



# AAGWa Crop Production Forecasts Brief Series

## Niger – Groundnut

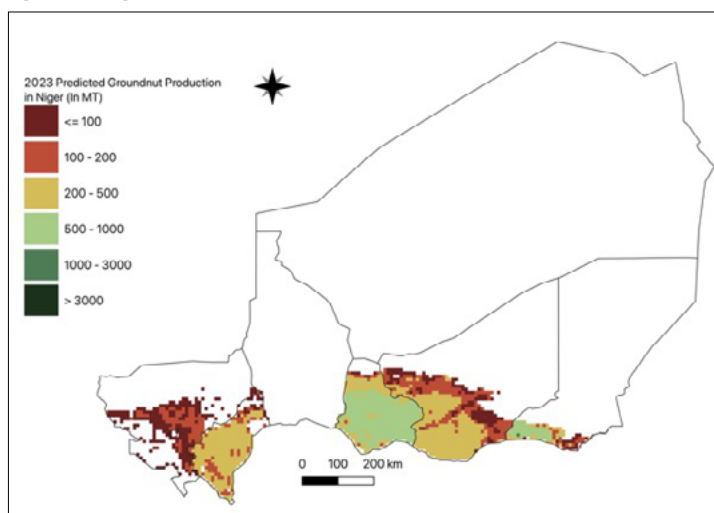
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The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability, 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 69, we provide forecasts on groundnut production in Niger.

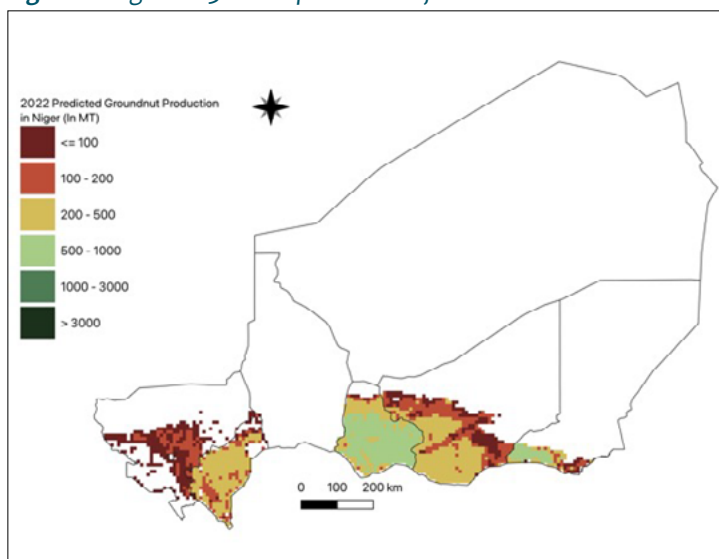
In 2023, groundnut production in Niger is projected to reach 516,896 metric tons (MT), which corresponds to a 6% increase over 2022 production levels. However, the highest groundnut production levels are expected in the Southeastern and Southern departments, particularly in Dakoro (Maradi), Maïné-Soroa (Diffa), Mayahi (Maradi), Mirriah (Zinder), Tessaoua (Maradi), and Groumdji (Maradi) with production volumes estimated at 72,358 MT, 51,848 MT, 46,097 MT, 39,382 MT, 36,603 MT, and 32,508 MT, respectively.

**Figure 1. Niger 2023 beans production forecast.**



Data Source: Africa Agriculture Watch ([www.aagwa.org](http://www.aagwa.org)).

**Figure 2. Niger 2022 beans production forecast.**



Data Source: Africa Agriculture Watch ([www.aagwa.org](http://www.aagwa.org)).

In comparison, lower production values are observed in Illéla (Tahoua), Niamey, Bkonni (Tahoua), Bouza (Tahoua), Madaoua (Tahoua), and Tillabéry, with production levels reaching only 33 MT, 112 MT, 138 MT, 246 MT, 582 MT, and 921 MT, respectively.

Moreover, the most significant groundnut production increases in 2023 are expected to occur in Dakoro, Maïné-Soroa, Mayahi, Mirriah, and Tessaoua, with differences of, 3,614 MT, 2,850 MT, 2,429 MT, 2,126 MT, and 1,912 MT, respectively. These correspond to changes of, respectively, 5%, 6%, 6%, 6%, and 6%.

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## Annex – 2023 Niger Groundnut Production Forecast at Department level

Regions	Departments	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Diffa	Diffa	2072	1877	195	10%
Diffa	Mainé-Soroa	51848	48998	2850	6%
Dosso	Boboye	14035	12991	1043	8%
Dosso	Dogon-Doutchi	22096	20834	1262	6%
Dosso	Dosso	26749	25150	1598	6%
Dosso	Gaya	11358	10601	757	7%
Dosso	Loga	13995	13322	673	5%
Maradi	Aguié	18911	17926	985	5%
Maradi	Dakoro	72358	68744	3614	5%
Maradi	Groumdji	32508	30812	1696	6%
Maradi	Madarounfa	19844	18816	1028	5%
Maradi	Mayahi	46097	43668	2429	6%
Maradi	Tessaoua	36603	34692	1912	6%
Niamey	Niamey	112	83	29	35%
Tahoua	Bkonni	138	122	16	13%
Tahoua	Bouza	246	235	11	5%
Tahoua	Illéla	33	27	7	26%
Tahoua	Madaoua	582	552	31	6%
Tillabéry	Filingué	2772	2457	315	13%
Tillabéry	Kollo	7078	6292	786	12%
Tillabéry	Ouallam	4304	3890	414	11%
Tillabéry	Say	1970	1416	554	39%
Tillabéry	Téra	2246	1842	405	22%
Tillabéry	Tillabéry	921	790	131	17%
Zinder	Gouré	24513	22687	1827	8%
Zinder	Magaria	25567	24003	1564	7%
Zinder	Matameye	7611	7172	439	6%
Zinder	Mirriah	39382	37256	2126	6%
Zinder	Tanout	30947	29719	1228	4%
Total		516896	486972	29924	6%

**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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