

AAGWa Crop Production Forecasts Brief Series

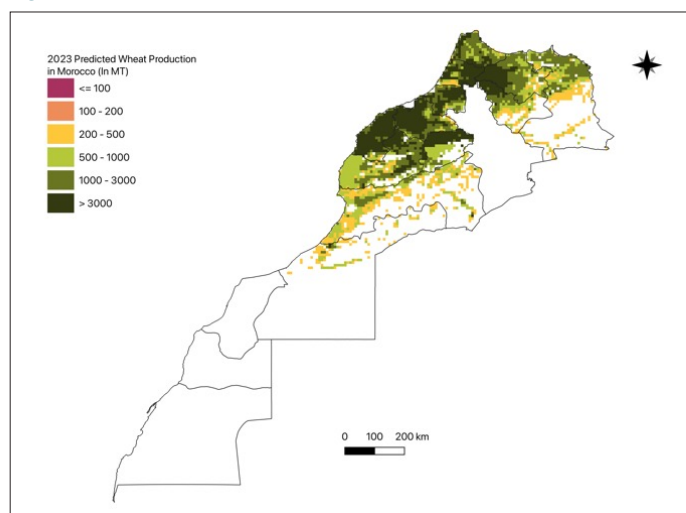
Morocco – Wheat

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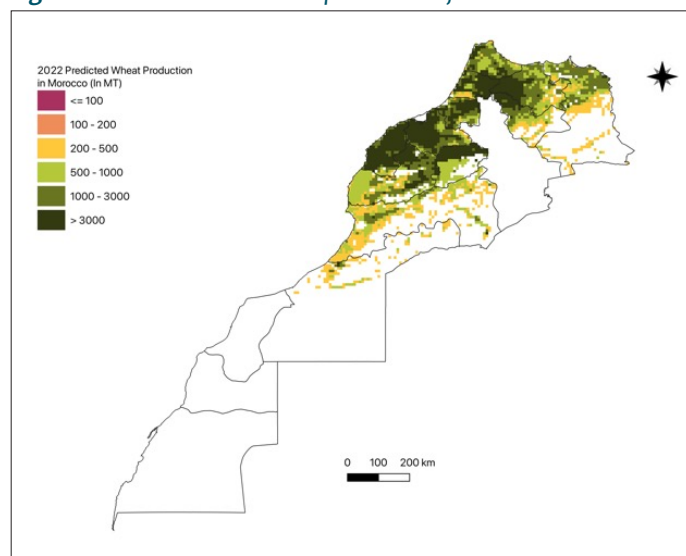
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow 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

Figure 1. Morocco 2023 wheat production forecast.



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

Figure 2. Morocco 2022 wheat production forecast.



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

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 77, we provide forecasts on wheat production in Morocco.

In 2023, wheat production in Morocco is expected to reach 6,200,449 metric tons (MT), which corresponds to a 3% increase over 2022 production levels. The highest wheat production levels are expected in areas such as, Settât (Chaouia - Ouardigha), Béni Mellal (Tadla - Azilal), Sidi Kacem (Gharb - Charrada - Béni Hssen), Taounate (Taza - Al Hoceima - Taounate), El Jadida (Doukkala - Abda), and El Kelaâ des Sraghna (Marrakech - Tensift - Al Haouz), with production levels estimated at respectively, 526,880 MT, 526,642 MT, 445,328 MT, 430,315 MT, 419,103 MT, and 400,968 MT.

In contrast, the production is projected to be lowest in areas including Errachidia (Meknès - Tafilalet), Tan-Tan (Guelmim - Es-Semara), Inezgane-Aït Melloul (Souss - Massa - Draâ), Zagora (Souss - Massa - Draâ), Casablanca (Grand Casablanca), and Khénifra (Meknès - Tafilalet) with levels of respectively, 479 MT, 2,190 MT, 2,195 MT, 2,506 MT, 8,206 MT, and 12,988 MT.

Moreover, the most significant wheat production increases in 2023 are expected to occur in areas including Khémisset (Rabat - Salé - Zemmour - Zaer), Taza (Taza - Al Hoceima - Taounate), Chefchaouen (Tanger - Tétouan), Tétouan, Larache (Tanger - Tétouan), Kénitra (Gharb - Charrada - Béni Hssen), and Al Hoceima (Taza - Al Hoceima - Taounate), with differences of respectively, 28,618 MT, 23,101 MT, 22,862 MT, 16,731 MT, 12,573 MT, 11,984 MT, and 9,776 MT. These represent changes of respectively, 9%, 11%, 13%, 40%, 20%, 4%, and 16%.

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Annex – 2023 Morocco Wheat Production Forecast at District level

Regions	Prefectures	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Chaouia - Ouardigha	Ben Slimane	132316	128026	4291	3%
Chaouia - Ouardigha	Khouribga	120462	112360	8102	7%
Chaouia - Ouardigha	Settat	526880	531436	-4555	-1%
Doukkala – Abda	El Jadida	419103	430695	-11591	-3%
Doukkala – Abda	Safi	293413	307125	-13712	-4%
Fès – Boulemane	Boulemane	75587	70978	4609	6%
Fès – Boulemane	Fès	32365	31340	1026	3%
Fès – Boulemane	Sefrou	108046	102212	5834	6%
Fès – Boulemane	Zouagha-Moulay Yacoub	100841	94531	6310	7%
Gharb - Chrarda - Béni Hssen	Kénitra	324919	312935	11984	4%
Gharb - Chrarda - Béni Hssen	Sidi Kacem	445328	450547	-5219	-1%
Grand Casablanca	Casablanca	8206	8254	-48	-1%
Guelmim - Es-Semara	Assa-Zag	13738	11573	2165	19%
Guelmim - Es-Semara	Guelmim	32623	30443	2180	7%
Guelmim - Es-Semara	Tan-Tan	2190	1723	466	27%
Guelmim - Es-Semara	Tata	18099	15708	2390	15%
Marrakech - Tensift - Al Haouz	Al Haouz	115899	116701	-801	-1%
Marrakech - Tensift - Al Haouz	Chichaoua	95598	92674	2924	3%
Marrakech - Tensift - Al Haouz	El Kelaâ des Sraghna	400968	419032	-18064	-4%
Marrakech - Tensift - Al Haouz	Essaouira	62318	60649	1669	3%
Marrakech - Tensift - Al Haouz	Marrakech	22061	20995	1066	5%
Meknès – Tafilalet	Errachidia	479	425	54	13%
Meknès – Tafilalet	Khénifra	12988	13690	-702	-5%
Meknès – Tafilalet	Meknès	33522	31966	1556	5%
Oriental	Berkane Taourirt	85749	83356	2393	3%
Oriental	Figuig	28524	24432	4092	17%
Oriental	Jerada	73446	70799	2648	4%
Oriental	Nador	85178	80532	4646	6%
Oriental	Oujda Angad	47171	46345	826	2%
Rabat - Salé - Zemmour – Zaer	Khémisset	358509	329891	28618	9%
Rabat - Salé - Zemmour - Zaer	Salé	22045	18061	3985	22%
Rabat - Salé - Zemmour - Zaer	Skhirate-Témara	58537	54600	3938	7%
Souss - Massa - Draâ	Agadir-Ida ou Tanane	18204	17498	706	4%
Souss - Massa - Draâ	Chtouka-Aït Baha	16820	15750	1070	7%
Souss - Massa - Draâ	Inezgane-Aït Melloul	2195	2075	120	6%
Souss - Massa - Draâ	Ouarzazate	115576	106493	9083	9%
Souss - Massa - Draâ	Taroudannt	91330	88721	2609	3%
Souss - Massa - Draâ	Tiznit	41448	36399	5049	14%
Souss - Massa - Draâ	Zagora	2506	2442	64	3%
Tadla – Azilal	Azilal	76895	74238	2658	4%



Tadla – Azilal	Béni Mellal	526642	528235	-1593	0%
Tanger – Tétouan	Chefchaouen	196306	173444	22862	13%
Tanger – Tétouan	Fahs Anjra	21543	14726	6817	46%
Tanger – Tétouan	Larache	75047	62474	12573	20%
Tanger – Tétouan	Tanger-Assilah	61004	51859	9145	18%
Tanger – Tétouan	Tétouan	58338	41607	16731	40%
Taza - Al Hoceima - Taounate	Al Hoceïma	70485	60709	9776	16%
Taza - Al Hoceima - Taounate	Taounate	430315	428983	1332	0%
Taza - Al Hoceima - Taounate	Taza	238687	215586	23101	11%
Total		6200449	6025268	175181	3%

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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