

AAGWa Crop Production Forecasts Brief Series

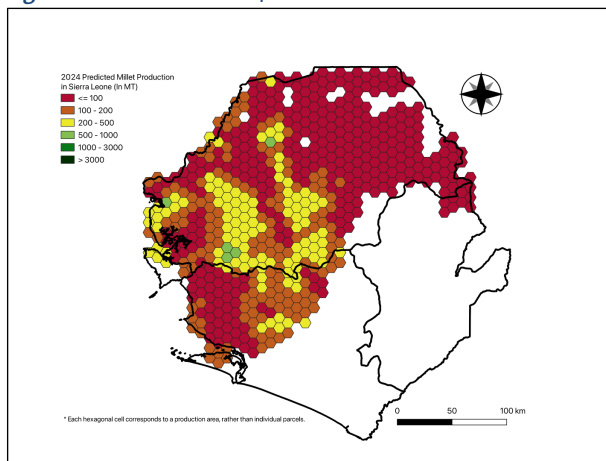
Sierra Leone – Millet

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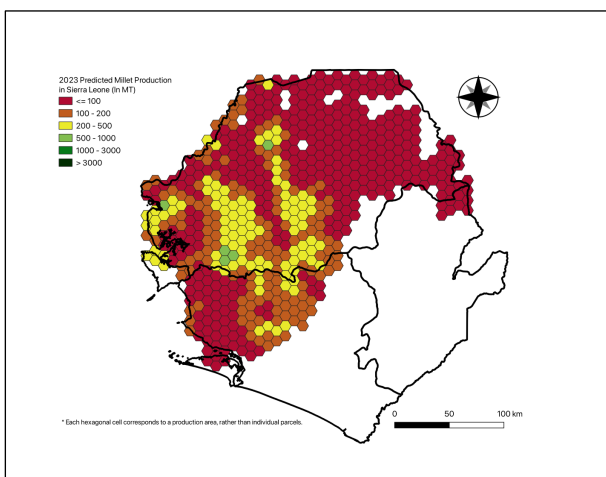
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for ten major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow 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 212, we provide forecasts on millet production in Sierra Leone.

Figure 1. Sierra Leone 2024 Millet Production Forecast.



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

Figure 2. Sierra Leone 2023 Millet Production Forecast.



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

In 2024, millet production in Sierra Leone is projected to reach 51,040 metric tons (MT), indicating a 9% increase over 2023 production levels. The highest millet producers are expected to be Port Loko (Northern), Bombali (Northern), Tonkolili (Northern), Moyamba (Southern), and Kambia (Northern), with production levels estimated at 14,411 MT, 10,666 MT, 10,381 MT, 8,152 MT, and 4,153 MT. In contrast, lower production values are observed at Koinadugu (Northern), Bo (Southern), Bonthe (Southern), Western Rural (Western), and Kono (Eastern) with production of respectively, 1,745 MT, 529 MT, 470 MT, 442 MT, and 91 MT.

Compared to 2023, the most significant millet production increases in 2024 are expected in districts such as Koinadugu (Northern), Moyamba (Southern), Bombali (Northern), Port Loko (Northern), and Tonkolili (Northern), with differences of respectively 1,201 MT, 854 MT, 818 MT, 508 MT, and 493 MT. These correspond to changes of 221 %, 12 %, 8 %, 4 %, and 5 %.

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Annex – 2024 Sierra Leone Millet Production Forecast at District Level

Provinces	Districts	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Eastern	Kono	91	34	57	168%
Northern	Bombali	10666	9849	818	8%
Northern	Kambia	4153	3802	351	9%
Northern	Koinadugu	1745	544	1201	221%
Northern	Port Loko	14411	13903	508	4%
Northern	Tonkolili	10381	9888	493	5%
Southern	Bo	529	500	28	6%
Southern	Bonthe	470	421	49	12%
Southern	Moyamba	8152	7298	854	12%
Western	Western Rural	442	433	9	2%
Total		51040	46672	4368	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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