

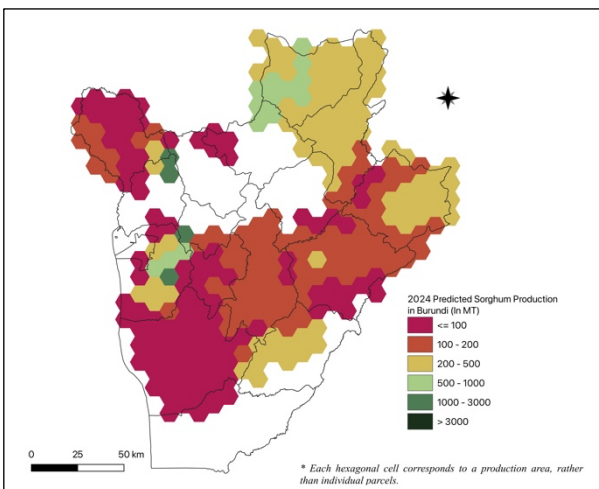
AAGWa Crop Production Forecasts Brief Series Burundi – Sorghum

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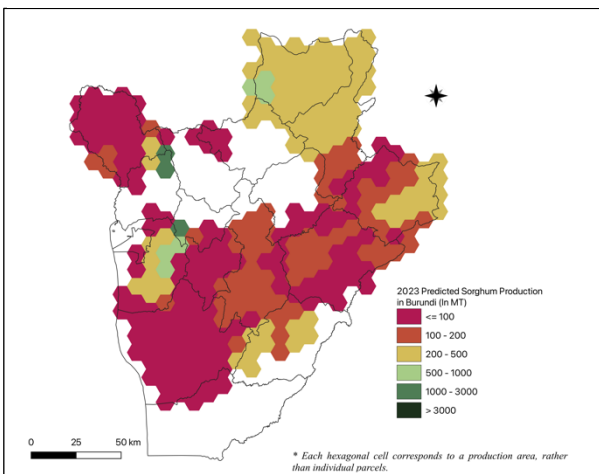
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for ten major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow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

Figure 1. Burundi 2024 Sorghum production forecast.



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

Figure 2. Burundi 2023 Sorghum production forecast.



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

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 142, we provide forecasts on sorghum production in Burundi.

In 2024, sorghum production in Burundi is projected to reach 37,908 metric tons (MT), corresponding to a 22% increase over 2023 production levels. The most significant sorghum production levels are expected in the Northern communes such as Ntega (Kirundo), Busoni (Kirundo), Butihinda (Muyinga), Muramvya, and Bukinanyana (Cibitoke), with production levels estimated at 1,957 MT, 1,850 MT, 1,738 MT, 1,652 MT, and 1,476 MT, respectively. In contrast, lower production values are observed in Kabarore (Kayanza), Kanyosha (Bujumbura Rural), Lake Tanganyika (Bujumbura Rural), Mubimbi (Bujumbura Rural), and Mugongomanga (Bujumbura Rural), with production of, respectively, 39 MT, 41 MT, 43 MT, 45 MT, and 47 MT.

Moreover, the highest sorghum production increases in 2024 are expected to occur in areas such as Busoni, Butihinda, Ntega, Mishiha (Cankuzo), and Kigamba (Cankuzo), with differences of respectively 425 MT, 399 MT, 343 MT, 300 MT, and 285 MT. These correspond to

changes of, respectively, 30%, 30%, 21%, 31%, and 57%.

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Annex – 2024 Burundi Sorghum Production Forecast at District Level

Provinces	Communes	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Bujumbura Rural	Bugarama	189	175	14	8%
Bujumbura Rural	Isale	127	108	19	18%
Bujumbura Rural	Kabezi	47	44	2	5%
Bujumbura Rural	Kanyosha1	41	40	1	2%
Bujumbura Rural	Lake Tanganyika	43	39	3	8%
Bujumbura Rural	Mubimbi	45	44	1	2%
Bujumbura Rural	Mugongomanga	47	52	-5	-10%
Bujumbura Rural	Muhuta	330	274	56	20%
Bujumbura Rural	Mukike	517	450	67	15%
Bujumbura Rural	Mutambu	1302	1163	139	12%
Bujumbura Rural	Nyabiraba	1293	1155	138	12%
Bururi	Burambi	150	138	12	9%
Bururi	Bururi	267	258	8	3%
Bururi	Buyengero	95	90	5	6%
Bururi	Matana	73	64	10	16%
Bururi	Mugamba	185	194	-9	-5%
Bururi	Rumonge	166	144	22	15%
Bururi	Rutovu	113	106	7	7%
Bururi	Songa	133	122	11	9%
Bururi	Vyanda	218	202	16	8%
Cankuzo	Cankuzo	919	740	179	24%
Cankuzo	Cendajuru	430	341	89	26%
Cankuzo	Gisagara	1177	924	253	27%
Cankuzo	Kigamba	789	504	285	57%
Cankuzo	Mishiha	1262	962	300	31%
Cibitoke	Buganda	179	151	28	19%
Cibitoke	Bukinanyana	1476	1321	155	12%
Cibitoke	Mabayi	259	245	14	6%
Cibitoke	Mugina	173	147	26	18%
Cibitoke	Murwi	112	102	11	11%
Cibitoke	Rugombo	246	175	72	41%
Gitega	Bugendana	135	113	22	19%
Gitega	Bukirasazi	157	129	28	22%
Gitega	Buraza	135	120	16	13%
Gitega	Giheta	301	245	56	23%
Gitega	Gishubi	323	269	54	20%
Gitega	Gitega	324	266	58	22%
Gitega	Itaba	387	315	72	23%
Gitega	Makebuko	297	244	53	22%
Gitega	Nyanrusange	312	255	56	22%
Gitega	Ryansoro	332	281	51	18%
Karuzi	Mutumba	83	70	13	19%
Kayanza	Kabarore	39	47	-8	-17%
Kirundo	Bugabira	1323	1039	283	27%
Kirundo	Busoni	1850	1426	425	30%
Kirundo	Bwambarangwe	970	760	210	28%
Kirundo	Gitobe	757	592	164	28%
Kirundo	Kirundo	1048	840	208	25%
Kirundo	Ntega	1957	1614	343	21%



Kirundo	Vumbi	1240	984	257	26%
Muramvya	Muramvya	1652	1501	150	10%
Muramvya	Rutegama	107	88	18	20%
Muyinga	Buhinyuza	591	454	137	30%
Muyinga	Butihinda	1738	1339	399	30%
Muyinga	Gasorwe	853	674	179	27%
Muyinga	Giteranyi	1130	870	261	30%
Muyinga	Muyinga	722	557	165	30%
Muyinga	Mwakiro	238	192	46	24%
Mwaro	Bisoro	186	159	27	17%
Mwaro	Gisozi	155	151	5	3%
Mwaro	Kayokwe	174	156	18	12%
Mwaro	Ndava	193	157	36	23%
Mwaro	Nyabihanga	108	87	21	24%
Mwaro	Rusaka	95	91	4	4%
Ngozi	Busiga	78	71	7	10%
Ngozi	Marangara	595	493	102	21%
Rutana	Gitanga	472	396	76	19%
Rutana	Mpinga-Kayove	640	524	116	22%
Rutana	Musongati	436	361	75	21%
Rutana	Rutana	539	452	87	19%
Ruyigi	Butaganzwa2	570	465	105	23%
Ruyigi	Butezi	357	301	56	19%
Ruyigi	Bweru	431	353	78	22%
Ruyigi	Gisuru	800	645	156	24%
Ruyigi	Kinyinya	82	69	13	19%
Ruyigi	Nyabitsinda	104	86	18	21%
Ruyigi	Ruyigi	489	412	77	19%
Total		37908	31187	6722	22%

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.

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