

AAGWa Crop Production Forecasts Brief Series Benin – Cassava

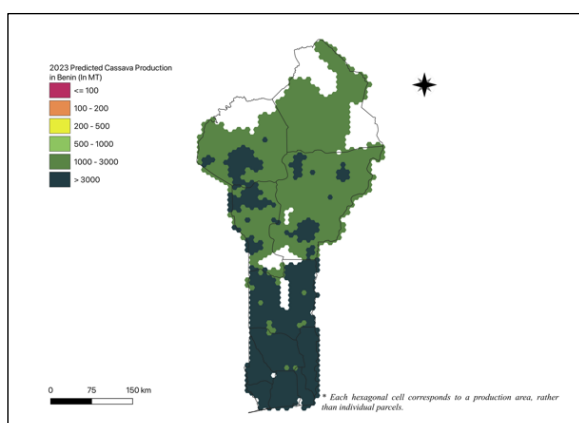
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The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability, 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 96, we provide forecasts on Cassava production in Benin.

Figure 1. Benin 2023 Cassava production forecast.



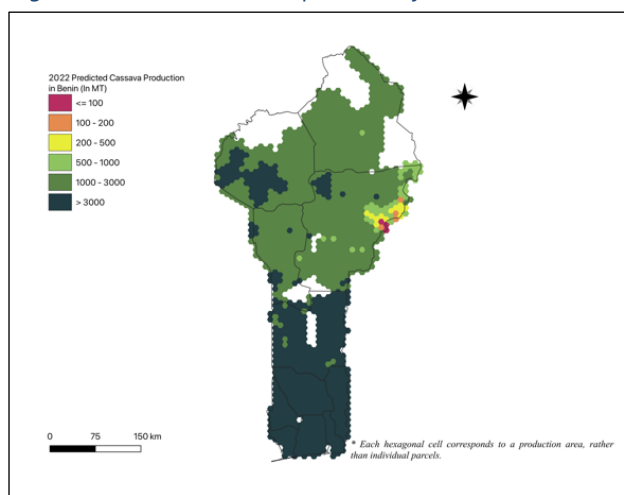
Data source: Africa Agriculture Watch (www.aagwa.org).

cassava, particularly in Kétou (Plateau), Ouèssè (Collines), Tchaourou (Borgou), Savè (Collines), and Zè (Atlantique) with production levels estimated at 532,184 MT, 432,398 MT, 168,044 MT, 161,816 MT, and 136,723 MT, respectively. In contrast, lower production values are observed in Bonou (Ouémé), Ségbana (Alibori), Toviklin (Kouffo), Abomey (Zou), Athiémè (Mono), and Porto-Novo (Ouémé), with production values of, respectively, 1,182 MT, 3,314 MT, 5,009 MT, 8,118 MT, 9,774 MT, and 11,037 MT.

However, communes such as Nikki (Borgou), Tchaourou, Kalalé (Borgou), Kétou, and Djougou Rural (Donga) are expected to experience the most significant increases of cassava production volumes in 2023 with differences of respectively, 43,519 MT, 40,050 MT, 34,560 MT, 33,175 MT, and 25,920 MT. These similarly correspond to changes of, respectively, 145%, 31%, 45%, 7% and 25%.

In 2023, cassava production in Benin is projected to reach 5,200,017 metric tons (MT), which corresponds to a 4% increase over 2022 production levels. However, communes in the Southern part of the country are expected to produce the most significant volumes of

Figure 2. Benin 2022 Cassava production forecast.



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

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Annex – 2023 Benin Cassava Production Forecast at District level

Departments	Communes	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Alibori	Banikoara	74783	77590	-2807	-4%
Alibori	Gogounou	90096	95853	-5757	-6%
Alibori	Kandi	52053	56908	-4855	-9%
Alibori	Karimama	29962	40998	-11037	-27%
Alibori	Malanville	44385	47724	-3339	-7%
Alibori	Ségbana	3314	2145	1169	55%
Atakora	Boukoubé	23589	26633	-3044	-11%
Atakora	Cobly	28221	33316	-5095	-15%
Atakora	Kérou	67539	67082	457	1%
Atakora	Kouandé	113789	109152	4636	4%
Atakora	Matéri	42658	57140	-14483	-25%
Atakora	Natitingou	29275	30306	-1031	-3%
Atakora	Péhunco	54429	55855	-1426	-3%
Atakora	Tanguiéta	35676	50067	-14391	-29%
Atakora	Toucountouna	49121	52923	-3802	-7%
Atlantique	Abomey-Calavi	105048	103973	1075	1%
Atlantique	Allada	35811	43537	-7727	-18%
Atlantique	Kpomassè	65923	66699	-776	-1%
Atlantique	Ouidah	11922	13134	-1212	-9%
Atlantique	Toffo	125340	118454	6886	6%
Atlantique	Tori-Bossito	50892	51443	-551	-1%
Atlantique	Zè	136723	137874	-1151	-1%
Borgou	Bembèrèkè	95398	84277	11121	13%
Borgou	Kalalé	110665	76105	34560	45%
Borgou	N'Dali	81742	58876	22866	39%
Borgou	Nikki	73528	30009	43519	145%
Borgou	Parakou	28022	18765	9257	49%
Borgou	Pèrèrè	59838	37298	22540	60%
Borgou	Sinendé	69435	70714	-1279	-2%
Borgou	Tchaourou	168044	127994	40050	31%
Collines	Bantè	118643	119048	-404	0%
Collines	Dassa-Zoumè	91568	95579	-4011	-4%
Collines	Ouèssè	432398	412093	20305	5%
Collines	Savalou	115752	117535	-1783	-2%
Collines	Savè	161816	162446	-629	0%
Donga	Bassila	112494	105953	6540	6%
Donga	Copargo	30725	21719	9006	41%
Donga	Djougou Rural	131146	105226	25920	25%
Donga	Djougou Urbain	11967	7858	4109	52%
Donga	Ouaké	23332	17351	5981	34%
Kouffo	Aplahoué	32972	43162	-10190	-24%
Kouffo	Djakotomey	38135	42575	-4440	-10%
Kouffo	Dogbo	35965	38778	-2813	-7%
Kouffo	Klouékanmè	28020	36843	-8823	-24%
Kouffo	Lalo	35407	33097	2311	7%
Kouffo	Toviklin	5009	6696	-1687	-25%
Mono	Athiémè	9774	11407	-1634	-14%
Mono	Bopa	36133	41823	-5690	-14%
Mono	Comè	13874	16961	-3087	-18%



Mono	Houéyogbé	60392	60540	-147	0%
Mono	Lokossa	24786	26737	-1951	-7%
Ouémé	Adjohoun	102334	97793	4540	5%
Ouémé	Aguégus	22823	21671	1152	5%
Ouémé	Akpro-Missérété	64365	58861	5504	9%
Ouémé	Bonou	1182	3056	-1874	-61%
Ouémé	Dangbo	46979	42263	4715	11%
Ouémé	Porto-Novo	11037	11423	-385	-3%
Ouémé	Sèmè-Kpodji	101034	93966	7069	8%
Plateau	Adja-Ouèrè	128287	122242	6045	5%
Plateau	Ifangni	50399	33474	16925	51%
Plateau	Kétou	532184	499009	33175	7%
Plateau	Pobè	42608	44210	-1602	-4%
Plateau	Sakété	93268	87559	5708	7%
Zou	Abomey	8118	9444	-1326	-14%
Zou	Agbangnizoun	19495	22011	-2516	-11%
Zou	Bohicon	22862	22613	249	1%
Zou	Covè	49591	52770	-3179	-6%
Zou	Djidja	122807	145499	-22692	-16%
Zou	Ouinhi	132043	121271	10771	9%
Zou	Za-Kpota	33092	37734	-4642	-12%
Zou	Zagnanado	54839	58996	-4157	-7%
Zou	Zogbodomey	53142	65747	-12605	-19%
Total		5200017	5017884	182134	4%

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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