

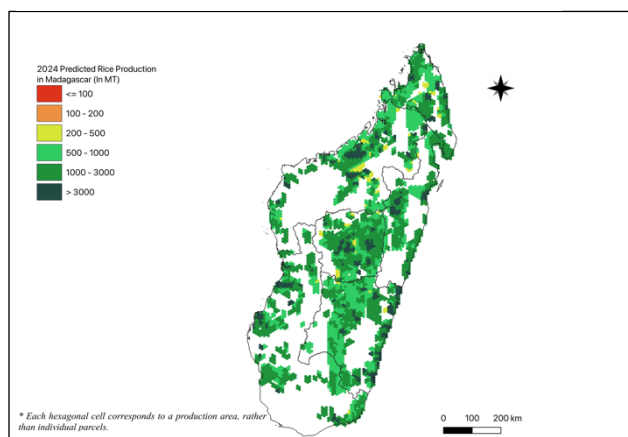
AAGWa Crop Production Forecasts Brief Series Madagascar – Rice

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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

Figure 1. Madagascar 2024 Rice production forecast.



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

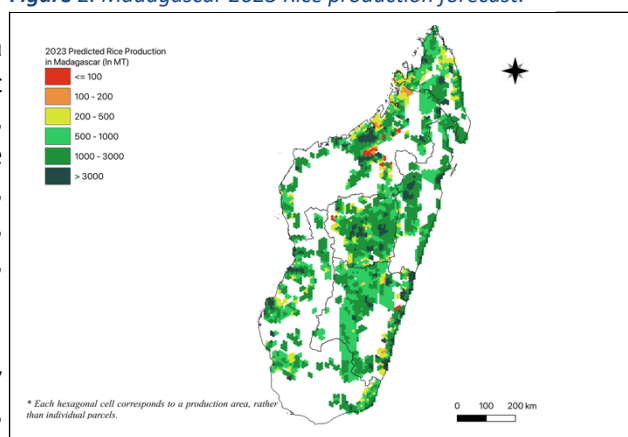
(Mahajanga), Menabe (Toliary), and Analamanga (Antananarivo) with production levels estimated at 323,634 MT, 322,739 MT, 297,532 MT, and 271,241 MT, respectively. In contrast, lower production values are observed in Androy (Toliary), Melaky (Mahajanga), Atsinanana (Toamasina), and Betsiboka (Mahajanga), with production levels of respectively, 10,519 MT, 86,616 MT, 94,298 MT, and 105,804 MT.

Moreover, regions such as Vatovavy Fitovinany (Fianarantsoa), Atsimo-Andrefana (Toliary), Menabe, and Sofia are expected to experience the most significant increases of rice production volumes in 2024 with differences of respectively, 55,628 MT, 52,392 MT, 47,172 MT, and 40,359 MT. These correspond to changes of, respectively, 26%, 31%, 19%, and 14%.

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 123, we provide forecasts on rice production in Madagascar.

In 2024, rice production in Madagascar is projected to reach 4,100,382 metric tons (MT), which corresponds to a 13% increase over 2023 production levels. The most significant rice production levels are expected in regions such as in Boeny (Mahajanga), Sofia

Figure 2. Madagascar 2023 Rice production forecast.



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

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Annex – 2024 Madagascar Rice Production Forecast at District Level

Provinces	Regions	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Antananarivo	Analamanga	271241	259136	12105	5%
Antananarivo	Bongolava	169636	148427	21209	14%
Antananarivo	Itasy	151181	141217	9963	7%
Antananarivo	Vakinankaratra	212807	209355	3452	2%
Antsiranana	Diana	163553	132516	31037	23%
Antsiranana	Sava	208155	189854	18300	10%
Fianarantsoa	Amoron'i mania	151732	138985	12748	9%
Fianarantsoa	Atsimo-Atsinana	163412	134988	28424	21%
Fianarantsoa	Haute matsiatra	230479	220633	9847	4%
Fianarantsoa	Ihorombe	115189	104385	10803	10%
Fianarantsoa	Vatovavy Fitovinany	267958	212331	55628	26%
Mahajanga	Betsiboka	105804	102694	3110	3%
Mahajanga	Boeny	323634	287123	36511	13%
Mahajanga	Melaky	86616	75213	11404	15%
Mahajanga	Sofia	322739	282380	40359	14%
Toamasina	Alaotra-Mangoro	249430	251853	-2423	-1%
Toamasina	Analanjироfo	121864	111322	10542	9%
Toamasina	Atsinanana	94298	77258	17040	22%
Toliary	Androy	10519	7006	3514	50%
Toliary	Anosy	163595	133801	29794	22%
Toliary	Atsimo-Andrefana	219006	166615	52392	31%
Toliary	Menabe	297532	250360	47172	19%
Total		4100382	3637450	462932	13%

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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