

# AAgWa Crop Production Forecasts Brief Series *Sierra Leone – Millet*

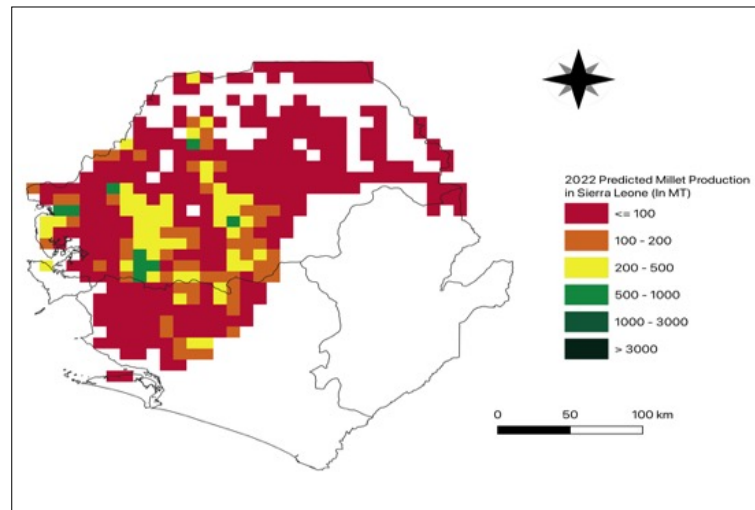
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The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAgWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability, 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 geobiophysical data to produce estimates at pixel as well as administrative levels as early as the beginning of every growing season. In Brief 5, we provide forecasts on Millet production in Sierra Leone.

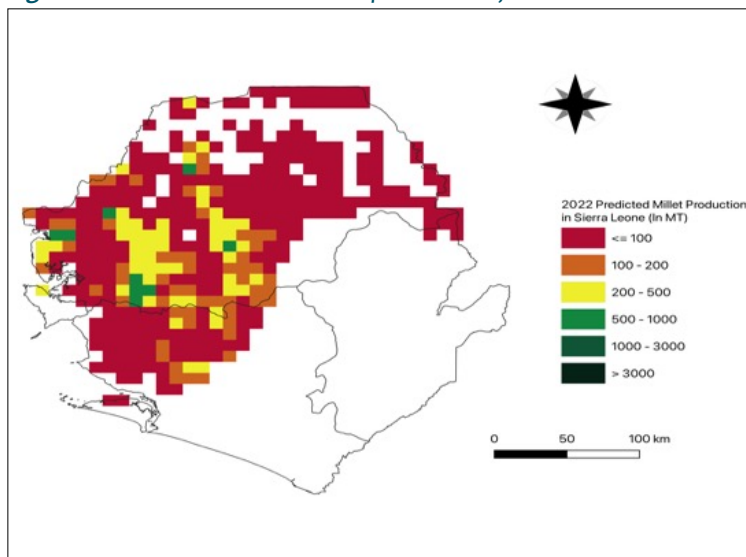
In 2022, millet production in Sierra Leone was projected to reach 39,539 metric tons, equivalent to an overall increase of 5,262 MT over 2021 production levels. The highest production levels are expected in the northern and western districts, such as in Port Loko (Northern), Bombali (Northern), and Tonkolili (Northern,) with production values evaluated at 11,857

**Figure 1.** Sierra Leone 2022 millet production forecast.



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

**Figure 2.** Sierra Leone 2021 millet production forecast.



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

MT, 8,361 MT and 7,917 MT, respectively. In contrast, lower production levels are observed in regions such as Kono (Eastern), Bonthe (Southern) and Western Rural (Western), with total production levels evaluated respectively at 67, 309, and 312 metric tons.

However, the highest increases in millet production levels exceeding 950 metric tons for 2022 compared to 2021 are expected in Port Loko, Tonkolili, Bombali, and Moyamba, with 1,377 MT, 1,087 MT, 964 MT and 940 MT, respectively.

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## Annex – 2022 Sierra Leone Millet Production Forecast at District level

| Provinces | Districts     | 2022 Prod (MT) | 2021 Prod (MT) | Absolute Difference (MT) | Relative Difference (%) |
|-----------|---------------|----------------|----------------|--------------------------|-------------------------|
| Eastern   | Kono          | 67             | 62             | 5                        | 8%                      |
| Northern  | Bombali       | 8361           | 7398           | 964                      | 13%                     |
| Northern  | Kambia        | 3306           | 2819           | 488                      | 17%                     |
| Northern  | Koinadugu     | 1481           | 1182           | 299                      | 25%                     |
| Northern  | Port Loko     | 11857          | 10480          | 1377                     | 13%                     |
| Northern  | Tonkolili     | 7917           | 6830           | 1087                     | 16%                     |
| Southern  | Bo            | 350            | 302            | 48                       | 16%                     |
| Southern  | Bonthe        | 309            | 250            | 60                       | 24%                     |
| Southern  | Moyamba       | 5579           | 4639           | 940                      | 20%                     |
| Western   | Western Rural | 312            | 316            | -4                       | -1%                     |
| Western   | Western Urban | 0              | 0              | 0                        | 0%                      |
| Total     |               | 39539          | 34278          | 5262                     | 15%                     |

**Notes:** MT (Metric ton): 1 MT is equivalent to 1,000 kilograms  
Absolute Difference: 2022 Prod – 2021 Prod  
Relative Difference: (2022 – 2021) / 2021

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