Africa Agriculture Watch
By AKADEMIYA2063

AAgWa Crop Production

Forecasts Brief Series

Kenya – Barley

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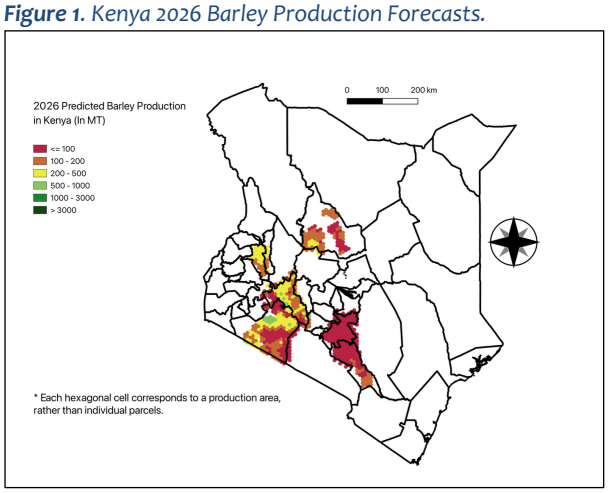
No. 337, February 2026

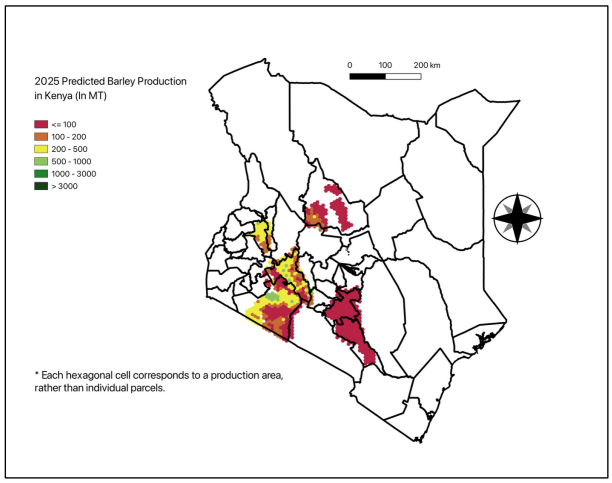
The crop production forecasts brief series by AKADEMIYA2063's Africa Agriculture Watch (AAgWa) aims to provide more accurate and timely data on harvests and yields for 11 major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow 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 each growing season. In Brief 337, we provide forecasts on barley production in Kenya.

Figure 1. *Kenya 2026 Barley Production Forecasts.*



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

Figure 2. *Kenya 2025 Barley Production Forecasts.*



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

In 2026, Kenya's barley production is projected to reach 66,659 metric tons (MT), a 3% increase from 2025. The highest barley producers are expected to be Narok West (Narok), Narok South (Narok), Narok North (Narok), Narok East (Narok), and Naivasha (Nakuru), with production levels estimated at 8,605 MT, 7,342 MT, 4,689 MT, 4,282 MT, and 3,635 MT, respectively. In contrast, lower production values are observed in Kuresoi South (Nakuru), Eldama Ravine (Baringo), Nakuru Town West (Nakuru), Kitui Rural (Kitui), and Maragwa (Murang'a) with production of 159 MT, 144 MT, 112 MT, 94 MT, and 37 MT, respectively.

Compared to 2025, the most significant barley production increases in 2026 are expected in districts such as Samburu West (Samburu), Samburu East (Samburu), Samburu North (Samburu), Kibwezi West (Makueni), and Kibwezi East (Makueni), with differences of 1,028 MT, 960 MT, 764 MT, 366 MT, and 348 MT, respectively. These correspond to changes of 42%, 156%, 82%, 37%, and 56%.

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Annex – 2026 Kenya Barley Production Forecast at District Level

Counties	Districts	2026 Production (MT)	2025 Production (MT)	Difference (MT)	Change (%)
Baringo	Eldama Ravine	144	153	-9	-6%
Elgeyo-Marakwet	Keiyo North	368	400	-33	-8%
Kajiado	Kajiado West	244	218	25	11%
Kericho	Belgut	0	69	-69	-101%
Kitui	Kitui Rural	94	73	21	29%
Laikipia	Laikipia North	226	170	56	33%
Machakos	Kangundo	187	161	26	16%
Machakos	Kathiani	172	139	33	24%
Machakos	Machakos Town	477	315	162	51%
Machakos	Masinga	1121	831	290	35%
Machakos	Matungulu	453	283	170	60%
Machakos	Mavoko	210	120	90	75%
Machakos	Mwala	1024	762	262	34%
Machakos	Yatta	820	585	235	40%
Makueni	Kaiti	351	311	40	13%
Makueni	Kibwezi East	972	625	348	56%
Makueni	Kibwezi West	1357	990	366	37%
Makueni	Kilome	634	441	193	44%
Makueni	Makueni	1354	1123	231	21%
Makueni	Mbooni	874	786	89	11%
Murang'a	Maragwa	37	24	13	55%
Nakuru	Bahati	1246	1274	-28	-2%
Nakuru	Gilgil	2412	2376	36	2%
Nakuru	Kuresoi North	361	457	-96	-21%
Nakuru	Kuresoi South	159	246	-87	-35%
Nakuru	Molo	1568	1758	-190	-11%
Nakuru	Naivasha	3635	3641	-7	0%
Nakuru	Nakuru Town East	238	233	5	2%
Nakuru	Nakuru Town West	112	99	13	13%
Nakuru	Njoro	3292	3545	-253	-7%
Nakuru	Rongai	3541	3685	-144	-4%
Nakuru	Subukia	694	704	-10	-1%
Narok	Kilgoris	162	219	-58	-26%
Narok	Narok East	4282	4341	-59	-1%
Narok	Narok North	4689	5814	-1126	-19%
Narok	Narok South	7342	7530	-188	-2%
Narok	Narok West	8605	9600	-995	-10%
Samburu	Samburu East	1575	615	960	156%
Samburu	Samburu North	1692	928	764	82%
Samburu	Samburu West	3453	2425	1028	42%
Uasin Gishu	Ainabkoi	986	1020	-34	-3%
Uasin Gishu	Kapseret	188	196	-8	-4%
Uasin Gishu	Kesses	522	530	-8	-2%
Uasin Gishu	Moiben	2119	2220	-101	-5%
Uasin Gishu	Soy	1996	2075	-79	-4%
Uasin Gishu	Turbo	671	713	-41	-6%
Total		**66659**	**64823**	**1833**	**3%**

MT (Metric tons): *1 MT is equivalent to 1,000 kilograms.*
Change: *refers to the relative difference and is calculated as (2026 prod – 2025 prod) divided by 2025 prod.*

Suggested Citation: Dia, M., A. Ndoye, and K. Dia. 2026. *AAgWa Crop Production Forecasts Brief Series: Kenya – Barley*. AAgWa Crop Production Forecasts Brief Series, No. 337. Kigali: AKADEMIYA2063.
https://doi.org/10.54067/acpf.337