

AAGWa Crop Production Forecasts Brief Series Sierra Leone – Cassava

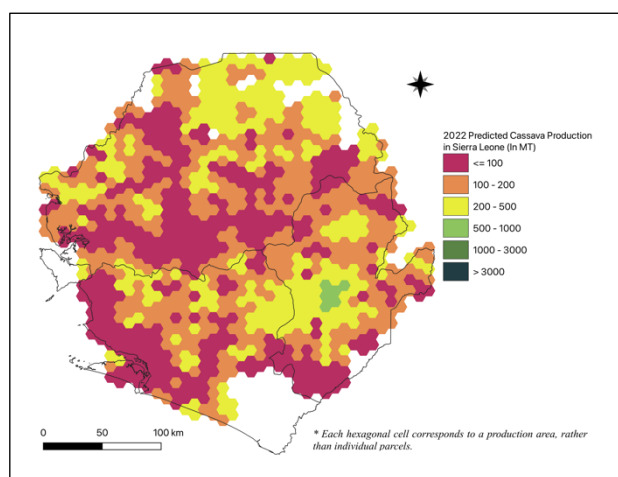
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The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability, 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 104, we provide forecasts on Cassava production in Sierra Leone.

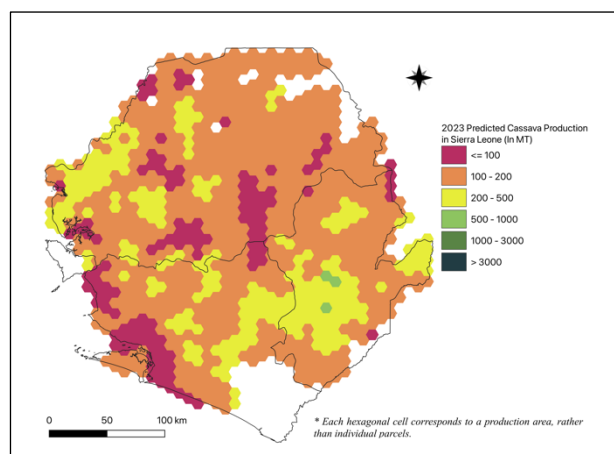
In 2023, cassava production in Sierra Leone is expected reach 112,749 metric tons (MT), corresponding to a 13% increase over 2022 production levels.

Figure 2. Sierra Leone 2022 Cassava production forecast.



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

Figure 1. Sierra Leone 2023 Cassava production forecast.



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

However, the most significant cassava production levels are expected to occur in districts such as Kenema (Eastern), Koinadugu (Northern), Moyamba (Southern), Bo (Southern), and Port Loko (Northern) with production levels estimated at 15,645 MT, 13,177 MT, 11,458 MT, 11,386 MT, and 11,121 MT, respectively. In contrast, lower production values are observed in Western Rural (Western), Pujehun (Southern), Bonthe (Southern), Kambia (Northern), and Kailahun (Eastern), with production values evaluated at, respectively, 248 MT, 282 MT, 5,140 MT, 6,886 MT, and 7,622 MT.

Moreover, the most significant cassava production increases in 2023 are expected to occur in Northern, and Southern provinces, particularly in Port Loko, Tonkolili, Bo, Moyamba, and Bonthe with differences of respectively, 3,175 MT, 3,033 MT, 2,252 MT, 1,963 MT, and 1,709 MT. These correspond to changes of, respectively, 40%, 50%, 25%, 21%, and 50%.

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Annex – 2023 Sierra Leone Cassava Production Forecast at District level

Provinces	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Eastern	Kailahun	7622	6523	1099	17%
Eastern	Kenema	15645	14507	1138	8%
Eastern	Kono	10151	9225	926	10%
Northern	Bombali	10547	8860	1687	19%
Northern	Kambia	6886	5636	1249	22%
Northern	Koinadugu	13177	18815	-5639	-30%
Northern	Port Loko	11121	7946	3175	40%
Northern	Tonkolili	9086	6053	3033	50%
Southern	Bo	11386	9134	2252	25%
Southern	Bonthe	5140	3431	1709	50%
Southern	Moyamba	11458	9495	1963	21%
Southern	Pujehun	282	342	-60	-17%
Western	Western Rural	248	209	39	19%
Total		112749	100177	12572	13%

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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