

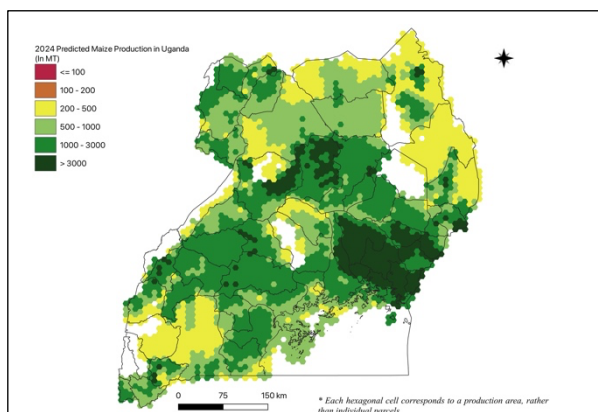
AAGWa Crop Production Forecasts Brief Series Uganda – Maize

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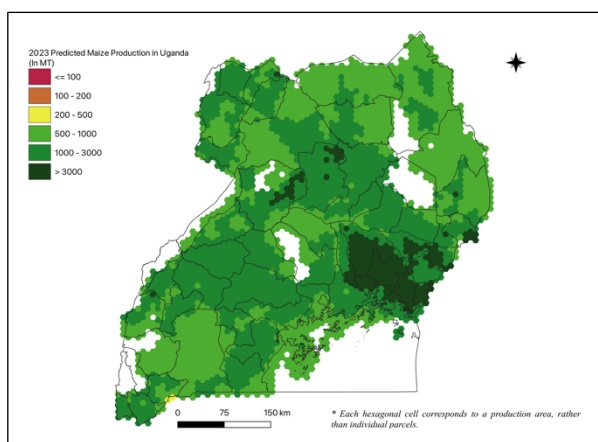
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for ten major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow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

Figure 1. Uganda 2024 Maize production forecast.



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

Figure 2. Uganda 2023 Maize 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 139, we provide forecasts on maize production in Uganda.

In 2024, maize production in Uganda is projected to reach 3,264,423 metric tons (MT), indicating a 2% increase over 2023 production levels. The highest maize producers are expected in districts such as Bukooli (Bugiri), Oyam (Apac), Bugabula (Kamuli), Buwekula (Mubende), and Kibanda (Masindi), with production levels estimated at 132,394 MT, 88,042 MT, 86,571 MT, 83,639 MT, and 79,153 MT, respectively. In comparison, lower production values are observed in Gulu, Entebbe (Wakiso), Kampala, Usuk (Katakwi), and Amuria (Katakwi), with production of, respectively, 632 MT, 687 MT, 718 MT, 761 MT, and 1,620 MT.

Moreover, the most significant maize production increases in 2024 are expected to occur in Bukooli, Bugabula, Oyam, Buwekula, and Kibanda, with differences reaching 18,973 MT, 17,198 MT, 17,024 MT, 15,343 MT, and 14,997 MT. These

correspond to changes of 17%, 25%, 24%, 22%, and 23%.

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Annex – 2024 Uganda Maize Production Forecast at District Level

Regions	Districts	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Adjumani	East Moyo	38915	43274	-4359	-10%
Apac	Kole	42078	32706	9372	29%
Apac	Kwania	51488	41310	10178	25%
Apac	Maruzi	40316	36376	3940	11%
Apac	Oyam	88042	71018	17024	24%
Arua	Ayivu	6374	6919	-545	-8%
Arua	Madi-Okollo	18905	23110	-4205	-18%
Arua	Maracha	3953	4376	-422	-10%
Arua	Terego	13690	16165	-2475	-15%
Arua	Vurra	6132	8138	-2006	-25%
Bugiri	Bukooli	132394	113421	18973	17%
Bushenyi	Buhweju	2246	4129	-1883	-46%
Bushenyi	Igara	2068	3977	-1909	-48%
Bushenyi	Ruhinda	2101	3946	-1844	-47%
Bushenyi	Sheema	2552	5067	-2514	-50%
Busia	Samia-Bugwe	48593	40218	8375	21%
Gulu	Aswa	13816	18874	-5058	-27%
Gulu	Gulu	632	929	-296	-32%
Gulu	Kilak	25041	35782	-10740	-30%
Gulu	Nwoya	27169	38946	-11778	-30%
Gulu	Omoro	17826	21606	-3780	-17%
Hoima	Bugahya	16134	18487	-2352	-13%
Hoima	Buhaguzi	22530	25818	-3288	-13%
Iganga	Bugweri	31898	26750	5147	19%
Iganga	Busiki	51594	43862	7732	18%
Iganga	Kigulu	46074	36935	9140	25%
Iganga	Luuka	42035	33900	8135	24%
Jinja	Butembe	19373	15361	4012	26%
Jinja	Jinja	2039	1810	229	13%
Jinja	Kagoma	25776	19653	6123	31%
Kabale	Ndorwa	5778	6427	-649	-10%
Kabale	Rubanda	6371	7311	-940	-13%
Kabale	Rukiga	4274	4986	-713	-14%
Kabarole	Bunyangabu	8031	7483	547	7%
Kabarole	Burahya	27301	25175	2126	8%
Kaberamaido	Kaberamaido	12353	13221	-868	-7%
Kaberamaido	Kalaki	12774	12666	109	1%
Kalangala	Bujumba	2911	3845	-934	-24%
Kampala	Kampala	718	1245	-526	-42%
Kamuli	Budiope	78894	64276	14619	23%
Kamuli	Bugabula	86571	69373	17198	25%
Kamuli	Bulamogi	46814	38695	8118	21%
Kamuli	Buzaaya	22443	17713	4729	27%
Kamwenge	Kibale	37125	33642	3483	10%
Kamwenge	Kitagwenda	18642	15550	3092	20%
Kapchorwa	Kongasis	36980	35259	1722	5%
Kapchorwa	Kween	14903	14835	68	0%
Kapchorwa	Tingey	7329	7535	-206	-3%
Kasese	Bukonjo	11331	11297	34	0%

Kasese	Busongora	20106	20300	-195	-1%
Katakwi	Amuria	1620	1578	42	3%
Katakwi	Usuk	761	1212	-451	-37%
Kayunga	Bbaale	22677	19705	2972	15%
Kayunga	Ntenjeru	28366	21806	6561	30%
Kibale	Bugangaizi	23626	23494	132	1%
Kibale	Buyaga	25583	25146	437	2%
Kibale	Buyanja	18518	18348	170	1%
Kiboga	Kiboga	73012	66551	6462	10%
Kisoro	Kisoro	12370	12181	188	2%
Kitgum	Chua	29742	37423	-7681	-21%
Kitgum	Lamwo	27489	39571	-12082	-31%
Kotido	Dodoth	44821	55150	-10329	-19%
Kotido	Jie	31304	33678	-2375	-7%
Kumi	Bukedea	15588	17120	-1532	-9%
Kumi	Kumi	15022	15644	-622	-4%
Kumi	Ngora	10170	10863	-693	-6%
Kyenjojo	Kyaka	27801	27405	396	1%
Kyenjojo	Mwenge	35094	35085	9	0%
Lake Albert	Lake Albert	3673	5754	-2081	-36%
Lake Victoria	Lake Victoria	55889	65171	-9282	-14%
Lira	Dokolo	17189	16602	587	4%
Lira	Erute	31314	27833	3481	13%
Lira	Kyoga	20525	22173	-1648	-7%
Lira	Moroto	45461	39520	5941	15%
Lira	Otuke	21655	21347	308	1%
Luwero	Bamunanika	16875	17134	-258	-2%
Luwero	Katikamu	13968	15211	-1243	-8%
Luwero	Nakaseke	2066	2611	-545	-21%
Masaka	Bukomansimbi	11345	10131	1214	12%
Masaka	Bukoto	52733	51128	1605	3%
Masaka	Kalungu	14347	13669	678	5%
Masindi	Bujenje	21594	19038	2555	13%
Masindi	Bujenje (?)	22425	20225	2200	11%
Masindi	Buruli	38181	34221	3961	12%
Masindi	Kibanda	79153	64155	14997	23%
Mayuge	Bunya	62156	50258	11899	24%
Mbale	Bubulo	17118	15061	2058	14%
Mbale	Bungokho	30679	25812	4867	19%
Mbale	Manjiya	2375	2816	-440	-16%
Mbarara	Bukanga	16828	19248	-2420	-13%
Mbarara	Ibanda	4108	6538	-2430	-37%
Mbarara	Isingiro	8550	10393	-1843	-18%
Mbarara	Kashari	4191	7129	-2938	-41%
Mbarara	Kazo	11174	15279	-4105	-27%
Mbarara	Nyabushozi	13834	22066	-8232	-37%
Mbarara	Rwampara	2794	5553	-2760	-50%
Moroto	Bokora	15040	26323	-11284	-43%
Moroto	Matheniko	9059	17485	-8425	-48%
Moyo	Obongi	9615	11498	-1883	-16%
Moyo	West Moyo	13299	14271	-972	-7%
Mpigi	Butambala	6181	6560	-379	-6%



Mpigi	Gomba	19003	21045	-2042	-10%
Mpigi	Mawokota	11798	14037	-2239	-16%
Mubende	Busujju	9171	8470	701	8%
Mubende	Buwekula	83639	68296	15343	22%
Mubende	Kassanda	44197	38204	5994	16%
Mubende	Mityana	19341	18879	462	2%
Mukono	Buikwe	21593	20499	1094	5%
Mukono	Buvuma Islands	3623	3748	-125	-3%
Mukono	Mukono	15880	16690	-810	-5%
Mukono	Nakifuma	19615	18144	1471	8%
Nakapiripirit	Chekwii	32422	35953	-3531	-10%
Nakapiripirit	Pian	18264	18046	219	1%
Nakapiripirit	Pokot	10345	13527	-3182	-24%
Nakasongola	Buruli	28220	35282	-7062	-20%
Nebbi	Jonam	10293	11282	-989	-9%
Nebbi	Okoro	10306	11333	-1028	-9%
Nebbi	Padyere	17043	16601	442	3%
Ntungamo	Kajara	10020	8184	1836	22%
Ntungamo	Ruhaama	10927	10855	71	1%
Ntungamo	Rushenyi	13327	11810	1516	13%
Pader	Agago	28130	35178	-7048	-20%
Pader	Aruu	32975	40678	-7703	-19%
Pallisa	Budaka	18792	15573	3219	21%
Pallisa	Butebo	13093	10996	2097	19%
Pallisa	Kibuku	17542	14513	3029	21%
Pallisa	Pallisa	18764	16449	2316	14%
Rakai	Kabula	8521	10518	-1996	-19%
Rakai	Kakuuto	11649	14706	-3057	-21%
Rakai	Kooki	19686	20481	-795	-4%
Rakai	Kyotera	11187	12128	-941	-8%
Sembabule	Lwemiyaga	11859	11755	104	1%
Sembabule	Mawogola	23446	23599	-153	-1%
Sironko	Budadiri	12663	12929	-266	-2%
Sironko	Bulambuli	7657	8196	-539	-7%
Soroti	Kasilo	13059	14457	-1397	-10%
Soroti	Serere	13222	14432	-1210	-8%
Soroti	Soroti	23452	23143	309	1%
Tororo	Bunyole	36812	30492	6320	21%
Tororo	Kisoko (West Budama)	21960	20013	1947	10%
Tororo	Tororo	9901	9345	556	6%
Tororo	Tororo (Municipality)	2605	2499	106	4%
Wakiso	Busiiro	12961	15686	-2725	-17%
Wakiso	Entebbe	687	1021	-334	-33%
Wakiso	Jinja	6105	7358	-1253	-17%
Yumbe	Aringa	36277	37152	-875	-2%
Total		3264423	3192052	72379	2%

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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