

# AAGWa Crop Production Forecasts Brief Series

## Sierra Leone – Millet

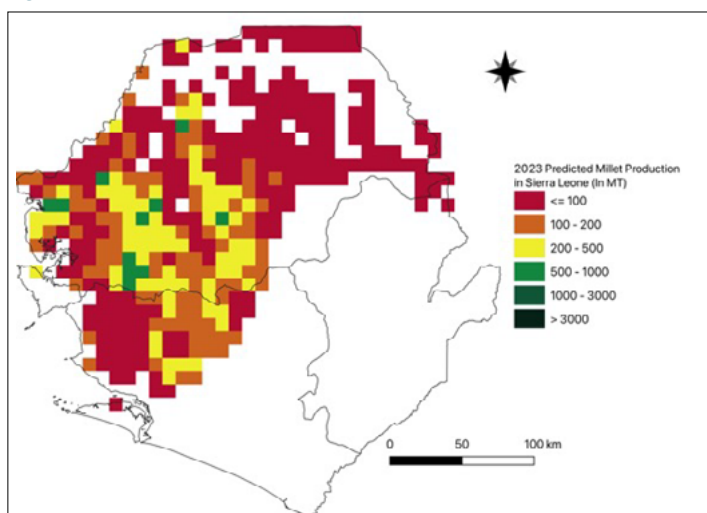
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The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow stakeholders across the value chain to better plan and execute policy and business 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

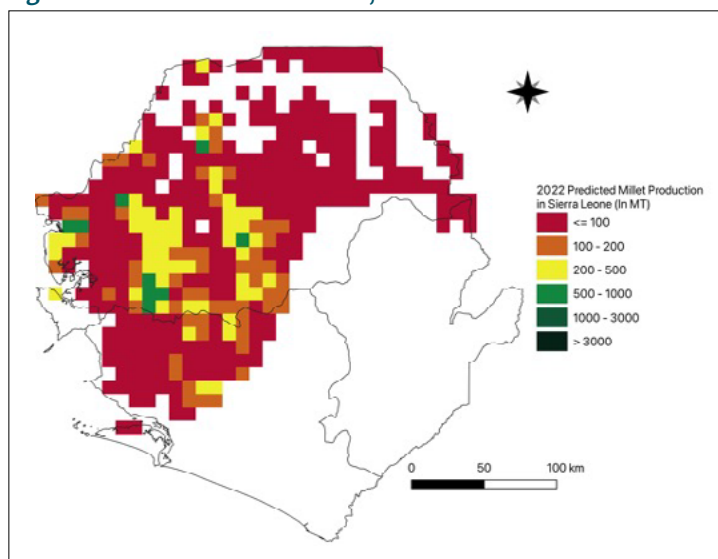
to remotely sensed geo-biophysical data to produce estimates at pixel as well as administrative levels as early as the beginning of every growing season. In Brief 70, we provide forecasts on millet production in Sierra Leone.

**Figure 1.** Sierra Leone 2023 millet forecast.



Data Source: Africa Agriculture Watch ([www.aagwa.org](http://www.aagwa.org)).

**Figure 2.** Sierra Leone 2022 millet forecast.



Data Source: Africa Agriculture Watch ([www.aagwa.org](http://www.aagwa.org)).

In 2023, millet production in Sierra Leone is projected to reach 46,673 metric tons (MT), which is equivalent to a 18% increase over 2022 production levels. The highest production levels are expected in the Northern and Southern districts, such as in Port Loko (Northern), Tonkolili (Northern), Bombali (Northern), and Moyamba (Southern) with production levels estimated at 13,903 MT, 9,888 MT, 9,849 MT, and 7,298 MT, respectively. In contrast, lower production levels are observed in districts such as Kono (Eastern), Bonthe (Southern) and Western Rural (Western), with production levels of respectively, 34 MT, 421 MT, and 433 MT.

Compared to 2022, the most significant increases in millet production levels are expected to occur in Port Loko, Tonkolili, and Moyamba, and Bombali with differences of respectively, 2,047 MT, 1,972 MT, 1,719 MT and 1,487 MT. These correspond to changes of respectively, 17%, 25%, 31%, and 18%.

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## Annex – 2023 Sierra Leone Millet Production Forecast at District level

Provinces	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Eastern	Kono	34	67	-33	-49%
Northern	Bombali	9849	8361	1487	18%
Northern	Kambia	3802	3306	496	15%
Northern	Koinadugu	544	1481	-937	-63%
Northern	Port Loko	13903	11857	2047	17%
Northern	Tonkolili	9888	7917	1972	25%
Southern	Bo	500	350	150	43%
Southern	Bonthe	421	309	112	36%
Southern	Moyamba	7298	5579	1719	31%
Western	Western Rural	433	312	121	39%
Total		46673	39539	7133	18%

**MT (Metric tons):** 1 MT is equivalent to 1,000 kilograms.

**Change:** refers to the relative difference and is calculated as (2023 prod – 2022 prod) divided by 2022 prod.

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