Africa Agriculture Watch
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AAgWa Crop Production Forecasts Brief Series

Democratic Republic of the Congo – Sorghum

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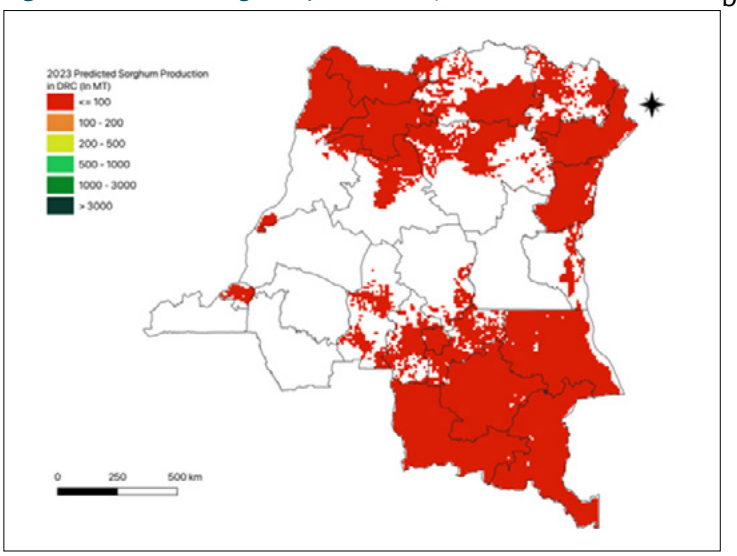
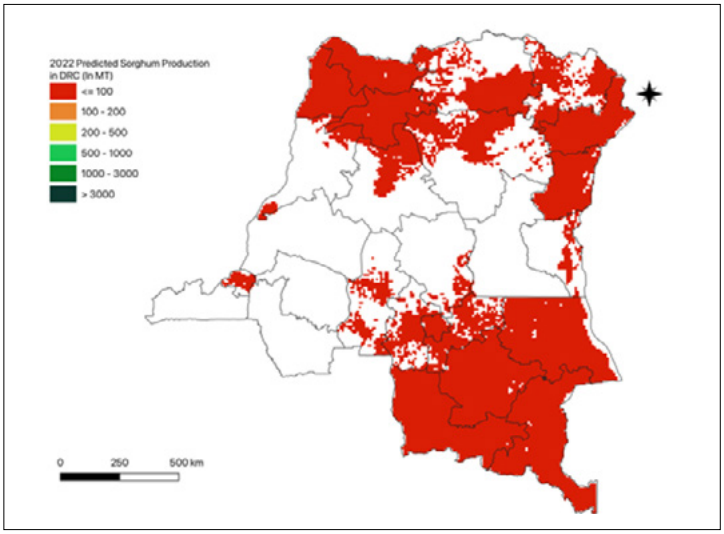
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAgWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow 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 56, we provide forecasts on Sorghum production in the Democratic Republic of the Congo (DRC).

Figure 1. *DRC 2023 sorghum production forecast*



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

Figure 2. *DRC 2022 sorghum production forecast.*



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

In 2023, sorghum production in DRC is projected to reach 6,202 metric tons (MT), which corresponds to a 28% increase over 2022 production levels. The Southeastern districts are expected to produce the most significant volumes of sorghum production, particularly in Kamina (Haut-Lomami), Manono (Tanganyika), Sakania (Haut-Katanga), and Moba (Tanganyika) with production values estimated at 224 MT, 221 MT, 203 MT, and 179 MT respectively. In contrast, lower production values are observed in the Northern and central districts such as in Nyiragongo (Nord-Kivu), Gbadolite (Nord-Ubangi), Butembo (Nord-Kivu), and Kananga (Kasaï-Central) with respectively 7 MT, 8 MT, 8 MT, and 10 MT.

Compared to 2022, the most significant sorghum production increases in 2023 are expected to occur in the Southern districts, particularly in Kamina, Manono, Sandoa (Lualaba), Mitwaba (Haut-Katanga), and Kasenga (Haut-Katanga) with differences of respectively, 156 MT, 122 MT, 108 MT, 103 MT, and 103 MT, respectively. They similarly correspond to changes of respectively 231 %, 124 %, 204 %, 269%, and 158%.

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Annex – 2023 Chad Sorghum Production Forecast at District level

Provinces	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Bas-Uele	Aketi	13	26	-13	-50%
Bas-Uele	Aketi (ville)	1	1	0	-22%
Bas-Uele	Ango	0	1	0	-71%
Bas-Uele	Bambesa	6	17	-11	-64%
Bas-Uele	Bondo	16	30	-14	-47%
Bas-Uele	Buta	14	34	-20	-59%
Bas-Uele	Poko	20	43	-23	-54%
Équateur	Basankusu	12	23	-11	-46%
Équateur	Basankusu (ville)	1	1	0	-26%
Équateur	Bolomba	1	2	-1	-46%
Équateur	Bomongo	3	5	-2	-43%
Équateur	Lukolela	17	10	7	69%
Équateur	Makanza	3	5	-2	-41%
Haut-Katanga	Kambove	165	72	92	127%
Haut-Katanga	Kasenga	167	65	103	158%
Haut-Katanga	Kipushi	76	41	35	87%
Haut-Katanga	Likasi	6	5	1	20%
Haut-Katanga	Lubumbashi	14	12	3	23%
Haut-Katanga	Mitwaba	141	38	103	269%
Haut-Katanga	Pweto	178	81	97	119%
Haut-Katanga	Sakania	203	109	93	85%
Haut-Lomami	Bukama	159	88	71	81%
Haut-Lomami	Kabongo	149	95	54	56%
Haut-Lomami	Kamina	224	68	156	231%
Haut-Lomami	Kamina (ville)	1	1	0	28%
Haut-Lomami	Kaniama	74	37	37	100%
Haut-Lomami	Malemba-Nkulu	142	96	46	48%
Haut-Uele	Aba	1	2	0	-14%
Haut-Uele	Dungu	11	20	-9	-44%
Haut-Uele	Dungu (ville)	0	0	0	-72%
Haut-Uele	Faradje	45	61	-17	-27%
Haut-Uele	Niangara	11	14	-3	-21%
Haut-Uele	Rungu	2	2	-1	-29%
Haut-Uele	Wamba	24	36	-12	-32%
Haut-Uele	Wamba (ville)	0	0	0	-27%

Provinces	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Haut-Uele	Watsa	54	63	-9	-14%
Haut-Uele	Watsa (ville)	2	2	0	-7%
Ituri	Aru	90	106	-16	-15%
Ituri	Aru (ville)	1	2	0	-14%
Ituri	Bunia	2	2	0	-20%
Ituri	Djugu	159	190	-31	-17%
Ituri	Irumu	40	53	-13	-25%
Ituri	Mahagi	124	144	-20	-14%
Ituri	Mahagi (ville)	5	5	-1	-12%
Ituri	Mambasa	26	68	-42	-62%
Kasaï	Dekese	1	1	1	120%
Kasaï	Ilebo	23	13	10	79%
Kasaï	Ilebo (ville)	0	0	0	127%
Kasaï	Kamonia	73	50	23	47%
Kasaï	Luebo	2	1	1	47%
Kasaï	Mweka	43	26	17	64%
Kasaï	Tshikapa	1	1	0	9%
Kasaï-Central	Demba	19	14	5	36%
Kasaï-Central	Dibaya	55	44	11	25%
Kasaï-Central	Dimbelenge	22	15	8	52%
Kasaï-Central	Kananga	10	8	1	14%
Kasaï-Central	Kazumba	54	37	17	45%
Kasaï-Central	Luiza	39	24	14	60%
Kasaï-Oriental	Kabeya-Kamwanga	22	18	3	17%
Kasaï-Oriental	Katanda	18	16	2	12%
Kasaï-Oriental	Lukalaba	1	1	0	4%
Kasaï-Oriental	Lupatapata	19	15	4	24%
Kasaï-Oriental	Mbuji-Mayi	2	2	0	11%
Kasaï-Oriental	Miabi	18	15	2	15%
Kasaï-Oriental	Tshilenge	25	23	2	7%
Kasaï-Oriental	Tshilenge (ville)	2	2	0	0%
Kinshasa	Kinshasa	63	47	16	35%
Kwango	Kenge	2	1	1	40%
Kwilu	Bagata	1	0	0	57%
Lomami	Kabinda	62	40	22	55%

Provinces	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Lomami	Kabinda (ville)	1	1	0	25%
Lomami	Kamiji	10	8	2	30%
Lomami	Lubao	78	47	31	67%
Lomami	Luilu	71	55	16	28%
Lomami	Mwene-Ditu	2	2	0	14%
Lomami	Ngandajika	76	70	6	8%
Lomami	Ngandajika (ville)	2	2	0	0%
Lualaba	Dilolo	174	78	96	123%
Lualaba	Kapanga	117	47	70	150%
Lualaba	Kolwezi	1	1	0	29%
Lualaba	Lubudi	111	33	78	234%
Lualaba	Mutshatsha	150	54	96	178%
Lualaba	Sandoa	161	53	108	204%
Mai-Ndombe	Inongo	1	0	0	107%
Maniema	Kibombo	4	3	1	46%
Maniema	Lubutu	0	0	0	-84%
Mongala	Bongandanga	48	75	-27	-36%
Mongala	Bumba	94	119	-25	-21%
Mongala	Bumba (ville)	1	1	0	-19%
Mongala	Lisala	64	82	-18	-22%
Nord-Kivu	Beni	6	7	-1	-9%
Nord-Kivu	Butembo	8	9	-1	-16%
Nord-Kivu	Lubero	148	183	-35	-19%
Nord-Kivu	Masisi	102	116	-13	-12%
Nord-Kivu	Nyiragongo	7	7	0	-3%
Nord-Kivu	Oicha	55	67	-12	-18%
Nord-Kivu	Rutshuru	115	133	-18	-14%
Nord-Kivu	Walikale	24	46	-22	-47%
Nord-Ubangi	Bosobolo	48	50	-2	-3%
Nord-Ubangi	Businga	58	62	-4	-7%
Nord-Ubangi	Gbadolite	8	5	2	48%
Nord-Ubangi	Mobayi-Mbongo	18	6	12	189%
Nord-Ubangi	Yakoma	39	54	-15	-28%
Sankuru	Katako-Kombe	13	8	4	53%
Sankuru	Lubefu	50	42	7	17%
Sankuru	Lusambo	13	9	4	42%
Sud-Kivu	Bukavu	3	3	0	-7%
Sud-Kivu	Fizi	29	20	8	40%
Sud-Kivu	Idjwi	16	16	-1	-4%
Sud-Kivu	Kabare	26	27	-1	-5%

Provinces	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Sud-Kivu	Kalehe	49	53	-4	-7%
Sud-Kivu	Mwenga	29	25	4	15%
Sud-Kivu	Uvira	22	21	1	4%
Sud-Kivu	Uvira (ville)	2	2	0	1%
Sud-Kivu	Walungu	29	30	-2	-5%
Sud-Ubangi	Budjala	68	85	-17	-20%
Sud-Ubangi	Gemena	96	114	-18	-16%
Sud-Ubangi	Kungu	57	74	-16	-22%
Sud-Ubangi	Libenge	34	41	-6	-16%
Sud-Ubangi	Zongo	2	3	0	-11%
Tanganyika	Kabalo	74	31	43	140%
Tanganyika	Kalemie	133	56	78	139%
Tanganyika	Kalemie (ville)	2	2	1	33%
Tanganyika	Kongolo	87	59	28	47%
Tanganyika	Kongolo (ville)	1	1	0	15%
Tanganyika	Manono	221	99	122	124%
Tanganyika	Manono (ville)	3	2	1	38%
Tanganyika	Moba	179	80	99	123%
Tanganyika	Nyunzu	77	33	44	133%
Tshopo	Bafwasende	4	12	-8	-70%
Tshopo	Banalia	13	42	-29	-70%
Tshopo	Basoko	14	34	-19	-57%
Tshopo	Isangi	12	19	-7	-38%
Tshopo	Kisangani	14	18	-4	-24%
Tshopo	Opala	3	5	-2	-37%
Tshopo	Ubundu	4	8	-4	-49%
Tshopo	Yahuma	7	19	-12	-65%
Tshuapa	Befale	7	17	-10	-61%
Tshuapa	Boende	7	14	-8	-54%
Tshuapa	Bokungu	3	10	-6	-64%
Tshuapa	Djolu	17	33	-16	-48%
Tshuapa	Ikela	0	1	-1	-66%
Total		**6202**	**4839**	**1364**	**28%**

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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