

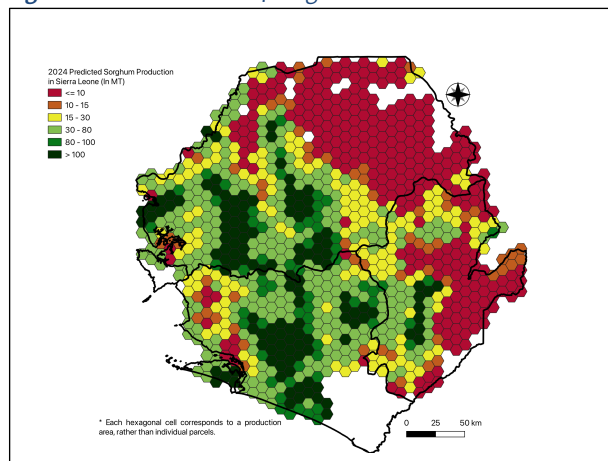
AAGWa Crop Production Forecasts Brief Series Sierra Leone – Sorghum

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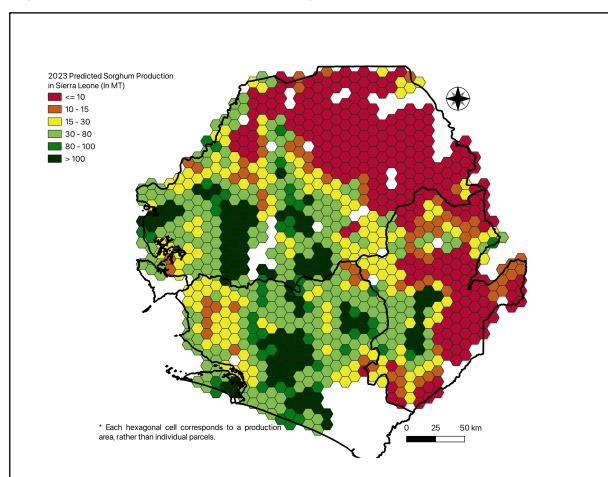
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for ten major crops across nearly 50

Figure 1. Sierra Leone 2024 Sorghum Production Forecast.



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

Figure 2. Sierra Leone 2023 Sorghum Production Forecast.



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

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 213, we provide forecasts on sorghum production in Sierra Leone.

In 2024, sorghum production in Sierra Leone is projected to reach 32,270 metric tons (MT), indicating a 40% increase over 2023 production levels. The highest sorghum producers are expected to be Port Loko (Northern), Bo (Southern), Tonkolili (Northern), Moyamba (Southern), and Bombali (Northern), with production levels estimated at 5,286 MT, 4,927 MT, 4,861 MT, 3,830 MT, and 3,702 MT. In contrast, lower production values are observed at Kono (Eastern), Koinadugu (Northern), Pujehun (Southern), Kailahun (Eastern), and Western Rural (Western) with production of respectively, 1,124 MT, 287 MT, 125 MT, 100 MT, and 97 MT.

Compared to 2023, the most significant sorghum production increases in 2024 are expected in districts such as Tonkolili (Northern), Port Loko (Northern), Bombali (Northern), Moyamba (Southern), and Bo

(Southern), with differences of 2,556 MT, 1,645 MT, 1,487 MT, 1,110 MT, and 862 MT, respectively. These correspond to changes of 111 %, 45 %, 67 %, 41 %, and 21 %.

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Annex – 2024 Sierra Leone Sorghum Production Forecast at District Level

Provinces	Districts	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Eastern	Kailahun	100	115	-15	-13%
Eastern	Kenema	3191	2500	691	28%
Eastern	Kono	1124	769	354	46%
Northern	Bombali	3702	2215	1487	67%
Northern	Kambia	1481	1338	143	11%
Northern	Koinadugu	287	329	-42	-13%
Northern	Port Loko	5286	3641	1645	45%
Northern	Tonkolili	4861	2305	2556	111%
Southern	Bo	4927	4065	862	21%
Southern	Bonthe	3259	2914	345	12%
Southern	Moyamba	3830	2720	1110	41%
Southern	Pujehun	125	111	14	13%
Western	Western Rural	97	41	56	138%
Total		32270	23063	9206	40%

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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