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AAgWa Crop Production Forecasts Brief Series

Niger – Groundnut

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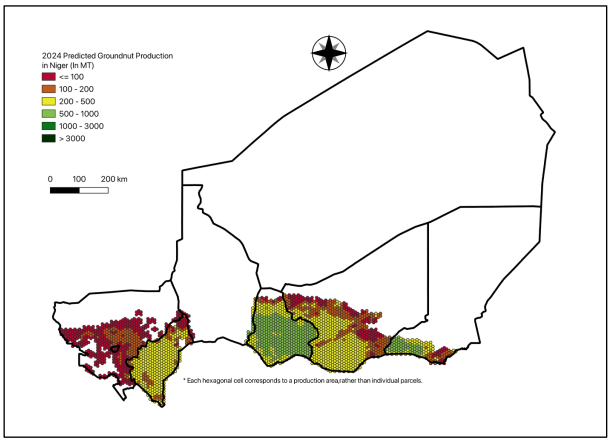
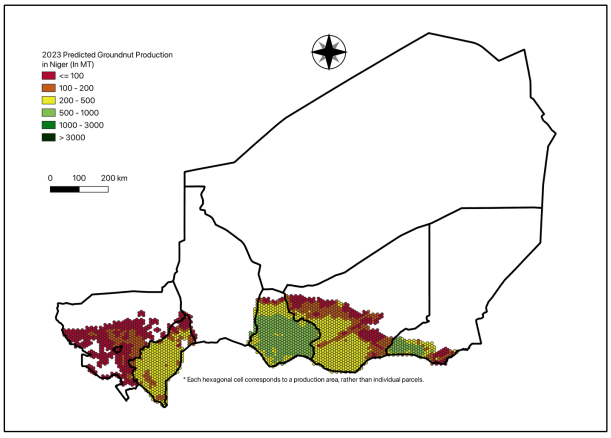
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAgWa) aims to provide more accurate and timely data on harvest and yields for ten major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow 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 geo-biophysical data to produce estimates at pixel as well as administrative levels as early as the beginning of every growing season. In Brief 209, we provide forecasts on groundnut production in Niger.

Figure 1. *Niger 2024 Groundnut Production Forecast.*



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

Figure 2. *Niger 2023 Groundnut Production Forecast.*



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

In 2024, groundnut production in Niger is projected to reach 526,438 metric tons (MT), indicating a 2% increase over 2023 production levels. The highest groundnut producers are expected to be Dakoro (Maradi), Maïné-Soroa (Diffa), Mayahi (Maradi), Mirriah (Zinder), and Tessaoua (Maradi), with production levels estimated at 73,632 MT, 51,852 MT, 45,730 MT, 40,894 MT, and 36,108 MT. In contrast, lower production values are observed at Madaoua (Tahoua), Bouza (Tahoua), Bkonni (Tahoua), Niamey (Niamey), and Illéla (Tahoua), with production of respectively, 581 MT, 265 MT, 168 MT, 140 MT, and 47 MT.

Compared to 2023, the most significant groundnut production increases in 2024 are expected in districts such as Tanout (Zinder), Gouré (Zinder), Mirriah (Zinder), Dakoro (Maradi), and Kollo (Tillabéry), with differences of respectively 4,406 MT, 1,522 MT, 1,512 MT, 1,274 MT, and 1,103 MT. These correspond to changes of 14 %, 6 %, 4 %, 2 %, and 16 % respectively.

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Annex – 2024 Niger Groundnut Production Forecast at District Level

Regions	Departments	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Diffa	Diffa	2345	2072	273	13%
Diffa	Maïné-Soroa	51852	51848	5	0%
Dosso	Boboye	13930	14035	-105	-1%
Dosso	Dogon-Doutchi	22769	22096	673	3%
Dosso	Dosso	26345	26749	-404	-2%
Dosso	Gaya	11178	11358	-180	-2%
Dosso	Loga	14024	13995	29	0%
Maradi	Aguié	18308	18911	-604	-3%
Maradi	Dakoro	73632	72358	1274	2%
Maradi	Groumdji	31879	32508	-629	-2%
Maradi	Madarounfa	19059	19844	-784	-4%
Maradi	Mayahi	45730	46097	-367	-1%
Maradi	Tessaoua	36108	36603	-495	-1%
Niamey	Niamey	140	112	29	26%
Tahoua	Bkonni	168	138	30	22%
Tahoua	Bouza	265	246	19	8%
Tahoua	Illéla	47	33	14	42%
Tahoua	Madaoua	581	582	-2	0%
Tillabéry	Filingué	3406	2772	634	23%
Tillabéry	Kollo	8181	7078	1103	16%
Tillabéry	Ouallam	5218	4304	914	21%
Tillabéry	Say	2237	1970	267	14%
Tillabéry	Téra	2774	2246	528	24%
Tillabéry	Tillabéry	1147	921	226	25%
Zinder	Gouré	26035	24513	1522	6%
Zinder	Magaria	25285	25567	-281	-1%
Zinder	Matameye	7548	7611	-62	-1%
Zinder	Mirriah	40894	39382	1512	4%
Zinder	Tanout	35353	30947	4406	14%
Total		526438	516896	9545	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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