

AAGWa Crop Production Forecasts Brief Series

Liberia – Rice

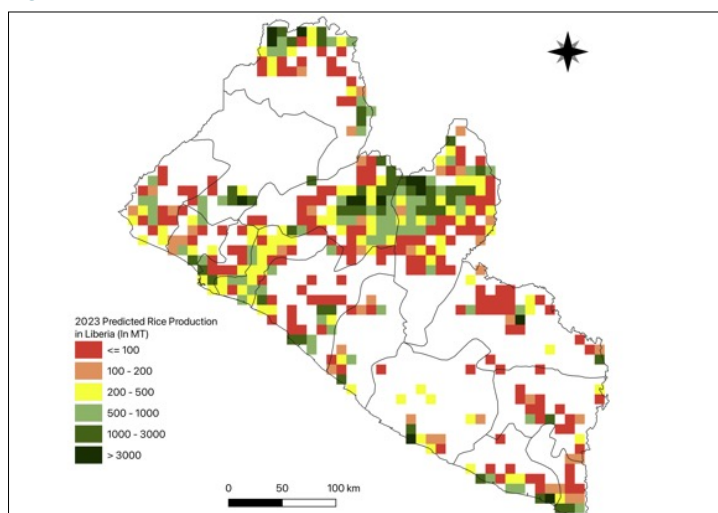
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The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability, 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 efficiently. The data published in the briefs are generated through the Africa Crop Production (AfCP) model, an Artificial

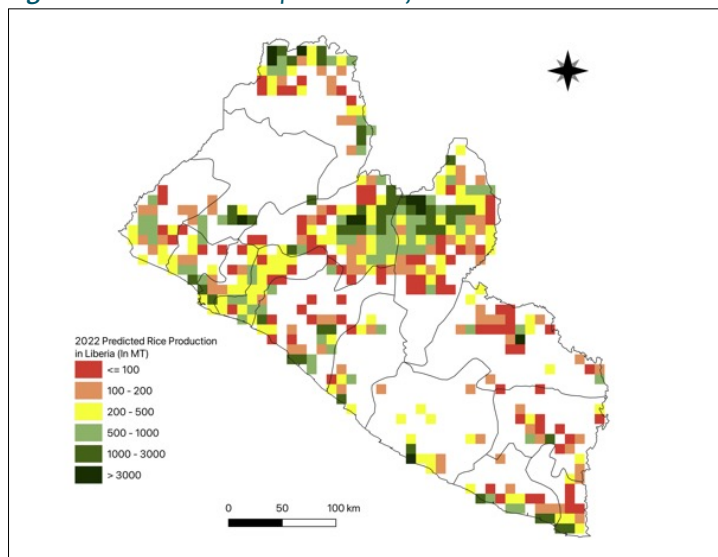
Intelligence (AI-based) model applied to remotely sensed geo-biophysical data to produce estimates at pixel as well as administrative levels as early as the beginning of every growing season. In Brief 44, we provide forecasts on rice production in Liberia.

Figure 1. Liberia 2023 rice production forecast.



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

Figure 1. Liberia 2022 rice production forecast.



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

In 2023, rice production in Liberia is projected to reach 233,183 metric tons (MT), indicating a 2% increase over 2022 production levels. The central areas of the country are expected to produce the most significant volumes of rice, particularly in Saclepea (Nimba), Panta-Kpa (Bong), Jorquelleh (Bong), and Foya (Lofa), with production levels estimated at 28,208 MT, 16,074 MT, 12,282 MT, and 11,520 MT, respectively. In contrast, lower production values are observed in Pyneston (Sinoe), Butaw (Sinoe), Mecca (Bomi), and Buah (Grand Kru), with production values evaluated at, respectively, 99 MT, 102 MT, 103 MT, and 109 MT.

Moreover, the most significant rice production increases in 2023 are expected to occur in Nimba, and Bonga counties, particularly in Saclepea, Panta-Kpa, Foya, and Jorquelleh, with values of respectively, 887, 459, 411, and 362 MT. They similarly correspond to changes of 3%, 3%, 4%, and 3%, respectively.

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Annex – 2023 Liberia Rice Production Forecast at District level

Counties	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Bomi	Klay	6061	5848	214	4%
Bomi	Mecca	103	93	10	11%
Bong	Fuamah	181	177	5	3%
Bong	Jorquelleh	12282	11920	362	3%
Bong	Kokoyah	4314	4259	56	1%
Bong	Panta-Kpa	16074	15615	459	3%
Bong	Salala	3961	3866	95	2%
Bong	Sanayea	2213	2187	26	1%
Bong	Suakoko	9884	9551	333	3%
Bong	Zota	931	903	28	3%
Gbapolu	Bopolu	9853	9578	276	3%
Gbapolu	Gbarma	1619	1564	55	4%
Grand Bassa	District # 1	715	687	28	4%
Grand Bassa	District # 2	885	892	-6	-1%
Grand Bassa	District # 3	5351	5236	116	2%
Grand Bassa	District # 4	5280	5126	155	3%
Grand Bassa	Owensgrove	2846	2861	-16	-1%
Grand Bassa	Stjohnriver	336	316	20	6%
Grand Cape Mount	Commnwealth	276	260	15	6%
Grand Cape Mount	Garwula	3525	3364	161	5%
Grand Cape Mount	Golakonneh	1573	1458	115	8%
Grand Cape Mount	Porkpa	917	832	84	10%
Grand Cape Mount	Tewor	1364	1260	104	8%
Grand Gedeh	Gbarzon	2362	2424	-62	-3%
Grand Gedeh	Konobo	1756	1865	-109	-6%
Grand Gedeh	Tchien	6132	5956	175	3%
Grand Kru	Buah	109	120	-11	-9%
Grand Kru	Lower Kru Coast	5077	4972	105	2%
Grand Kru	Sasstown 180606	2228	2194	34	2%
Grand Kru	Upperkrucoast	2345	2371	-26	-1%
Lofa	Foya	11520	11109	411	4%
Lofa	Kolahun	5089	4991	98	2%
Lofa	Salayea	3221	3161	61	2%
Lofa	Voinjama	8290	7940	350	4%
Lofa	Zorzor	4687	4591	97	2%
Margibi	Firestone	2444	2513	-69	-3%
Margibi	Gibi	423	416	6	2%
Margibi	Kakata	4112	3964	149	4%
Margibi	Mambah-Kaba	2838	3002	-163	-5%
Maryland	Pleebo/Sodeken	4487	4493	-6	0%
Montserrado	Careysburg	339	379	-40	-11%
Montserrado	Greater Monrovia	888	924	-37	-4%
Montserrado	St Paul River	3410	3369	41	1%



Montserrado	Todee	1578	1606	-29	-2%
Nimba	Gbehlageh	5633	5578	55	1%
Nimba	Saclepea	28208	27320	887	3%
Nimba	San-niquelleh-Mahn	5001	4911	90	2%
Nimba	Tappita	4198	4214	-16	0%
Nimba	Yarwein-Mehn-sohnne	3143	3140	4	0%
Nimba	Zoegeh	9578	9368	210	2%
River Gee	Gbeapo	3009	3082	-74	-2%
River Gee	Webbo	1504	1600	-96	-6%
Rivercess	Morweh	1484	1473	11	1%
Rivercess	Timbo	3494	3387	106	3%
Sinoe	Butaw	102	109	-7	-6%
Sinoe	Dugbe River	297	373	-77	-21%
Sinoe	Greenville	1040	1022	18	2%
Sinoe	Jaedae Jaedepo	585	579	6	1%
Sinoe	Juarzon	1098	1080	18	2%
Sinoe	Kpayan	830	820	10	1%
Sinoe	Pyneston	99	109	-10	-10%
Total		233183	228378	4805	2%

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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