Africa Agriculture Watch
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AAgWa Crop Production
## Forecasts Brief Series — Mauritania – Sorghum

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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 68, we provide forecasts on sorghum production in Mauritania.

In 2023, sorghum production in Mauritania is projected to reach 69,466 metric tons (MT), which indicate a 3% increase over 2022 production levels. The highest sorghum producers are expected to be Sélibaby (Guidimaka), Timbédra (Hodh ech Chargui), Amourj (Hodh ech Chargui), Djiguenni (Hodh ech Chargui), and Kaédi (Gorgol), with levels estimated at 11,244 MT, 8,815 MT, 7,673 MT, 6,384 MT, and 5,445 MT, respectively. In comparison, lower production values are observed in Aleg (Brakna), Barkéol (Assaba), Tamchakett (Hodh el Gharbi), Moudjéria (Tagant), and Aoujeft (Adrar),

Figure 1. *Mauritania 2023 sorghum production forecast.*
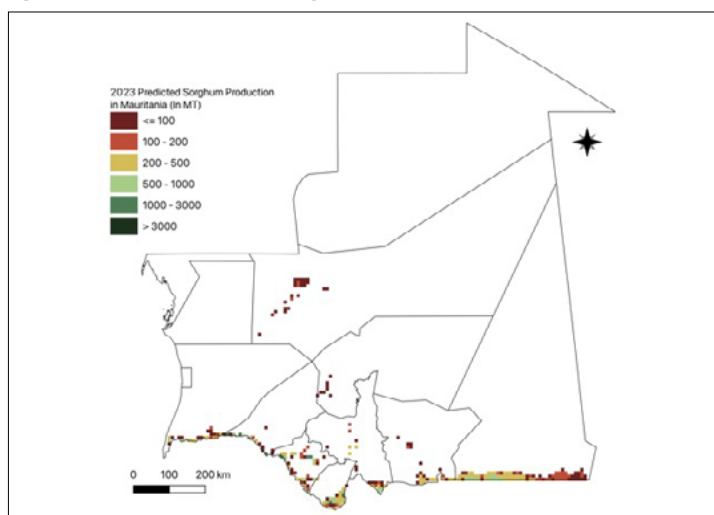
Data Source: Africa Agriculture Watch (www.aagwa.org).

Figure 2. *Mauritania 2022 sorghum production forecast.*
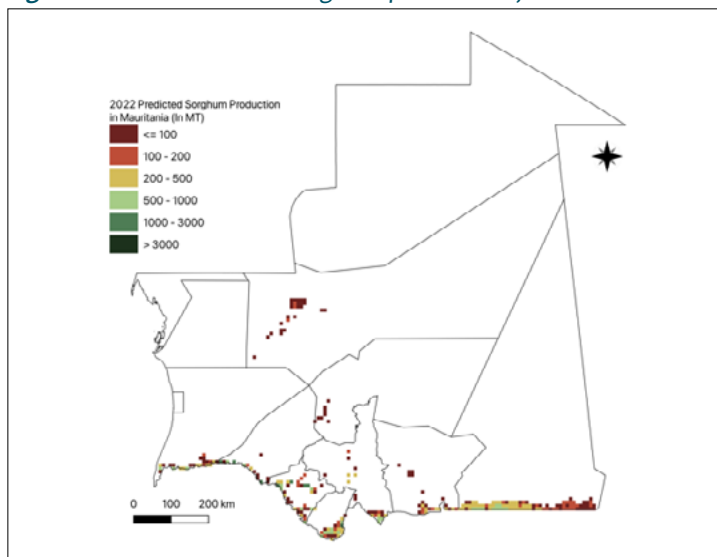
Data Source: Africa Agriculture Watch (www.aagwa.org).

with production of, respectively, 19 MT, 22 MT, 79 MT, 120 MT, and 128 MT.

Moreover, significant sorghum production increases in 2023 compared to 2022 are expected in areas such as Sélibaby, Kobenni (Hodh el Gharbi), Djiguenni, Kankossa (Assaba), and Maghama (Gorgol) with differences of respectively 1,289 MT, 706 MT, 565 MT, 314 MT, and 155 MT, corresponding to changes of respectively, 13%, 27%, 10%, 9%, and 5%.

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Annex – 2023 Mauritania Sorghum Production Forecast at District level

Regions	Departments	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Adrar	Aoujeft	128	175	-47	-27%
Adrar	Atar	544	681	-137	-20%
Adrar	Chinguetti	0	17	-17	-100%
Assaba	Barkéol	22	28	-6	-20%
Assaba	Guérou	148	121	27	22%
Assaba	Kankossa	3831	3517	314	9%
Assaba	Kiffa	691	597	94	16%
Brakna	Aleg	19	29	-11	-37%
Brakna	Bababé	512	509	3	1%
Brakna	Boghé	4189	4473	-285	-6%
Brakna	M'Bagne	1325	1471	-146	-10%
Gorgol	Kaédi	5445	5432	13	0%
Gorgol	M'Bout	4219	4216	3	0%
Gorgol	Maghama	3155	3000	155	5%
Guidimaka	Ould Yengé	331	318	13	4%
Guidimaka	Sélibaby	11244	9955	1289	13%
Hodh ech Chargui	Amourj	7673	7549	124	2%
Hodh ech Chargui	Bassikounou	1467	1489	-22	-1%
Hodh ech Chargui	Djiguenni	6384	5820	565	10%
Hodh ech Chargui	Timbédra	8815	8996	-181	-2%
Hodh el Gharbi	Kobenni	3303	2597	706	27%
Hodh el Gharbi	Tamchakett	79	83	-4	-5%
Hodh el Gharbi	Tintane	565	476	90	19%
Tagant	Moudjéria	120	181	-61	-34%
Trarza	Keur-Macène	2007	2122	-115	-5%
Trarza	R'Kiz	2213	2321	-107	-5%
Trarza	Rosso	1037	1045	-8	-1%
Total		69466	67217	2249	3%

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.*