



AAGWa Crop Production Forecasts Brief Series

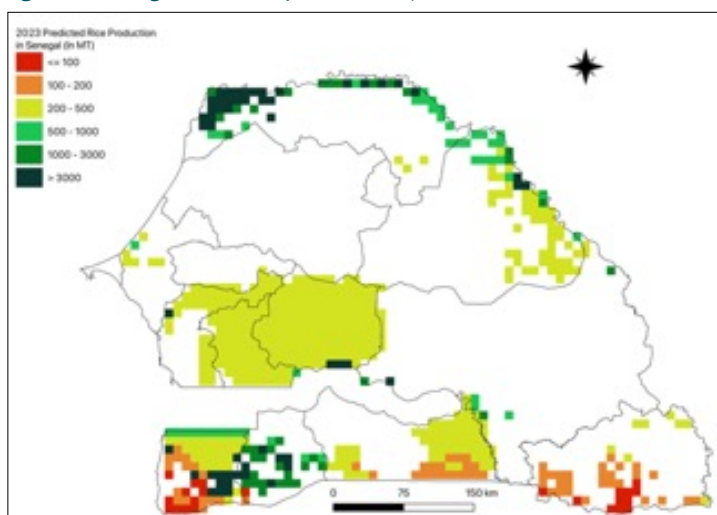
Senegal – Rice

Aissatou 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 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

Figure 1. Senegal 2023 rice production forecast.



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

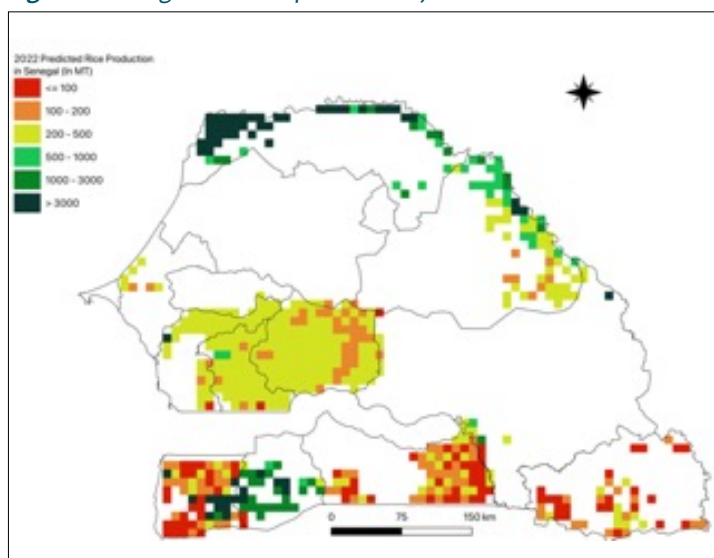
in the briefs are generated through the Africa Crop Production (AfCP) model, an Artificial Intelligence (AI-based) model applied to remotely sensed geo-biophysical data to produce estimates at pixel as well as administrative levels as early as the beginning of every growing season. In Brief 82, we provide forecasts on rice production in Senegal.

In 2023, rice production in Senegal is projected to reach 717,666 metric tons (MT), indicating a 5% increase over 2022 production levels. The northern and southern areas of the country are expected to produce the most significant volumes of rice, particularly in Dagana (Saint-Louis), Bignona (Ziguinchor), Sédhiou, Podor (Saint-Louis), and Kounghoul (Kaffrine) with production levels estimated at 225,377 MT, 100,829 MT, 72,395 MT, 49,795 MT, and 35,550 MT respectively. In contrast, lower production values are observed

in Ranérrou Ferlo (Matam), Médina Yoro Foulà (Kolda), Oussouye (Ziguinchor), and Diourbel, with production values evaluated at, respectively, 465 MT, 492 MT, 740 MT, and 879 MT.

Moreover, the most significant rice production increases in 2023 are expected to occur in Bignona, Kounghoul, Sédhiou, Malème Hodar, and Kanel (Matam), with differences of respectively, 29,453 MT, 23,871 MT, 17,157 MT, 7,262 MT, and 5,818 MT. These correspond to changes of, respectively, 41%, 204%, 31%, 75%, and 38%.

Figure 2. Senegal 2022 rice production forecast.



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

*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 – 2023 Senegal Rice Production Forecast at District level

Regions	Departments	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Diourbel	Diourbel	879	545	334	61%
Diourbel	Mbacké	1357	742	615	83%
Fatick	Fatick	10493	7766	2727	35%
Fatick	Foundiougne	5289	2782	2507	90%
Fatick	Gossas	5825	3725	2100	56%
Kaffrine	Birkilane	6791	4221	2570	61%
Kaffrine	Kaffrine	13124	8992	4131	46%
Kaffrine	Koungheul	35550	11680	23871	204%
Kaffrine	Malème Hodar	16972	9710	7262	75%
Kaolack	Guinguinéo	6347	3723	2624	70%
Kaolack	Kaolack	10442	7937	2506	32%
Kaolack	Nioro du Rip	10491	6305	4186	66%
Kédougou	Kédougou	2881	3507	-626	-18%
Kédougou	Salémata	1549	1115	434	39%
Kédougou	Saraya	2382	799	1582	198%
Kolda	Kolda	2648	1467	1181	81%
Kolda	Médina Yoro Foula	492	387	105	27%
Kolda	Vélingara	13715	7959	5756	72%
Louga	Linguère	918	400	518	130%
Matam	Kanel	20974	15156	5818	38%
Matam	Matam	32354	41003	-8649	-21%
Matam	Ranérou Ferlo	465	153	311	203%
Saint-Louis	Dagana	225377	291879	-66502	-23%
Saint-Louis	Podor	49795	75084	-25290	-34%
Sédhiou	Boukiling	15273	11961	3312	28%
Sédhiou	Goudomp	10924	8270	2654	32%
Sédhiou	Sédhiou	72395	55238	17157	31%
Tambacounda	Bakel	4508	4514	-6	0%
Tambacounda	Koupentoum	4921	1137	3784	333%
Tambacounda	Tambacounda	7975	3163	4812	152%
Thiès	Thiès	2357	1243	1113	90%
Thiès	Tivaouane	1002	963	39	4%
Ziguinchor	Bignona	100829	71377	29453	41%
Ziguinchor	Oussouye	740	153	588	385%
Ziguinchor	Ziguinchor	19632	16711	2921	17%
Total		717666	681766	35900	5%

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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