

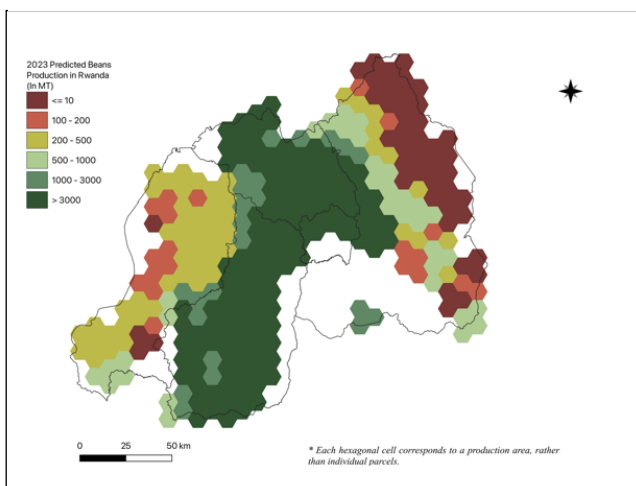
AAGWa Crop Production Forecasts Brief Series Rwanda – Beans

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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

Figure 1. Rwanda 2023 Beans production forecast.



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

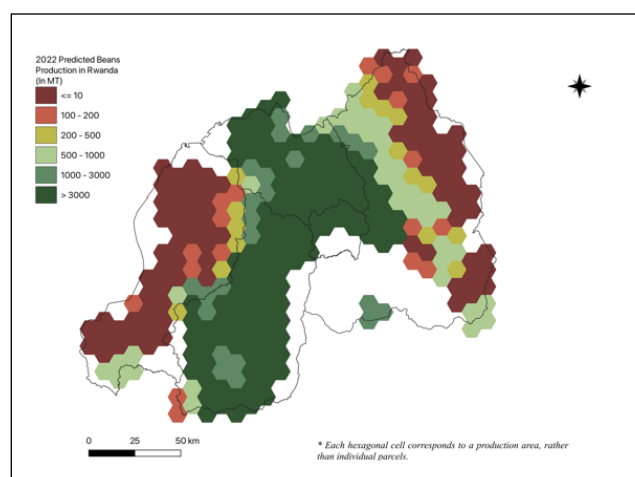
most significant beans production levels are expected in the Northern and Southern districts, particularly in Gicumbi (Amajyaruguru), Kamonyi (Amajyepfo), Ruhango (Amajyepfo), Nyamagabe (Amajyepfo), and Huye (Amajyepfo), with production volumes estimated at 56,527 MT, 36,042 MT, 34,369 MT, 33,228 MT, and 30,262 MT, respectively. In comparison, lower production values are observed in the Western and Eastern part such as in Ngoma (Iburasirazuba), Rubavu (Iburengerazuba), Nyabihu (Iburengerazuba), and Kirehe (Iburasirazuba), with production of, 176 MT, 262 MT, 445 MT, and 812 MT, respectively.

Moreover, the Northern and Southern districts are expected to experience the most significant beans production increases in 2023, particularly in Gicumbi, Nyaruguru (Amajyepfo), Burera (Amajyaruguru), and Huye, with differences of, 3,445 MT, 2,085 MT, 1,918 MT, and 1,800 MT, respectively. These correspond to changes of, respectively, 6%, 8%, 8%, and 6%.

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 94, we provide forecasts on Beans production in Rwanda.

In 2023, beans production in Rwanda is projected to reach 475,751 metrics tons (MT), indicating a 5% increase over 2022 production levels. However, the

Figure 2. Rwanda 2022 Beans production forecast.



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

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Annex – 2023 Rwanda Beans Production Forecast at District level

Provinces	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Amajyaruguru	Burera	25020	23102	1918	8%
Amajyaruguru	Gakenke	26744	25597	1147	4%
Amajyaruguru	Gicumbi	56527	53082	3445	6%
Amajyaruguru	Musanze	23338	23035	304	1%
Amajyaruguru	Rulindo	20860	19883	977	5%
Amajyepfo	Gisagara	13934	13445	489	4%
Amajyepfo	Huye	30262	28462	1800	6%
Amajyepfo	Kamonyi	36042	35583	459	1%
Amajyepfo	Muhanga	24441	24529	-88	0%
Amajyepfo	Nyamagabe	33228	31734	1494	5%
Amajyepfo	Nyanza	25640	24516	1123	5%
Amajyepfo	Nyaruguru	28736	26651	2085	8%
Amajyepfo	Ruhango	34369	33599	770	2%
Iburasirazuba	Bugesera	1382	1034	348	34%
Iburasirazuba	Gatsibo	25960	25844	116	0%
Iburasirazuba	Kayonza	5218	5612	-394	-7%
Iburasirazuba	Kirehe	812	856	-44	-5%
Iburasirazuba	Ngoma	176	171	5	3%
Iburasirazuba	Nyagatare	10021	11271	-1249	-11%
Iburasirazuba	Rwamagana	14915	14583	332	2%
Iburengerazuba	Karongi	6355	4628	1727	37%
Iburengerazuba	Ngororero	2455	1192	1263	106%
Iburengerazuba	Nyabihu	445	0	445	inf
Iburengerazuba	Nyamasheke	1471	181	1290	713%
Iburengerazuba	Rubavu	262	72	190	265%
Iburengerazuba	Rusizi	1103	812	291	36%
Iburengerazuba	Rutsiro	1550	112	1439	1287%
Umujiyi wa Kigali	Gasabo	18053	17364	689	4%
Umujiyi wa Kigali	Nyarugenge	6430	6182	248	4%
Total		475751	453134	22617	5%

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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