



AAGWa Crop Production Forecasts Brief Series

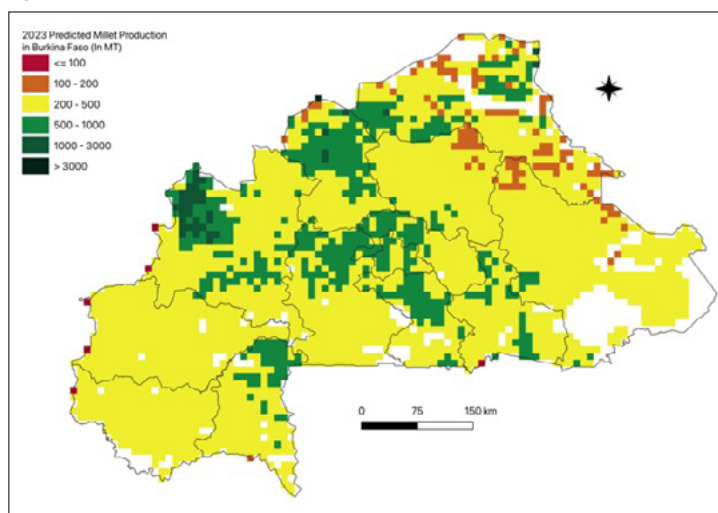
Burkina Faso – Millet

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No. 50, September 2023

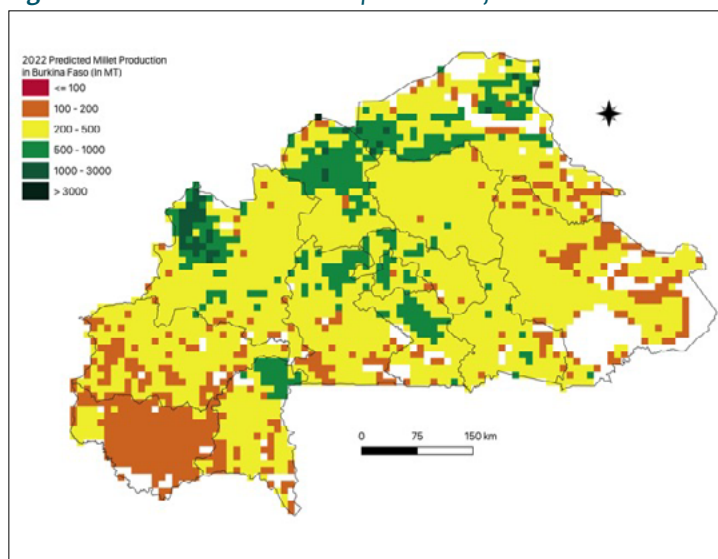
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow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

Figure 1. Burkina Faso 2023 millet production forecast.



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

Figure 2. Burkina Faso 2022 millet production forecast.



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

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 50, we provide forecasts on millet production in Burkina Faso.

In 2023, millet production in Burkina Faso is projected to reach 1,124,419 metric tons (MT), corresponding to a 7% increase over 2022 production levels. The southern part of the country is expected to produce the most significant volumes of millet, particularly in Kossi (Boucle du Mouhoun), Soum (Sahel), Yatenga (Nord), Gourma (Est), and Houet (Haut-Bassins), with production levels estimated at 77,786 MT, 61,710 MT, 52,714 MT, 43,394 MT, and 41,559 MT, respectively. In contrast, lower production values are observed in Zondoma (Nord), Nounbiel (Sud-Ouest), Kompienga (Est), Léraba (Cascades), Kourwéogo (Plateau-Central), and Nahouri (Centre-Sud), with production volumes of respectively, 6,202 MT, 6,829 MT, 8,805 MT, 9,623 MT, 11,043 MT, and 11,769 MT.

However, districts such as Comoé (Cascades), Houet, Kénédougou (Haut-Bassins), Mouhoun (Boucle du Mouhoun), Gourma, and Poni (Sud-Ouest) are expected to experience the most significant increases of millet production volumes in 2023, with differences of, 10,701 MT, 7,824 MT, 5,097 MT, 4,922 MT, 4,605 MT, and 4,249 MT, respectively. These correspond to changes of, respectively, 38%, 23%, 23%, 15%, 12%, and 19%.

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Annex – 2023 Burkina Faso Millet Production Forecast at District level

Regions	Provinces	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Boucle du Mouhoun	Balé	18351	15528	2823	18%
Boucle du Mouhoun	Banwa	24829	21906	2923	13%
Boucle du Mouhoun	Kossi	77786	75780	2006	3%
Boucle du Mouhoun	Mouhoun	38047	33125	4922	15%
Boucle du Mouhoun	Nayala	18046	16487	1560	9%
Boucle du Mouhoun	Sourou	25007	23745	1263	5%
Cascades	Comoé	38619	27919	10701	38%
Cascades	Léraba	9623	7884	1739	22%
Centre	Kadiogo	16244	14709	1534	10%
Centre-Est	Boulgou	30524	27665	2859	10%
Centre-Est	Koulpélogo	20587	18007	2580	14%
Centre-Est	Kouritenga	15726	14118	1608	11%
Centre-Nord	Bam	17312	17325	-14	-0,079%
Centre-Nord	Namentenga	22426	22524	-98	-0,43%
Centre-Nord	Sanmatenga	36112	36161	-49	-0,13%
Centre-Ouest	Boulkiemdé	27042	24455	2587	11%
Centre-Ouest	Sanguié	27329	24433	2897	12%
Centre-Ouest	Sissili	21125	17914	3212	18%
Centre-Ouest	Ziro	18475	15622	2853	18%
Centre-Sud	Bazèga	22141	19699	2443	12%
Centre-Sud	Nahouri	11769	9882	1886	19%
Centre-Sud	Zoundwéogo	19017	16831	2186	13%
Est	Gnagna	30557	29172	1385	5%
Est	Gourma	43394	38790	4605	12%
Est	Komandjoari	14578	12941	1637	13%
Est	Kompienga	8805	7975	830	10%
Est	Tapoa	29786	25597	4189	16%
Haut-Bassins	Houet	41559	33735	7824	23%
Haut-Bassins	Kénédougou	27085	21988	5097	23%
Haut-Bassins	Tuy	20484	16994	3491	21%
Nord	Loroum	23957	24360	-404	-2%
Nord	Passoré	16366	15091	1275	8%
Nord	Yatenga	52714	52083	631	1%
Nord	Zondoma	6202	5653	549	10%
Plateau-Central	Ganzourgou	18718	16800	1918	11%
Plateau-Central	Kourwéogo	11043	10008	1035	10%
Plateau-Central	Oubritenga	17244	15668	1576	10%
Sahel	Oudalan	36647	46372	-9725	-21%
Sahel	Séno	22905	27685	-4780	-17%
Sahel	Soum	61710	74883	-13173	-18%
Sahel	Yagha	15506	15677	-171	-1%



Regions	Provinces	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Sud-Ouest	Bougouriba	15518	13144	2374	18%
Sud-Ouest	Ioba	19796	17724	2071	12%
Sud-Ouest	Noumbiel	6829	5993	835	14%
Sud-Ouest	Poni	26880	22630	4249	19%
Total		1124419	1052680	71740	7%

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.

Suggested Citation: Ndoye, A., M. Dia, and K. Dia. 2023. AAgWa Crop Production Forecasts Brief Series: Burkina Faso – Millet. AAgWa Crop Production Forecasts Brief Series, No. 50. Kigali: AKADEMIYA2063. <https://doi.org/10.54067/acpf.50>