

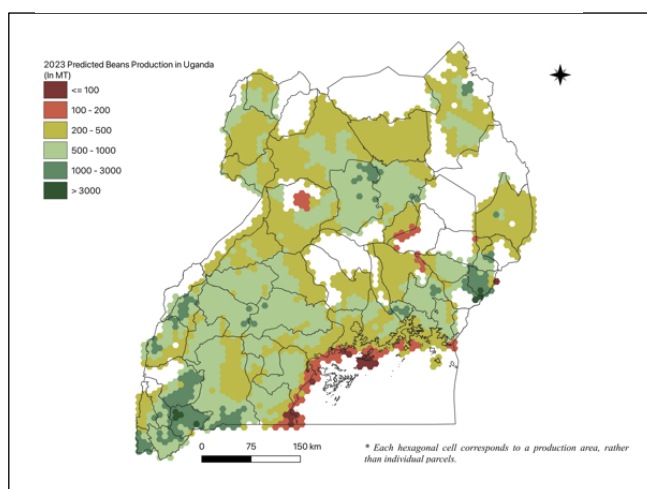
AAGWa Crop Production Forecasts Brief Series Uganda – Beans

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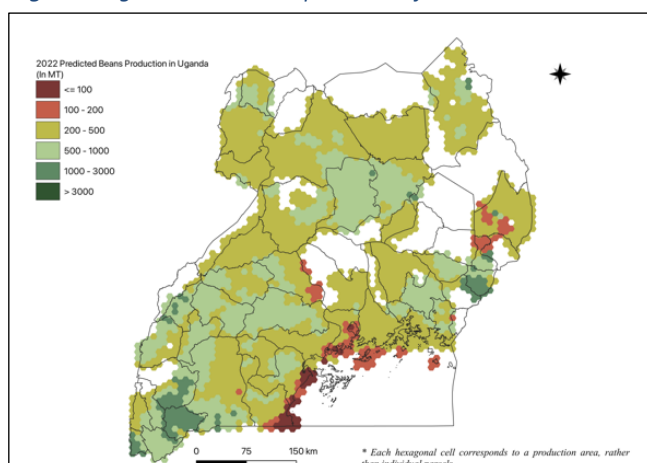
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability, and

Figure 1. Uganda 2023 Beans production forecast.



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

Figure 2. Uganda 2022 Beans production forecast.



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

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 95, we provide forecasts on Beans production in Uganda.

In 2023, the projected beans production in Uganda is expected to reach 976,291 metric tons, which indicates a 18% increase over 2022 production levels. However, the most significant beans production levels are expected in the Southern districts, particularly in Buwekula (Mubende), Oyam (Apac), Ruhaama (Ntungamo), Kiboga, and Mwenge (Kyenjojo), with production volumes estimated at 27,202 MT, 24,767 MT, 22,376 MT, 20,789 MT, and 19,930 MT, respectively. In comparison, lower production values are observed in Entebbe (Wakiso), Bbaale (Kayunga), Ntenjeru (Kayunga), and Gulu, with production of, 60, 313, 365, and 395 metric tons, respectively.

Compared to 2022, the most significant beans production increases in 2023 are expected to occur in

Buwekula (Mubende), Nyabushozi (Mbarara), Bukoto (Masaka), Jie (Kotido), and Kiboga, with differences of, 6,040 MT, 4,277 MT, 4,076 MT, 3,876 MT, and 3,554 MT, respectively. These correspond to changes of, respectively, 29%, 41%, 44%, 31%, and 21%.

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Annex – 2023 Uganda Beans Production Forecast at District level

Regions	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Adjumani	East Moyo	626	745	-119	-16%
Apac	Kole	11691	10300	1391	14%
Apac	Kwania	15420	13558	1862	14%
Apac	Maruzi	13666	12870	796	6%
Apac	Oyam	24767	21621	3147	15%
Arua	Ayivu	3012	2141	870	41%
Arua	Madi-Okollo	10243	8978	1265	14%
Arua	Maracha	1583	1511	73	5%
Arua	Terego	6222	5805	417	7%
Arua	Vurra	3235	3343	-108	-3%
Bugiri	Bukooli	10377	8254	2123	26%
Bushenyi	Buhweju	8499	7047	1452	21%
Bushenyi	Igara	6586	5440	1146	21%
Bushenyi	Ruhinda	9414	7796	1618	21%
Bushenyi	Sheema	10104	8443	1661	20%
Gulu	Aswa	8206	7822	383	5%
Gulu	Gulu	395	315	80	25%
Gulu	Kilak	14648	15023	-375	-2%
Gulu	Nwoya	18377	17152	1225	7%
Gulu	Omoror	9858	9110	748	8%
Hoima	Bugahya	7683	7108	576	8%
Hoima	Buhaguzi	11455	10645	811	8%
Iganga	Bugweri	3816	2983	834	28%
Iganga	Busiki	5780	4596	1184	26%
Iganga	Kigulu	5721	4396	1325	30%
Iganga	Luuka	4185	3151	1034	33%
Jinja	Butembe	3313	2557	756	30%
Jinja	Jinja	466	316	150	48%
Jinja	Kagoma	4590	3616	973	27%
Kabale	Ndorwa	5459	4942	518	10%
Kabale	Rubanda	5211	4852	359	7%
Kabale	Rukiga	4256	3976	280	7%
Kabarole	Bunyangabu	3574	3341	233	7%
Kabarole	Burahya	12619	11320	1299	11%
Kaberamaido	Kaberamaido	2606	2992	-386	-13%
Kaberamaido	Kalaki	1511	1538	-27	-2%
Kampala	Kampala	438	168	270	161%
Kamuli	Budiope	6898	6867	31	0%
Kamuli	Bugabula	6506	5259	1247	24%
Kamuli	Bulamogi	641	874	-233	-27%
Kamuli	Buzaaya	1609	1302	307	24%
Kamwenge	Kibale	12417	10769	1648	15%
Kamwenge	Kitagwenda	5795	4652	1143	25%
Kanungu	Kinkiizi	7847	6880	967	14%
Kapchorwa	Kongasis	407	367	40	11%
Kapchorwa	Kween	405	340	65	19%
Kasese	Bukonjo	7742	6814	928	14%
Kasese	Busongora	10463	8778	1686	19%
Kayunga	Bbaale	313	276	37	13%



Kayunga	Ntenjeru	365	341	24	7%
Kibale	Bugangaizi	9959	8384	1574	19%
Kibale	Buyaga	11186	9508	1678	18%
Kibale	Buyanja	7946	6442	1505	23%
Kiboga	Kiboga	20789	17235	3554	21%
Kisoro	Kisoro	11727	10375	1352	13%
Kitgum	Chua	632	573	59	10%
Kotido	Dodoth	17541	15728	1814	12%
Kotido	Jie	16551	12675	3876	31%
Kyenjojo	Kyaka	17056	13567	3489	26%
Kyenjojo	Mwenge	19930	16874	3056	18%
Lake Albert	Lake Albert	2723	3605	-882	-24%
Lake Victoria	Lake Victoria	9009	9587	-578	-6%
Lira	Dokolo	6366	6046	320	5%
Lira	Erute	11309	9954	1356	14%
Lira	Moroto	15080	13032	2049	16%
Lira	Otuke	7690	6868	821	12%
Luwero	Bamunanika	5325	4465	861	19%
Luwero	Katikamu	4657	3968	689	17%
Luwero	Nakaseke	673	565	109	19%
Masaka	Bukomansimbi	4216	3440	776	23%
Masaka	Bukoto	13374	9297	4076	44%
Masaka	Kalungu	5344	4478	866	19%
Masindi	Bujenje	4540	4376	164	4%
Masindi	Bujenje (?)	5825	5610	215	4%
Masindi	Buruli	8656	8218	437	5%
Masindi	Kibanda	14283	13686	597	4%
Mayuge	Bunya	6975	5295	1680	32%
Mbale	Bubulo	13317	10752	2565	24%
Mbale	Bungokho	9100	7232	1868	26%
Mbale	Manjiya	1188	909	280	31%
Mbarara	Bukanga	15350	12464	2886	23%
Mbarara	Ibanda	7418	5895	1524	26%
Mbarara	Isingiro	9218	7808	1409	18%
Mbarara	Kashari	6720	5553	1167	21%
Mbarara	Kazo	11457	8932	2525	28%
Mbarara	Nyabushozi	14763	10486	4277	41%
Mbarara	Rwampara	6292	5563	729	13%
Mpigi	Butambala	2628	2143	485	23%
Mpigi	Gomba	9697	7572	2125	28%
Mpigi	Mawokota	5233	4095	1138	28%
Mubende	Busujju	3284	2656	628	24%
Mubende	Buwekula	27202	21163	6040	29%
Mubende	Kassanda	15187	12240	2947	24%
Mubende	Mityana	7270	6076	1194	20%
Mukono	Buikwe	6288	4685	1603	34%
Mukono	Buvuma Islands	1038	814	224	28%
Mukono	Mukono	4970	3780	1191	32%
Mukono	Nakifuma	3850	3209	641	20%
Nakapiripirit	Chekwii	10267	7651	2616	34%
Nakapiripirit	Pian	5785	4002	1784	45%
Nakapiripirit	Pokot	4251	3405	846	25%



Nebbi	Jonam	5383	3796	1587	42%
Nebbi	Okoro	3803	3488	315	9%
Nebbi	Padyere	6283	5096	1186	23%
Ntungamo	Kajara	13392	11210	2182	19%
Ntungamo	Ruhaama	22376	18847	3530	19%
Ntungamo	Rushenyi	13650	11560	2090	18%
Pader	Agago	12354	11942	413	3%
Pader	Aruu	11287	10776	512	5%
Pallisa	Budaka	3276	2586	690	27%
Pallisa	Butebo	2052	1627	425	26%
Pallisa	Kibuku	3123	2621	502	19%
Pallisa	Pallisa	3554	3197	357	11%
Rakai	Kabula	6388	4691	1698	36%
Rakai	Kakuuto	4772	2863	1910	67%
Rakai	Kooki	10694	7943	2751	35%
Rakai	Kyotera	4738	3155	1584	50%
Rukungiri	Bufumbira	3014	2562	452	18%
Rukungiri	Rubabo	5628	4902	726	15%
Sembabule	Lwemiyaga	5635	4341	1294	30%
Sembabule	Mawogola	10396	7938	2458	31%
Sironko	Budadiri	4433	3513	920	26%
Sironko	Bulambuli	2830	2103	727	35%
Tororo	Bunyole	3092	2578	513	20%
Wakiso	Busiuro	5645	4062	1584	39%
Wakiso	Entebbe	60	0	60	inf
Wakiso	Jinja	2829	2071	758	37%
Yumbe	Aringa	13437	12724	714	6%
Total		976291	828416	147874	18%

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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