

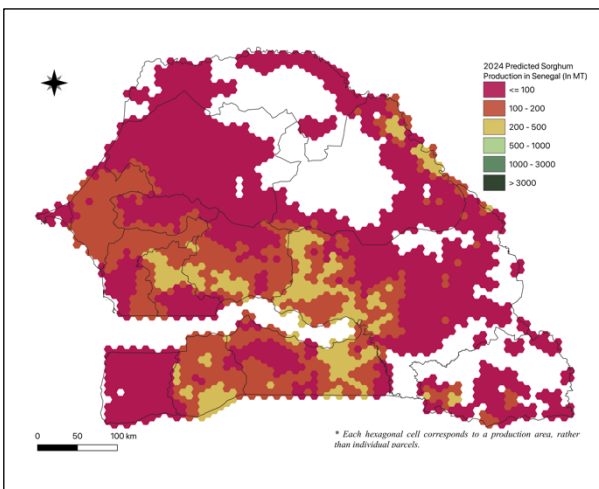
AAGWa Crop Production Forecasts Brief Series Senegal – Sorghum

Aïssatou Ndoye*, Mansour Dia**, and Khadim Dia***

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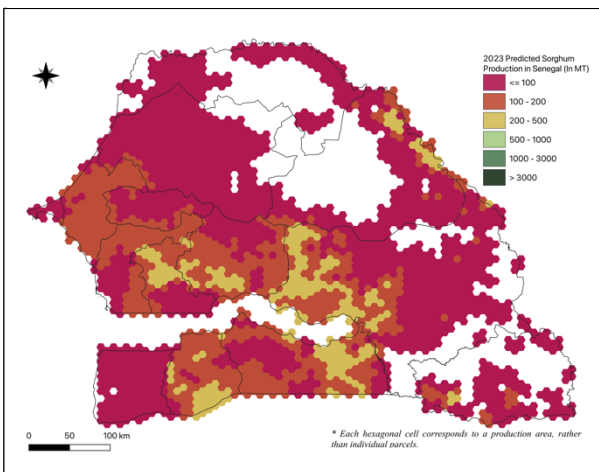
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for ten major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow stakeholders across the value chain to better plan and execute policy and business actions more efficiently.

Figure 1. Senegal 2024 Sorghum Production Forecast.



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

Figure 2. Senegal 2023 Sorghum Production Forecast.



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

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 193, we provide forecasts on sorghum production in Senegal.

In 2024, sorghum production in Senegal is projected to reach 152,881 metric tons (MT), which corresponds to a 6% increase over 2023 production levels. The highest production levels are expected to occur in areas such as Koupentoum (Tambacounda), Tambacounda, Vélingara (Kolda), Goudiry (Tambacounda), and Médina Yoro Foula (Kolda), with levels estimated at 15,374 MT, 14,779 MT, 11,371 MT, 7,253 MT, and 5,857 MT, respectively. In comparison, lower production values are observed in Dakar, Rufisque (Dakar), Oussouye (Ziguinchor), Ziguinchor, Dagana (Saint-Louis), and Podor (Saint-Louis), with levels of, respectively, 65 MT, 78 MT, 209 MT, 359 MT, and 388 MT.

Compared to 2023, the most significant sorghum production increases in 2024 are expected in areas such as Goudiry, Linguère (Louga), Bignona (Ziguinchor), Koupentoum, and Tambacounda, with differences of respectively 923 MT, 688 MT, 587 MT, 583 MT, and 582 MT. These correspond to changes of respectively, 15%,

26%, 75%, 4%, and 4%.

*Associate Scientist, Department of Data Management, Digital Products, and Technology, AKADEMIYA2063

**Associate Scientist, Department of Data Management, Digital Products, and Technology, AKADEMIYA2063

***Senior Associate Scientist, Department of Data Management, Digital Products, and Technology, AKADEMIYA2063



Annex – 2024 Senegal Sorghum Production Forecast at District Level

Regions	Departments	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Dakar	Dakar	65	63	2	3%
Dakar	Rufisque	78	49	29	59%
Diourbel	Bambey	1611	1576	35	2%
Diourbel	Diourbel	1714	1682	33	2%
Diourbel	Mbacké	2947	2891	57	2%
Fatick	Fatick	3800	3721	79	2%
Fatick	Foundiougne	2983	2821	162	6%
Fatick	Gossas	2041	2030	11	1%
Kaffrine	Birkilane	2934	2866	68	2%
Kaffrine	Kaffrine	4804	4694	110	2%
Kaffrine	Koungheul	5742	5591	151	3%
Kaffrine	Malème Hodar	4008	3884	124	3%
Kaolack	Guinguinéo	2523	2491	32	1%
Kaolack	Kaolack	4684	4536	148	3%
Kaolack	Nioro du Rip	1577	1394	183	13%
Kédougou	Kédougou	1768	1449	319	22%
Kédougou	Salémata	1382	1206	177	15%
Kédougou	Saraya	534	363	171	47%
Kolda	Kolda	5016	4727	290	6%
Kolda	Médina Yoro Fouta	5857	5463	394	7%
Kolda	Vélingara	11371	11036	335	3%
Louga	Kébémér	3159	3006	153	5%
Louga	Linguère	3318	2630	688	26%
Louga	Louga	3382	3140	242	8%
Matam	Kanel	4766	4330	436	10%
Matam	Matam	3787	3564	223	6%
Matam	Ranérou Ferlo	1204	1078	126	12%
Saint-Louis	Dagana	388	192	196	102%
Saint-Louis	Podor	399	200	199	100%
Sédhiou	Boukiling	4982	4845	136	3%
Sédhiou	Goudomp	3662	3547	114	3%
Sédhiou	Sédhiou	4715	4538	178	4%
Tambacounda	Bakel	1872	1635	237	14%
Tambacounda	Goudiry	7253	6330	923	15%
Tambacounda	Koupentoum	15374	14791	583	4%
Tambacounda	Tambacounda	14779	14197	582	4%
Thiès	Mbour	2625	2613	12	0%
Thiès	Thiès	2688	2653	34	1%
Thiès	Tivaouane	5148	5118	30	1%
Ziguinchor	Bignona	1373	785	587	75%
Ziguinchor	Oussouye	209	111	98	88%
Ziguinchor	Ziguinchor	359	199	160	80%
Total		152881	144035	8847	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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