

AAGWa Crop Production Forecasts Brief Series Liberia – Rice

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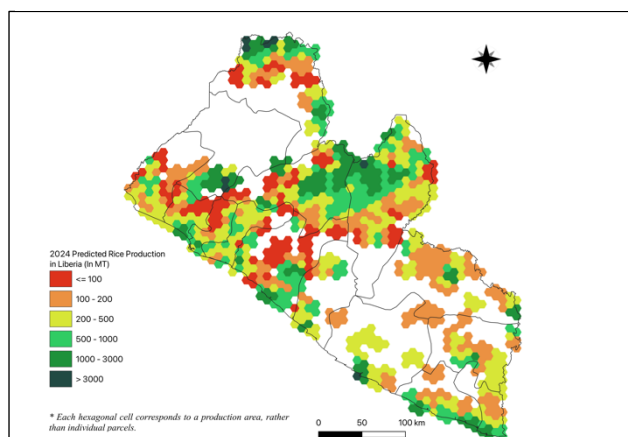
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The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for ten major crops across nearly 50 African countries. The timeliness, wide availability, 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. 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 geobiophysical data to produce estimates at pixel as well as administrative levels as early as the beginning of every growing season. In Brief 184, we provide forecasts on rice production in Liberia.

In 2024, rice production in Liberia is projected to reach 243,879 metric tons (MT), corresponding to a 12% increase over 2023 production levels. The central areas of the country are expected to produce the most significant volumes of rice, particularly in Saclepea

Figure 1. Liberia 2024 Rice Production Forecast.

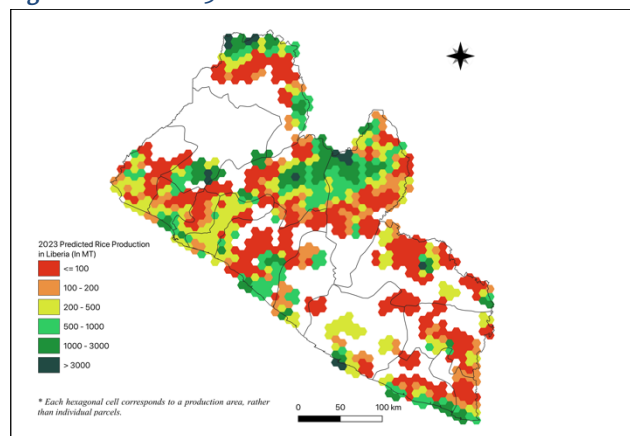


Data source: Africa Agriculture Watch (www.aagwa.org).

(Nimba), Panta-Kpa (Bong), Jorquellah (Bong), and Foya (Lofa), with production levels estimated at 28,684 MT, 16,471 MT, 12,761 MT, and 11,029 MT, respectively. In contrast, lower production values are observed in, Mecca (Bomi), Pyneston (Sinoe), Butaw (Sinoe, and Buah (Grand Kru), with production values evaluated at, respectively, 89 MT, 130 MT, 131 MT, and 164 MT.

Moreover, the most significant rice production increases in 2023 are expected to occur in Tappita (Nimba), Gbarzon (Grand Gedeh), Gbeapo (River Gee), and Webbo (River Gee), with values of respectively, 1,835 MT, 1,492 MT, 1,242 MT, and 1,234 MT. These correspond to changes of 58%, 99%, 49%, and 127%.

Figure 2. Liberia 2023 Rice Production Forecast.



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

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Annex – 2024 Liberia Rice Production Forecast at District Level

Counties	Districts	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Bomi	Klay	5711	5102	609	12%
Bomi	Mecca	89	0	89	inf
Bong	Fuamah	172	7	165	2401%
Bong	Jorquelleh	12761	12205	556	5%
Bong	Kokoyah	4832	4133	699	17%
Bong	Panta-Kpa	16471	16615	-144	-1%
Bong	Salala	4136	3651	485	13%
Bong	Sanayea	2328	1930	398	21%
Bong	Suakoko	10331	9945	386	4%
Bong	Zota	1024	604	420	70%
Gbapolu	Bopolu	9854	10097	-243	-2%
Gbapolu	Gbarma	1601	1341	260	19%
Grand Bassa	District # 1	704	591	113	19%
Grand Bassa	District # 2	987	504	483	96%
Grand Bassa	District # 3	5740	4938	803	16%
Grand Bassa	District # 4	5589	5108	481	9%
Grand Bassa	Owensgrove	2792	2576	216	8%
Grand Bassa	Stjohnriver	325	84	241	287%
Grand Cape Mount	Commonwealth	278	206	72	35%
Grand Cape Mount	Garwula	3206	2662	543	20%
Grand Cape Mount	Golakonneh	1402	1008	394	39%
Grand Cape Mount	Porkpa	785	617	169	27%
Grand Cape Mount	Tewor	1218	1085	132	12%
Grand Gedeh	Gbarzon	3005	1513	1492	99%
Grand Gedeh	Konobo	2379	1526	853	56%
Grand Gedeh	Tchien	6470	5963	507	9%
Grand Kru	Buah	164	45	119	265%
Grand Kru	Lower Kru Coast	5566	5080	487	10%
Grand Kru	Sasstown 180606	2623	2197	426	19%
Grand Kru	Upperkrucoast	3010	2175	835	38%
Lofa	Foya	11029	11880	-850	-7%
Lofa	Kolahun	5001	4344	657	15%
Lofa	Salayea	3311	3133	178	6%
Lofa	Voinjama	8127	7707	420	5%
Lofa	Zorzor	4773	3984	790	20%
Margibi	Firestone	2243	1945	299	15%
Margibi	Gibi	475	234	241	103%
Margibi	Kakata	4250	3479	771	22%
Margibi	Mambah-Kaba	2649	2344	305	13%
Maryland	Pleebo/Sodeken	5286	4382	903	21%
Montserrado	Careysburg	289	137	152	111%
Montserrado	Greater Monrovia	864	771	92	12%
Montserrado	St Paul River	3357	3328	29	1%
Montserrado	Todee	1498	1018	479	47%
Nimba	Gbehlageh	6031	5327	704	13%
Nimba	Saclepea	28684	28971	-287	-1%
Nimba	Sanniquelleh-				
Nimba	Mahn	5295	4695	600	13%
Nimba	Tappita	4990	3156	1835	58%



Nimba	Yarwein-Mehnsohnne	3619	2629	990	38%
Nimba	Zoegeh	10214	9276	938	10%
River Gee	Gbeapo	3773	2531	1242	49%
River Gee	Webbo	2202	968	1234	127%
Rivercess	Morweh	1676	1263	413	33%
Rivercess	Timbo	3737	3158	579	18%
Sinoe	Butaw	131	30	102	344%
Sinoe	Dugbe River	532	262	270	103%
Sinoe	Greenville	1120	1074	46	4%
Sinoe	Jaedae Jaedepo	739	510	229	45%
Sinoe	Juarzon	1316	947	369	39%
Sinoe	Kpayan	985	707	278	39%
Sinoe	Pyneston	130	31	99	315%
Total		243879	217729	26153	12%

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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