

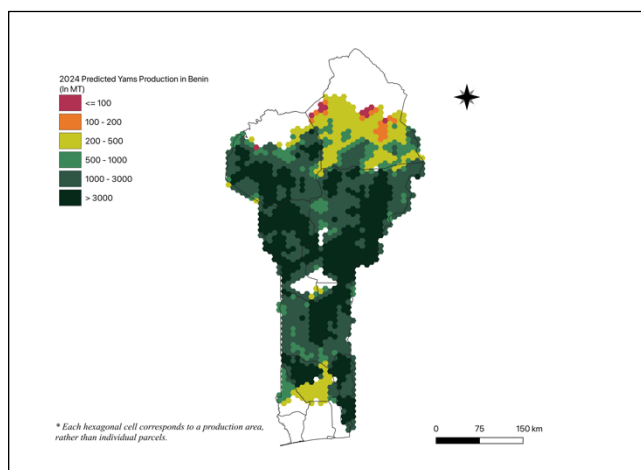
AAGWa Crop Production Forecasts Brief Series Benin – Yam

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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

Figure 1. Benin 2024 Yam Production Forecast.



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

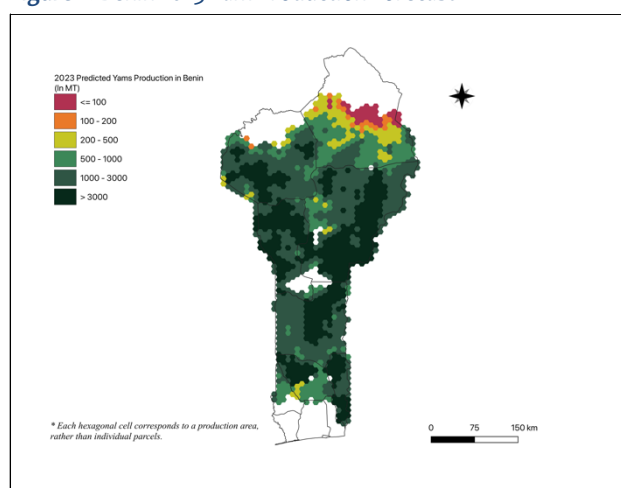
Glazoué (Collines), Tchaourou (Borgou), Kalalé (Borgou), Djougou Rural (Donga), and Nikki (Borgou), with production volumes estimated at 581,015 MT, 365,697 MT, 204,429 MT, 184,261 MT, and 150,355 MT, respectively. In comparison, lower production values are observed in communes such as Malanville (Alibori), Zagnanado (Zou), Toffo (Atlantique), and Abomey (Zou), with production levels of 248 MT, 276 MT, 300 MT, and 358 MT, respectively.

Moreover, the most significant yam production increases in 2024 are expected in communes such as Glazoué, Djougou Rural, Kouandé (Atakora), N'Dali (Borgou), Kalalé, and Tchaourou, with differences of respectively, 25,843 MT, 22,313 MT, 18,483 MT, 14,581 MT, 13,220 MT, and 11,786 MT, respectively. These correspond to changes of 5%, 14%, 18%, 20%, 7%, and 3%.

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 geobiophysical data to produce estimates at pixel as well as administrative levels as early as the beginning of every growing season. In Brief 150, we provide forecasts on yam production in Benin.

In 2024, yam production in Benin is projected to reach 3,376,186 metric tons (MT), indicating a 6% increase over 2023 production levels. The most significant yam production levels are expected in

Figure 2. Benin 2023 Yam Production Forecast.



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

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Annex – 2024 Benin Yam Production Forecast at District Level

Departments	Communes	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Alibori	Banikoara	17859	22772	-4912	-22%
Alibori	Gogounou	42960	50282	-7322	-15%
Alibori	Kandi	9510	10239	-729	-7%
Alibori	Karimama	836	324	512	158%
Alibori	Malanville	248	0	248	inf
Alibori	Ségbana	29814	26998	2815	10%
Atakora	Boukoumbé	23309	19176	4133	22%
Atakora	Cobly	32380	26723	5658	21%
Atakora	Kérou	69235	66880	2356	4%
Atakora	Kouandé	118940	100457	18483	18%
Atakora	Matéri	49266	41031	8236	20%
Atakora	Natitingou	68711	57539	11173	19%
Atakora	Péhunco	45249	38411	6838	18%
Atakora	Tanguiéta	47364	40971	6393	16%
Atakora	Toucountouna	62850	54866	7984	15%
Atlantique	Toffo	300	637	-337	-53%
Borgou	Bembèrèkè	100721	89389	11332	13%
Borgou	Kalalé	204429	191209	13220	7%
Borgou	N'Dali	87225	72644	14581	20%
Borgou	Nikki	150355	145257	5098	4%
Borgou	Parakou	89108	85853	3255	4%
Borgou	Pèrèrè	129206	123817	5390	4%
Borgou	Sinendé	75591	63909	11682	18%
Borgou	Tchaourou	365697	353911	11786	3%
Collines	Bantè	50599	54780	-4181	-8%
Collines	Dassa-Zoumè	20622	24576	-3954	-16%
Collines	Glazoué	581015	555173	25843	5%
Collines	Ouèssè	112793	110926	1867	2%
Collines	Savalou	39187	44521	-5333	-12%
Collines	Savè	54624	51523	3101	6%
Donga	Bassila	143678	135591	8087	6%
Donga	Copargo	38127	31022	7105	23%
Donga	Djougou Rural	184261	161948	22313	14%
Donga	Djougou Urbain	23906	21045	2861	14%
Donga	Ouaké	30987	25522	5464	21%
Kouffo	Aplahoué	3672	6270	-2597	-41%
Kouffo	Djakotomey	485	593	-108	-18%
Plateau	Adja-Ouèrè	19535	19397	138	1%
Plateau	Ifangni	9852	7777	2075	27%
Plateau	Kétou	96176	90397	5779	6%
Plateau	Pobè	7854	6919	935	14%
Plateau	Sakété	13777	14382	-606	-4%
Zou	Abomey	358	403	-44	-11%
Zou	Agbangnizoun	812	1306	-494	-38%
Zou	Covè	1331	2564	-1232	-48%
Zou	Djidja	112077	113723	-1645	-1%
Zou	Ouinhi	5897	6245	-348	-6%
Zou	Za-Kpota	423	499	-76	-15%
Zou	Zagnanado	276	663	-388	-58%



Zou	Zogbodomey	2699	4796	-2097	-44%
Total		3376186	3175856	200338	6%

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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