

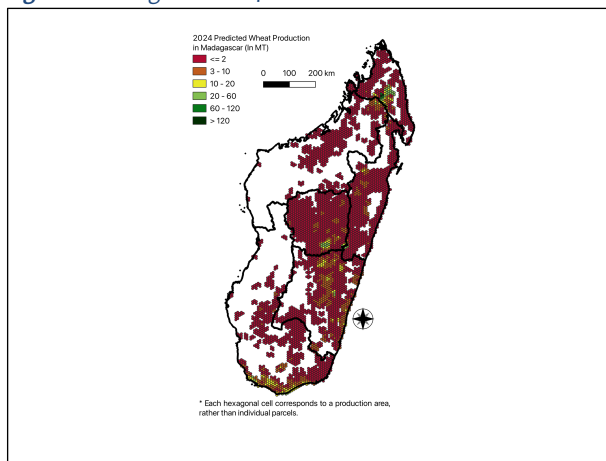
AAGWa Crop Production Forecasts Brief Series Madagascar – Wheat

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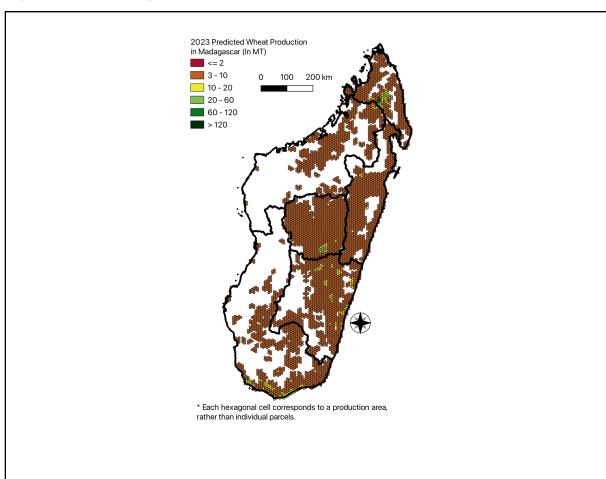
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for ten major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow 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 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 224, we provide forecasts on wheat production in Madagascar.

Figure 1. Madagascar 2024 Wheat Production Forecast.



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

Figure 2. Madagascar 2023 Wheat Production Forecast.



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

In 2024, wheat production in Madagascar is projected to reach 7,540 metric tons (MT), indicating a 52% decrease over 2023 production levels. The highest wheat producers are expected to be Sava (Antsiranana), Vakinankaratra (Antananarivo), Androy (Toliary), Vatovavy Fitovinany (Fianarantsoa), and Haute matsiatra (Fianarantsoa), with production levels estimated at 1,171 MT, 864 MT, 716 MT, 555 MT, and 452 MT. In contrast, lower production values are observed at Ihorombe (Fianarantsoa), Boeny (Mahajanga), Betsiboka (Mahajanga), Menabe (Toliary), and Melaky (Mahajanga) with production of respectively, 106 MT, 105 MT, 35 MT, 15 MT, and 9 MT.

Compared to 2023, the most significant wheat production increases in 2024 are expected in districts such as Melaky (Mahajanga), Menabe (Toliary), Betsiboka (Mahajanga), Androy (Toliary), and Ihorombe (Fianarantsoa), with differences of -23 MT, -37 MT, -83 MT, -172 MT, and -225 MT, respectively. These correspond to changes of -72 %, -70 %, -70 %, -19 %, and -68 %.

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Annex – 2024 Madagascar Wheat Production Forecast at District Level

Provinces	Regions	Production2017	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Antananarivo	Analamanga	130,6	286	838	-552	-66%
Antananarivo	Bongolava	77,7	200	695	-495	-71%
Antananarivo	Itasy	78,7	153	397	-245	-62%
Antananarivo	Vakinankaratra	734,5	864	1323	-460	-35%
Antsiranana	Diana	67	174	579	-404	-70%
Antsiranana	Sava	1041,3	1171	1497	-327	-22%
Fianarantsoa	Amoron'i mania	282,5	384	699	-315	-45%
Fianarantsoa	Atsimo- Atsinana	228	315	664	-349	-53%
Fianarantsoa	Haute matsiatra	333,6	452	823	-370	-45%
Fianarantsoa	Ihorombe	58,6	106	331	-225	-68%
Fianarantsoa	Vatovavy Fitovinany	448,6	555	1091	-536	-49%
Mahajanga	Betsiboka	13,8	35	118	-83	-70%
Mahajanga	Boeny	10,1	105	416	-312	-75%
Mahajanga	Melaky	3,4	9	32	-23	-72%
Mahajanga	Sofia	199,3	346	865	-519	-60%
Toamasina	Alaotra- Mangoro	233,9	397	1099	-702	-64%
Toamasina	Analanjироfo	49,7	147	689	-542	-79%
Toamasina	Atsinanana	273,2	407	926	-520	-56%
Toliary	Androy	632,3	716	889	-172	-19%
Toliary	Anosy	148,3	278	836	-558	-67%
Toliary	Atsimo- Andrefana	306,5	425	796	-371	-47%
Toliary	Menabe	4,3	15	53	-37	-70%
Total			7540	15656	-8117	-52%

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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