

# The AAgWa Crop Production Forecasts Brief Series

## Senegal – Millet

Aissatou Ndoye\*, Khadim Dia\*\*, and Racine Ly\*\*\*

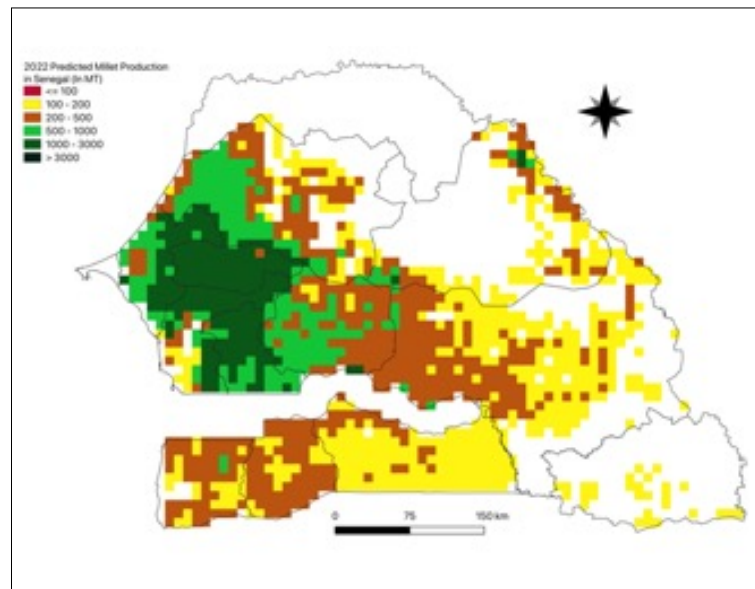
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The Africa Agriculture Watch (AAGWa) Crop Production Forecasts by AKADEMIYA2063 aim to provide more accurate and timely statistics about harvest and yield levels for nine key crops across nearly 50 African countries.

Developed at AKADEMIYA2063, the Africa Crop Production (AfCP) model is an artificial intelligence (AI) based forecasting model applied to remotely sensed geo-biophysical data to produce estimates of expected crop yields and harvests at the beginning of every growing season.

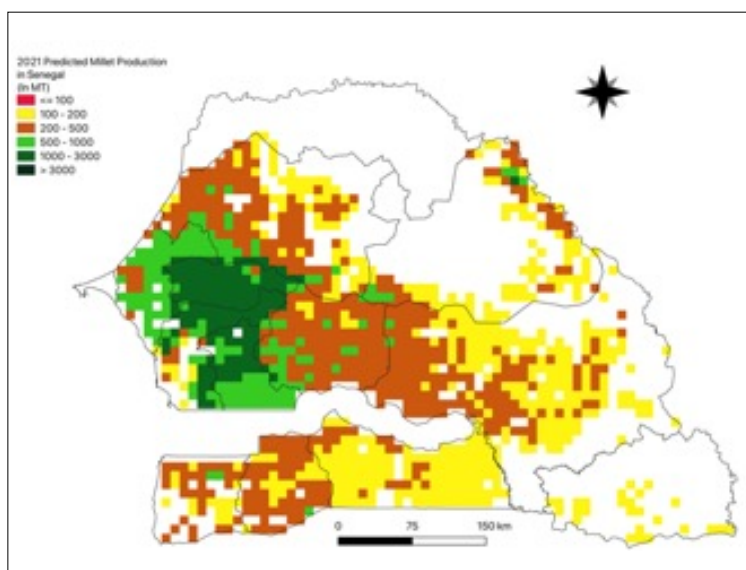
In 2022, millet production in Senegal is projected to reach 637,000 metric tons, equivalent to an increase of 112,078 MT over 2021 production levels. The districts of Mbacké (Diourbel), Tivaouane (Thies), Linguère (Louga), Fatick, and the region of Kaolack will have the highest production levels, evaluated at 42,500MT, 34,500MT,

Figure 1. Senegal 2022 millet production forecast.



Data Source: The Africa Agriculture Watch ([www.aagwa.org](http://www.aagwa.org)).

Figure 2. Senegal 2021 millet production forecast.



Data Source: The Africa Agriculture Watch ([www.aagwa.org](http://www.aagwa.org)).

31,300 MT, 31,100 MT, and 28,600 MT, respectively. In contrast, the lowest millet production values are expected in the southern areas such as Dagana (Saint-Louis), Saraya (Kédougou), Salémata (Kédougou), and Oussouye (Ziguinchor), with respectively 329, 654, 938 and 1,969 metric tons.

However, the most significant variations in millet production levels are observed in Louga, Fatick, Tivaouane, and Mbacke with deviations of more than 7,000 MT from 2021 evaluated at 8,149, 8,039, 7,675, and 7,252 metric tons respectively.

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

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

\*\*\*Director, Department of Data Management, Digital Products, and Technology, AKADEMIYA2063

<sup>1</sup> Change (%), the percentage of change, is calculated following this formula:  $(2022-2021)/2021$ .



## Annex – 2022 Senegal Millet Production Forecast at District level

Regions	Departments	2022 Prod (MT)	2021 Prod (MT)	Difference	Change (%)
Diourbel	Bambey	20947	17231	3716	22%
Diourbel	Diourbel	24789	20342	4447	22%
Diourbel	Mbacké	42513	35261	7253	21%
Fatick	Fatick	31126	23086	8039	35%
Fatick	Foundiougne	23056	18149	4907	27%
Fatick	Gossas	21770	17905	3865	22%
Kaffrine	Birkilane	11540	10285	1256	12%
Kaffrine	Kaffrine	15696	14038	1658	12%
Kaffrine	Koungheul	23287	18390	4897	27%
Kaffrine	Malème Hodar	17679	15545	2135	14%
Kaolack	Guinguinéo	19948	15439	4509	29%
Kaolack	Kaolack	28645	23160	5484	24%
Kaolack	Nioro du Rip	21177	18972	2205	12%
Kédougou	Kédougou	2097	2107	-10	0%
Kédougou	Salémata	938	1084	-146	-13%
Kédougou	Saraya	654	749	-95	-13%
Kolda	Kolda	6911	6038	873	14%
Kolda	Médina Yoro Foula	11403	10012	1391	14%
Kolda	Vélingara	9322	9354	-32	0%
Louga	Kébémér	27427	21911	5516	25%
Louga	Linguère	31294	28245	3049	11%
Louga	Louga	27357	19208	8149	42%
Matam	Kanel	10262	8586	1676	20%
Matam	Matam	10114	8844	1271	14%
Matam	Ranérou Ferlo	9489	8852	637	7%
Saint-Louis	Dagana	329	295	34	12%
Sédhiou	Boukiling	8565	7994	571	7%
Sédhiou	Goudomp	6096	4836	1260	26%
Sédhiou	Sédhiou	7369	7066	303	4%
Tambacounda	Bakel	5102	2401	2701	113%
Tambacounda	Goudiry	21254	21976	-722	-3%
Tambacounda	Koupentoum	24242	21977	2265	10%
Tambacounda	Tambacounda	24955	20566	4389	21%
Thiès	Mbour	17151	11743	5408	46%
Thiès	Thiès	15880	12606	3274	26%
Thiès	Tivaouane	34521	26846	7675	29%
Ziguinchor	Bignona	16364	11267	5098	45%
Ziguinchor	Oussouye	1969	703	1266	180%
Ziguinchor	Ziguinchor	3827	1919	1908	99%
Total		637067	524988	112078	21%

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