

AAGWa Crop Production Forecasts Brief Series

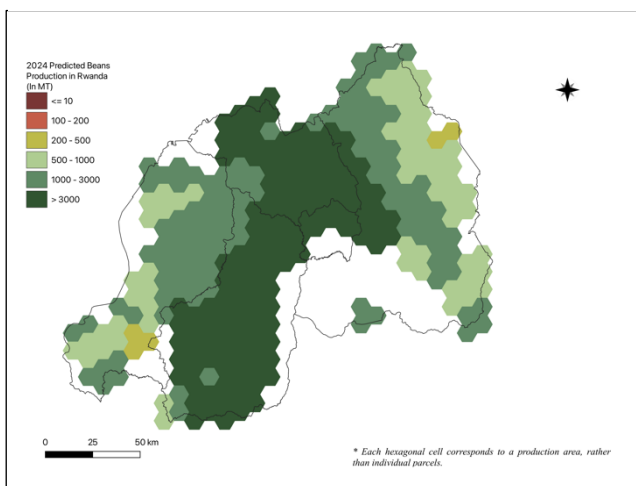
Rwanda – Beans

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No. 128, April 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

Figure 1. Rwanda 2024 Beans production forecast.



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

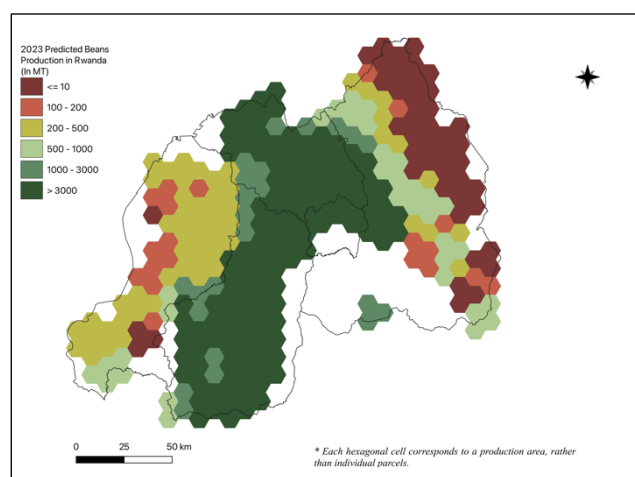
significant beans production levels are expected in the Northern and Southern districts, particularly in Gicumbi (Amajyaruguru), Gatsibo (Iburasirazuba), Nyamagabe (Amajyepfo), Nyaruguru (Amajyepfo), and Nyagatare (Iburasirazuba), with production volumes estimated at 48,010 MT, 34,054 MT, 32,354 MT, 29,710 MT, and 28,355 MT, respectively. In comparison, lower production values are observed in districts such as in Ngoma (Iburasirazuba), Rubavu (Iburengerazuba), Nyabihu (Iburengerazuba), and Bugesera (Iburasirazuba), with production of, 1,345 MT, 1,416 MT, 1,549 MT, and 2,213 MT, respectively.

Compared to the previous year, the most significant beans production increases in 2024 are expected in Nyagatare, Kayonza (Iburasirazuba), Karongi (Kitui), and Gatsibo, with differences of, 19,189 MT, 15,648 MT, 10,180 MT, and 8,094 MT, respectively. These correspond to changes of, respectively, 191%, 300%, 160%, and 31%.

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 128, we provide forecasts on beans production in Rwanda.

In 2024, beans production in Rwanda is projected to reach 512,276 metric tons (MT), indicating a 8% increase over 2023 production levels. The most

Figure 2. Rwanda 2023 Beans production forecast.



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

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Annex – 2024 Rwanda Beans Production Forecast at District Level

Provinces	Districts	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Amajyaruguru	Burera	24566	25020	-454	-2%
Amajyaruguru	Gakenke	28355	26744	1610	6%
Amajyaruguru	Gicumbi	48010	56527	-8518	-15%
Amajyaruguru	Musanze	19299	23338	-4039	-17%
Amajyaruguru	Rulindo	19327	20860	-1532	-7%
Amajyepfo	Gisagara	10750	13934	-3184	-23%
Amajyepfo	Huye	25869	30262	-4393	-15%
Amajyepfo	Kamonyi	27629	36042	-8413	-23%
Amajyepfo	Muhanga	24129	24441	-313	-1%
Amajyepfo	Nyamagabe	32354	33228	-874	-3%
Amajyepfo	Nyanza	20237	25640	-5403	-21%
Amajyepfo	Nyaruguru	29710	28736	974	3%
Amajyepfo	Ruhango	26644	34369	-7725	-22%
Iburasirazuba	Bugesera	2213	1382	831	60%
Iburasirazuba	Gatsibo	34054	25960	8094	31%
Iburasirazuba	Kayonza	20866	5218	15648	300%
Iburasirazuba	Kirehe	6309	812	5497	677%
Iburasirazuba	Ngoma	1345	176	1169	663%
Iburasirazuba	Nyagatare	29210	10021	19189	191%
Iburasirazuba	Rwamagana	11346	14915	-3569	-24%
Iburengerazuba	Karongi	16535	6355	10180	160%
Iburengerazuba	Ngororero	10289	2455	7835	319%
Iburengerazuba	Nyabihu	1549	445	1104	248%
Iburengerazuba	Nyamasheke	9461	1471	7990	543%
Iburengerazuba	Rubavu	1416	262	1154	440%
Iburengerazuba	Rusizi	3203	1103	2100	190%
Iburengerazuba	Rutsiro	9578	1550	8028	518%
Umujiyi wa Kigali	Gasabo	13016	18053	-5037	-28%
Umujiyi wa Kigali	Nyarugenge	5006	6430	-1425	-22%
Total		512276	475751	36525	8%

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: Rwanda – Beans. AAgWa Crop Production Forecasts Brief Series, No. 128. Kigali: AKADEMIYA2063.

<https://doi.org/10.54067/acpf.128>