



AAgWa Crop Production Forecasts Brief Series South Sudan - Millet

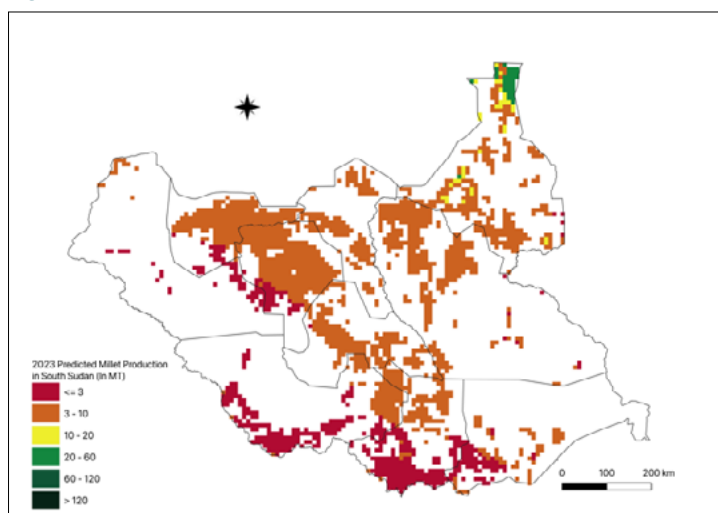
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The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability, 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

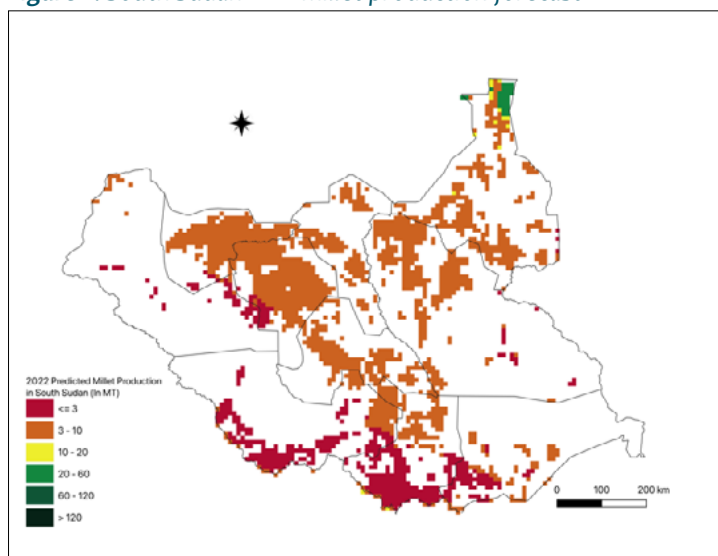
Intelligence (AI-based) model applied to remotely sensed geo- biophysical data to produce estimates at pixel as well as administrative levels as early as the beginning of every growing season. In Brief 83, we provide forecasts on millet production in South Sudan.

Figure 1. South Sudan 2023 millet production forecast.



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

Figure 2. South Sudan 2022 millet production forecast.



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

In 2023, millet production in South Sudan is projected to reach 8,564 metric tons (MT), corresponding to a 7% increase in volume of production over the previous year. The highest production levels are expected to occur in counties such as Al Renk (Upper Nile), Warab (Warap), Mundri (West Equatoria), Ayod (Jungoli), and Aweil (North Bahr-al-Ghazal) with production estimated at, 1,399 MT, 426 MT, 337 MT, 322 MT, and 319 MT, respectively. In contrast, the production is projected to be lower in Faring (Unity), Kajo Kaji (Central Equatoria), Kapoeta (Eastern Equatoria), and Al Mabien (Upper Nile), with production of, respectively, 25 MT, 42 MT, 44 MT, and 48 MT.

Moreover, the most significant millet production increases in 2023 are expected in the Upper Nile states such as in Al Renk, Tonga, Fashooda, and Baleit, with differences of 294 MT, 60 MT, 55 MT, and 51 MT, respectively. They similarly correspond to changes of, respectively, 27%, 39%, 36%, and 22%.

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Annex – 2023 South Sudan Millet Production Forecast at District level

States	Counties	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Central Equatoria	Bahr al Jabal	242	248	-6	-2%
Central Equatoria	Kajo Kaii	42	48	-6	-12%
Central Equatoria	Nahr Yei	218	227	-9	-4%
Central Equatoria	Terkaka	246	234	12	5%
Eastern Equatoria	Amatonge	156	151	5	3%
Eastern Equatoria	Kapoeta	44	48	-3	-7%
Eastern Equatoria	Magwi	88	105	-16	-16%
Eastern Equatoria	Shokodom	70	70	-1	-1%
Jungoli	Akobo	162	154	8	5%
Jungoli	Ayod	322	309	13	4%
Jungoli	Bor	84	78	6	7%
Jungoli	Fam al Zaraf	255	241	14	6%
Jungoli	Nahr Atiem	51	50	1	3%
Jungoli	Pibor	61	60	1	2%
Jungoli	Wat	207	195	12	6%
Lakes	Aliab	81	77	4	5%
Lakes	Rumbek	214	207	7	3%
Lakes	Shobet	139	136	3	2%
Lakes	Yerol	177	170	7	4%
North Bahr-al-Ghazal	Aryat	75	75	1	1%
North Bahr-al-Ghazal	Aweil	319	337	-18	-5%
North Bahr-al-Ghazal	Nahr Lol	144	138	6	4%
North Bahr-al-Ghazal	Wanjuk	217	209	8	4%
Unity	Al Leiri	154	153	1	1%
Unity	Al Mayom	79	80	-1	-1%
Unity	Faring	25	24	2	6%
Unity	Rabkona	161	154	7	5%
Upper Nile	Al Mabien	48	44	4	9%
Upper Nile	Al Renk	1399	1105	294	27%
Upper Nile	Baleit	282	231	51	22%
Upper Nile	Fashooda	208	153	55	36%
Upper Nile	Malut	157	143	14	10%
Upper Nile	Mayot	120	104	16	16%
Upper Nile	Sobat	266	232	34	15%
Upper Nile	Tonga	213	154	60	39%
Warap	Gogrial	306	310	-4	-1%
Warap	Malek	67	67	0	0%
Warap	Tonj	271	280	-9	-3%
Warap	Warab	426	442	-16	-4%



West Bahr-al-Ghazal	Raja	73	80	-7	-8%
West Bahr-al-Ghazal	Wau	82	95	-14	-14%
West Equatoria	Meridi	77	79	-2	-3%
West Equatoria	Mundri	337	319	17	5%
West Equatoria	Tombura	100	114	-14	-13%
West Equatoria	Yambio	99	94	5	5%
Total		8564	8022	542	7%

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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