

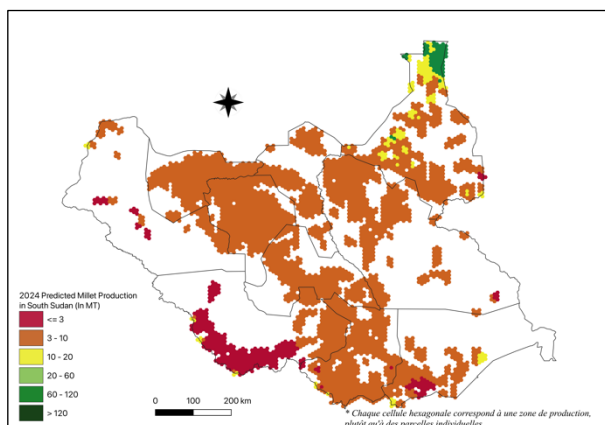
AAgWa Crop Production Forecasts Brief Series South Sudan – Millet

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No. 160, June 2024

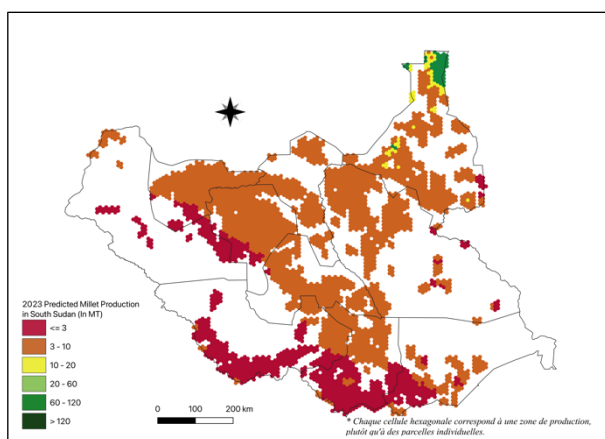
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAgWa) aims to provide more accurate and timely data on harvest and yields for ten major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow stakeholders across the value chain to better plan and execute policy and business actions more efficiently. 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 160, we provide forecasts on millet production in South Sudan.

Figure 1. South Sudan 2024 Millet Production Forecast.



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

Figure 2. South Sudan 2023 Millet Production Forecast.



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

differences of respectively, 275 MT, 270 MT, 254 MT, 229 MT, and 188 MT, respectively. These correspond to changes of 65%, 19%, 80%, 75%, and 58%.

In 2024, millet production in South Sudan is projected to reach 13,114 metric tons (MT), corresponding to a 53% increase over 2023 production levels. The highest millet producers are expected in districts such as Al Renk (Upper Nile), Warab (Warap), Aweil (North Bahr-al-Ghazal), Gogrial (Warap), and Mundri (West Equatoria), with production levels estimated at 1,669 MT, 701 MT, 573 MT, 535 MT, and 516 MT, respectively. In comparison, lower production values are observed in Faring (Unity), Al Mabien (Upper Nile), Kajo Kaii (Central Equatoria), Nahr Atiem (Jungoli), and Yambio (West Equatoria), with production of, respectively, 36 MT, 75 MT, 75 MT, 81 MT, and 89 MT.

Moreover, the most significant millet production increases in 2024 are expected to occur in the northern areas such as in Warab, Al Renk (Upper Nile), Aweil, Gogrial, Ayod (Jungoli), and Tonj (Warap), with

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Annex – 2024 South Sudan Millet Production Forecast at District Level

States	Counties	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Central Equatoria	Bahr al Jabal	404	242	161	66%
Central Equatoria	Kajo Kaii	75	42	33	78%
Central Equatoria	Nahr Yei	390	218	172	79%
Central Equatoria	Terkaka	413	246	167	68%
Eastern Equatoria	Amatonge	222	156	67	43%
Eastern Equatoria	Kapoeta	95	44	50	113%
Eastern Equatoria	Magwi	154	88	65	74%
Eastern Equatoria	Shokodom	125	70	55	79%
Jungoli	Akobo	264	162	102	63%
Jungoli	Ayod	509	322	188	58%
Jungoli	Bor	149	84	65	77%
Jungoli	Fam al Zaraf	388	255	133	52%
Jungoli	Nahr Atiem	81	51	30	59%
Jungoli	Pibor	100	61	38	62%
Jungoli	Wat	322	207	115	55%
Lakes	Aliab	142	81	61	75%
Lakes	Rumbek	342	214	128	60%
Lakes	Shobet	233	139	93	67%
Lakes	Yerol	285	177	108	61%
North Bahr-al-Ghazal	Aryat	127	75	51	68%
North Bahr-al-Ghazal	Aweil	573	319	254	80%
North Bahr-al-Ghazal	Nahr Lol	252	144	107	74%
North Bahr-al-Ghazal	Wanjuk	355	217	138	64%
Unity	Al Leiri	244	154	90	58%
Unity	Al Mayom	128	79	49	62%
Unity	Faring	36	25	10	39%
Unity	Rabkona	236	161	75	47%
Upper Nile	Al Mabien	75	48	27	56%
Upper Nile	Al Renk	1669	1399	270	19%
Upper Nile	Baleit	449	282	167	59%
Upper Nile	Fashooda	271	208	62	30%
Upper Nile	Malut	268	157	111	71%
Upper Nile	Mayot	169	120	48	40%
Upper Nile	Sobat	401	266	135	51%
Upper Nile	Tonga	290	213	76	36%
Warap	Gogrial	535	306	229	75%
Warap	Malek	116	67	49	73%
Warap	Tonj	453	271	182	67%
Warap	Warab	701	426	275	65%
West Bahr-al-Ghazal	Raja	128	73	55	75%
West Bahr-al-Ghazal	Wau	148	82	66	81%
West Equatoria	Meridi	90	77	13	17%
West Equatoria	Mundri	516	337	179	53%
West Equatoria	Tombura	102	100	2	2%
West Equatoria	Yambio	89	99	-10	-10%



Total	13114	8564	4541	53%
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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.

Suggested Citation: Ndoye, A., M. Dia, and K. Dia. 2024. AAgWa Crop Production Forecasts Brief Series: South Sudan – Millet. AAgWa Crop Production Forecasts Brief Series, No. 160. Kigali: AKADEMIYA2063.

<https://doi.org/10.54067/acpf.160>