Africa Agriculture Watch
By AKADEMIYA2063

AAgWa Crop Production Forecasts Brief Series

Guinea-Bissau – Maize

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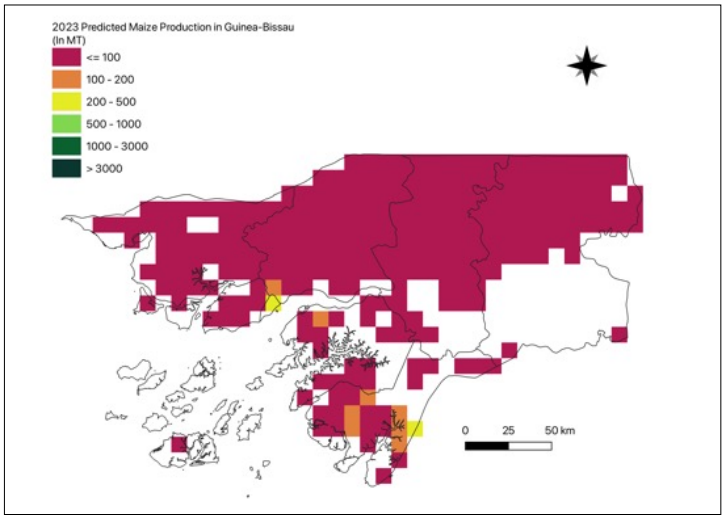
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAgWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow 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 42, we provide forecasts on maize production in Guinea-Bissau.

In 2023, maize production in Guinea-Bissau is projected to reach 9,629 metrics tons (MT), indicating an 11% increase over 2022 production levels. However, the most significant volumes of maize production are expected in districts such as Contuboel (Bafatá), Piche (Gabú), Pirada (Gabú), and Bigene (Cacheu), with production volumes estimated at 881 MT, 874 MT, 585 MT, and 514 MT, respectively. On the other hand, lower production values are observed in Empada (Quinara), Boe (Gabú), Xitole (Bafatá), and Buba (Quinara) with respectively, 28 MT, 37 MT, 50 MT, and 52 MT.

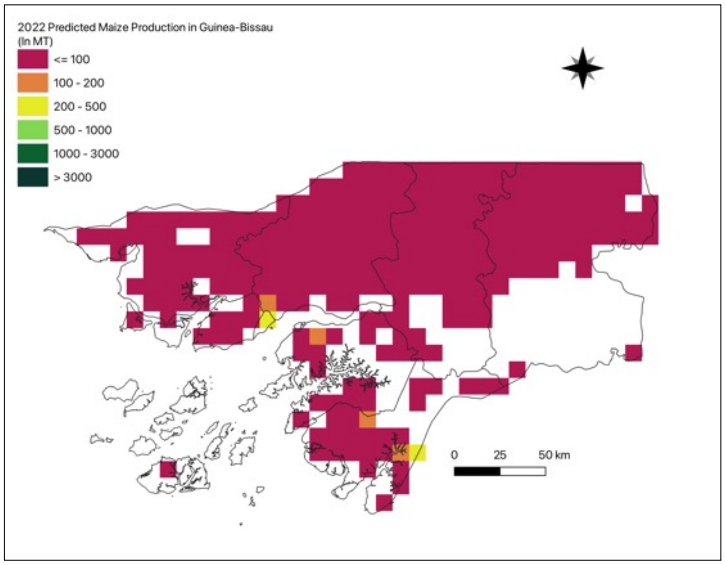
Moreoever, the most significant maize production increases in 2023 are expected to occur in Contuboel, Bedanda (Tombali), Bigene, Piche (Gabú), and Pirada, with differences of respectively, 171 MT, 156 MT, 148 MT, 101 MT, and 97 MT. These correspond to changes of respectively, 24%, 44%, 41%, 13%, and 20%.

Figure 1. *Guinea-Bissau 2023 maize production forecast.*



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

Figure 2. *Guinea-Bissau 2022 maize production forecast.*



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Annex – 2023 Guinea-Bissau Maize Production Forecast at District level

Regions	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Bafatá	Bafata	231	227	3	1%
Bafatá	Bambadinca	97	122	-25	-21%
Bafatá	Contuboel	881	710	171	24%
Bafatá	Galomaro	186	191	-6	-3%
Bafatá	Gamamundo	422	349	73	21%
Bafatá	Xitole	50	69	-19	-27%
Biombo	Prabis	84	59	24	41%
Biombo	Quinhamel	176	139	38	27%
Biombo	Safim	116	90	27	30%
Bissau	Bissau	387	432	-46	-11%
Bolama	Bubaque	2	12	-9	-79%
Cacheu	Bigene	513	365	148	41%
Cacheu	Bula	282	237	45	19%
Cacheu	Cacheu	200	182	17	9%
Cacheu	Caio	52	74	-22	-30%
Cacheu	Canghungo	107	134	-27	-20%
Cacheu	Sao Domingos	277	237	40	17%
Gabú	Boe	37	41	-4	-10%
Gabú	Gabu	468	419	49	12%
Gabú	Piche	874	773	101	13%
Gabú	Pirada	585	487	97	20%
Gabú	Sonaco	372	315	57	18%
Oio	Bissora	238	231	7	3%
Oio	Farim	364	371	-7	-2%
Oio	Mansaba	273	281	-8	-3%
Oio	Mansoa	225	224	1	0%
Oio	Nhacra	294	262	32	12%
Quinara	Buba	52	94	-42	-44%
Quinara	Empada	28	62	-33	-54%
Quinara	Fulacunda	57	73	-15	-21%
Quinara	Tite	244	226	17	8%
Tombali	Bedanda	512	356	156	44%
Tombali	Cacine	485	439	46	10%
Tombali	Catio	366	274	92	34%
Tombali	Quebo	91	102	-11	-11%
Total		9629	8660	969	11%

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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