	63	5%
Uasin Gishu	Kapseret	988	883	105	12%
Uasin Gishu	Kesses	2759	2625	133	5%
Uasin Gishu	Moiben	1764	1678	86	5%
Uasin Gishu	Soy	1790	1620	169	10%
Uasin Gishu	Turbo	764	661	103	16%
Total		89691	82124	7567	9%

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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