

AAGWa Crop Production Forecasts Brief Series

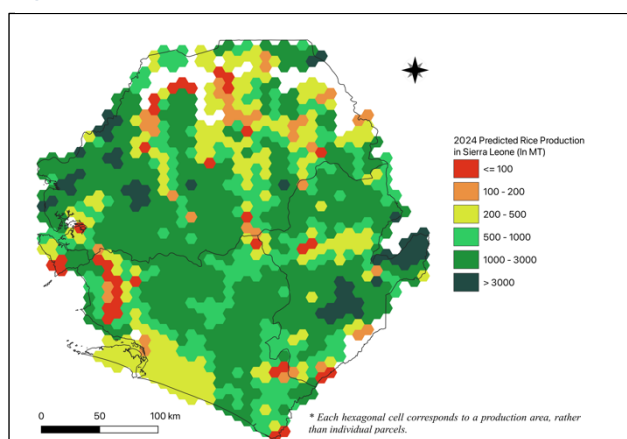
Sierra Leone – Rice

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 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

Figure 1. Sierra Leone 2024 Rice Production Forecast.



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

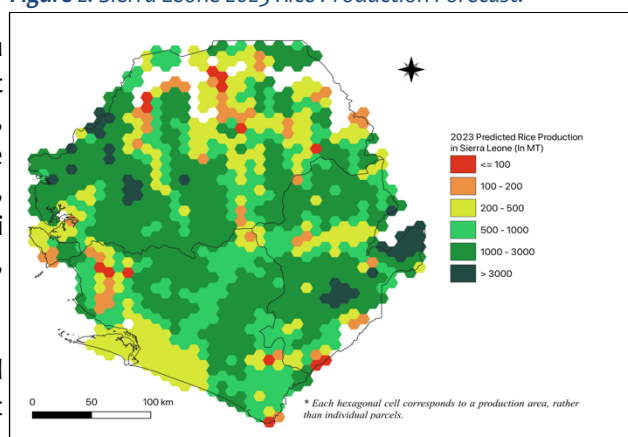
(Eastern), Tonkolili (Northern), and Koinadugu (Northern), with production volumes estimated at 112,148 MT, 94,748 MT, 89,221 MT, and 87,347 MT, respectively. In contrast, lower production volumes are observed in districts such as Western Rural (Western), Bonthe (Southern), Pujehun (Southern), and Bombali (Northern), with production values of, respectively, 7,685 MT, 14,364 MT, 41,098 MT, and 67,587 MT.

Moreover, the districts of Port Loko, Kambia, Kono, and Kailahun are expected to experience the most significant increases in rice production in 2024 compared to 2023, with differences of 9,649 MT, 6,995 MT, 6,930 MT, and 6880 MT, respectively. These correspond to changes of 9%, 11%, 9%, and 8%.

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 180, we provide forecasts on rice production in Sierra Leone.

In 2024, rice production in Sierra Leone is projected to reach 919,567 metric tons (MT), corresponding to an 8% increase over 2023 production levels. The most significant rice production levels are expected to occur in districts such as Port Loko (Northern), Kailahun

Figure 2. Sierra Leone 2023 Rice 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 Sierra Leone Rice Production Forecast at District Level

Provinces	Districts	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Eastern	Kailahun	94748	87868	6880	8%
Eastern	Kenema	86896	80215	6681	8%
Eastern	Kono	81496	74566	6930	9%
Northern	Bombali	67587	62777	4810	8%
Northern	Kambia	72898	65903	6995	11%
Northern	Koinadugu	87347	81343	6004	7%
Northern	Port Loko	112148	102498	9649	9%
Northern	Tonkolili	89221	82644	6578	8%
Southern	Bo	86404	79773	6631	8%
Southern	Bonthe	14364	14836	-472	-3%
Southern	Moyamba	77675	72375	5300	7%
Southern	Pujehun	41098	38327	2772	7%
Western	Western Rural	7685	7131	555	8%
Total		919567	850256	69313	8%

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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