



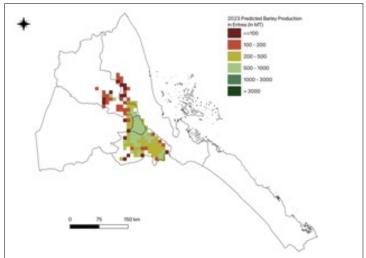
AAgWa Crop Production Forecasts Brief Series Eritrea – Barley

Aissatou Ndoye*, Mansour Dia**, and Khadim Dia***

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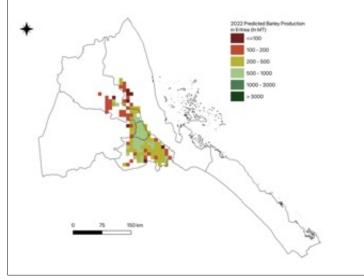
he crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAgWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow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





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





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(Al-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 86, we provide forecasts on Barley production in Eritrea.

In 2023, Barley production in Eritrea is projected to reach 55,825 metric tons (MT), indicating a 6% increase over 2022 production levels. The most significant production levels are expected in areas such as Dibarwa (Debub), Serejeka (Maekel), Mendefera (Debub), and Dekemehare (Debub), with production levels estimated at 5,341 MT, 4,731 MT, 4,623 MT, and 4,389 MT, respectively. In comparison, lower production volumes are observed in Mansura (Gash Barka), Keren (Anseba), Asmat (Anseba), May Mine (Debub), and Hagaz (Anseba) with production levels reaching only, 55 MT, 225 MT, 353 MT, 357 MT, and 458 MT, respectively.

Moreover, the most significant Barley production increases in 2023 are expected to occur in Senafe (Debub), Dekemehare, Dibarwa, Mendefera, and Serejeka with differences of respectively, 839 MT, 585 MT, 512 MT, 477 MT, and 439 MT. These correspond to changes of, respectively, 36%, 15%, 11%, 11%, and 10%.

^{*}Associate Scientist, Department of Data Management, Digital Products, and Technology, AKADEMIYA2063

^{**} Associate Scientist, Department of Data Management, Digital Products, and Technology, AKADEMIYA2063

^{***}Senior Associate Scientist, Department of Data Management, Digital Products, and Technology, AKADEMIYA2063



Annex – 2023	Eritrea Barley Production Forecast at District level	
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Anseba Asmat 353 476 -123 -22 Anseba Elabered 1698 1875 -177 - Anseba Gheleb 975 1135 -160 -2 Anseba Hagaz 458 618 -160 -2 Anseba Halnal 1884 2193 -309 -4 Anseba Halnal 1884 2193 -309 -4 Anseba Keren 225 299 -74 -2 Debub Adi Kwala 2529 2281 247 -2 Debub Adi Kwala 2529 2281 247 -2 Debub Adi Kwala 2529 2281 247 -2 Debub Areza 2146 2248 -102 -2 Debub Dekemehare 4389 3804 585 -4 Debub Kudo Bu'er 761 688 73 -2 Debub Mandefera 4623 4146 477 -2 Debub Senafe 3194	Regions	Sub-Regions	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Anseba Elabered 1698 177 177 Anseba Gheleb 975 1135 1-60 1-47 Anseba Hagaz 458 618 1-60 22 Anseba Hallal 1884 2193 -309 1-4 Anseba Halhal 1884 2193 -309 1-4 Anseba Keren 225 299 -74 -22 Debub Adi Keyih 2524 2273 251 -27 Debub Adi Kwala 2529 2281 247 -27 Debub Areza 2146 2248 -102 -102 Debub Areza 2146 2248 -102 -102 Debub Dekemehare 4389 3804 585 102 Debub May Mine 357 523 -166 -3 Debub Mendefera 4623 4146 477 -24 Debub Segeneyiti 3359 3118 240 -14 Debub Senafe 3194 <td>Anseba</td> <td>Adi Teklezan</td> <td>2437</td> <td>2204</td> <td>232</td> <td>11%</td>	Anseba	Adi Teklezan	2437	2204	232	11%
Anseba Gheleb 97 1135 1160 41 Anseba Hagaz 458 618 160 22 Anseba Halhal 1884 2193 -309 -4 Anseba Keren 225 299 -74 -2 Debub Adi Keyih 2524 2273 251 -2 Debub Adi Kwala 2529 2281 247 -2 Debub Areza 2146 2248 -102 -2 Debub Dekemehare 4389 3804 585 -102 Debub Dekemehare 4389 3804 585 -102 Debub Dekemehare 4389 3804 585 -102 Debub Mary Mine 357 523 -166 -2 Debub Mandefera 4623 4146 477 -2 Debub Senafe 3194 2355 839 -3 Debub Senafe 3194 2355 839 -3 Debub Senafe <td< td=""><td>Anseba</td><td>Asmat</td><td>353</td><td>476</td><td>-123</td><td>-26%</td></td<>	Anseba	Asmat	353	476	-123	-26%
Anseba Hagaz 458 618 -160 -2 Anseba Halhal 1884 2193 -309 -1 Anseba Keren 225 299 -74 -2 Debub Adi Keyih 2524 2273 251 -2 Debub Adi Kwala 2529 2281 247 -2 Debub Areza 2146 2248 -102 -2 Debub Dekemehare 4389 3804 585 -1 Debub May Mine 357 523 -166 -3 Debub Mangereriti 3359 3118 240 -24 Debub Senafe 3194 2355 839 3 Debub Senafe 3194 2355 839 -3 Gash Barka Logo Anseba	Anseba	Elabered	1698	1875	-177	-9%
Anseba Halhal 184 2193 -309 -4 Anseba Keren 225 299 -74 -2 Debub Adi Keyih 2524 2273 251 -2 Debub Adi Kwala 2529 2281 247 -2 Debub Adi Kwala 2529 2281 247 -2 Debub Areza 2146 2248 -102 -2 Debub Areza 2146 2248 -102 -2 Debub Areza 2146 2248 -102 -2 Debub Merea 5341 4829 512 -2 Debub Kudo Bu'er 761 688 73 -2 Debub May Mine 357 523 -166 -3 Debub Mendefera 4623 4146 477 -2 Debub Segeneyiti 3359 3118 240 -28 Gash Barka Logo Anseba 2718 2746 -28 -28 Gash Barka Mansura	Anseba	Gheleb	975	1135	-160	-14%
Anseba Keren 22 299 -74 -22 Debub Adi Keyih 2524 2273 251 -27 Debub Adi Kwala 2529 2281 247 -27 Debub Adi Kwala 2529 2281 247 -27 Debub Areza 2146 2248 -102 -7 Debub Areza 2146 2248 -102 -7 Debub Dekemehare 4389 3804 585 -1 Debub Dibarwa 5341 4829 512 -7 Debub Kudo Bu`er 761 688 73 -7 Debub May Mine 357 523 -166 -3 Debub Medefera 4623 4146 477 -7 Debub Segeneyiti 3359 3118 240 -7 Debub Senafe 3194 2355 839 33 Gash Barka Logo Anse	Anseba	Hagaz	458	618	-160	-26%
Debub Adi Keyih 2524 2273 251 Debub Adi Kwala 2529 2281 247 247 Debub Areza 2146 2248 -102 247 Debub Areza 2146 2248 -102 247 Debub Dekemehare 4389 3804 585 14 Debub Dibarwa 5341 4829 512 247 Debub Dibarwa 5341 4829 512 248 Debub Kudo Bu`er 761 688 73 253 -166 -33 Debub May Mine 357 523 -166 -33 240 3359 3118 240 3359 3118 240 3359 3318 240 3359 3318 240 3359 3318 240 3359 3318 240 3359 3318 240 3359 3318 240 3359 3318 240 34 34	Anseba	Halhal	1884	2193	-309	-14%
Debub Adi Kwala 2529 2281 247 Debub Areza 2146 2248 -102	Anseba	Keren	225	299	-74	-25%
Debub Areza 2146 2248 -102 -102 Debub Dekemehare 4389 3804 585 1 Debub Dibarwa 5341 4829 512 1 Debub Dibarwa 5341 4829 512 1 Debub Kudo Bu'er 761 688 73 1 Debub May Mine 357 523 -166 -3 Debub Mendefera 4623 4146 477 1 Debub Segeneyiti 3359 3118 240 1 Debub Segeneyiti 3359 3118 240 1 Debub Segeneyiti 3359 3118 240 1 Debub Senafe 3194 2355 839 3 Debub Senafe 3194 2355 839 3 Gash Barka Logo Anseba 2718 2746 -28 1 Maekel Ghala Nefhi<	Debub	Adi Keyih	2524	2273	251	11%
Debub Dekemehare 4389 3804 585 1 Debub Dibarwa 5341 4829 512 1 Debub Kudo Bu'er 761 688 73 1 Debub May Mine 357 523 166 -3 Debub May Mine 357 523 166 -3 Debub Mendefera 4623 4146 477 -3 Debub Segeneyiti 3359 3118 240 -3 Debub Segeneyiti 3359 3118 240 -3 Debub Segeneyiti 3359 3118 240 -3 Debub Senafe 3194 2355 839 3 Debub Senafe 3194 2355 839 3 Gash Barka Logo Anseba 2718 2746 -28 -28 Maekel Berikh 2511 2171 340 1 Maekel Serejeka<	Debub	Adi Kwala	2529	2281	247	11%
Debub Dibarwa 5341 4829 512 Debub Kudo Bu'er 761 688 73 73 Debub May Mine 357 523 -166 -33 Debub Mendefera 4623 4146 477 -4 Debub Mendefera 4623 4146 477 -4 Debub Segeneyiti 3359 3118 240 - Debub Segeneyiti 3359 3118 240 - Debub Senafe 3194 2355 839 33 Debub Senafe 3194 2355 839 33 Debub Tsorena 1908 1648 260 14 Gash Barka Logo Anseba 2718 2746 -28 -28 Gash Barka Mansura 55 92 -37 -4 Maekel Ghala Nefhi 3585 3161 424 14 Maekel Serejeka	Debub	Areza	2146	2248	-102	-5%
DebubKudo Bu'er76168873DebubMay Mine357523-166-3DebubMendefera46234146477-3DebubSegeneyiti33593118240-3DebubSegeneyiti33593118240-3DebubSenafe319423558393DebubSenafe319423558393DebubSenafe319423558393DebubTsorena190816482601Gash BarkaLogo Anseba27182746-28Gash BarkaMansura5592-37-4MaekelBerikh251121713401MaekelGhala Nefhi358531614241MaekelSerejeka473142924391Semenawi Keyih BahriAfabet10391157-118-1Semenawi Keyih BahriNakfa7011053-352-3Semenawi Keyih BahriSheib864991-127-4	Debub	Dekemehare	4389	3804	585	15%
Debub May Mine 357 523 -166 -37 Debub Mendefera 4623 4146 477 -4 Debub Segeneyiti 3359 3118 240 - Debub Segeneyiti 3359 3118 240 - - Debub Senafe 3194 2355 839 33 - - Debub Senafe 3194 2355 839 - <td>Debub</td> <td>Dibarwa</td> <td>5341</td> <td>4829</td> <td>512</td> <td>11%</td>	Debub	Dibarwa	5341	4829	512	11%
DebubMendefera46234146477DebubSegeneyiti33593118240DebubSenafe319423558393DebubSenafe319423558393DebubTsorena190816482601Gash BarkaLogo Anseba27182746-28Gash BarkaMansura5592-37-4MaekelBerikh251121713401MaekelGhala Nefhi358531614241MaekelSerejeka473142924391Semenawi Keyih BahriAfabet10391157-118-1Semenawi Keyih BahriNakfa7011053-352-3Semenawi Keyih BahriSheib864991-127-4	Debub	Kudo Bu`er	761	688	73	11%
DebubSegeneyiti33593118240DebubSenafe319423558393DebubTsorena190816482601Gash BarkaLogo Anseba27182746-28Gash BarkaMansura5592-37-4MaekelBerikh251121713401MaekelGhala Nefhi358531614241MaekelSerejeka473142924391Semenawi Keyih BahriAfabet10391157-118-1Semenawi Keyih BahriNakfa7011053-352-3Semenawi Keyih BahriSheib864991-127-4	Debub	May Mine	357	523	-166	-32%
DebubSenafe319423558393DebubTsorena190816482601Gash BarkaLogo Anseba27182746-28Gash BarkaMansura5592-37-4MaekelBerikh251121713401MaekelGhala Nefhi358531614241MaekelSerejeka473142924391Semenawi Keyih BahriAfabet10391157-118-1Semenawi Keyih BahriNakfa7011053-352-3Semenawi Keyih BahriSheib864991-127-1	Debub	Mendefera	4623	4146	477	11%
DebubTsorena190816482601Gash BarkaLogo Anseba27182746-28Gash BarkaMansura5592-37-4MaekelBerikh251121713401MaekelGhala Nefhi358531614241MaekelSerejeka473142924391Semenawi Keyih BahriAfabet10391157-118-1Semenawi Keyih BahriNakfa7011053-352-3Semenawi Keyih BahriSheib864991-127-4	Debub	Segeneyiti	3359	3118	240	8%
Gash BarkaLogo Anseba27182746-28Gash BarkaMansura5592-37-4MaekelBerikh251121713401MaekelGhala Nefhi358531614241MaekelSerejeka473142924391Semenawi Keyih BahriAfabet10391157-118-1Semenawi Keyih BahriGhida`e460498-38-352-35Semenawi Keyih BahriNakfa7011053-352-35-35Semenawi Keyih BahriSheib864991-127-1-1	Debub	Senafe	3194	2355	839	36%
Gash BarkaMansura5592-37-4MaekelBerikh251121713401MaekelGhala Nefhi358531614241MaekelSerejeka473142924391Semenawi Keyih BahriAfabet10391157-118-1Semenawi Keyih BahriGhida`e460498-38-35Semenawi Keyih BahriNakfa7011053-352-35Semenawi Keyih BahriSheib864991-127-1	Debub	Tsorena	1908	1648	260	16%
MaekelBerikh251121713401MaekelGhala Nefhi358531614241MaekelSerejeka473142924391Semenawi Keyih BahriAfabet10391157-118-1Semenawi Keyih BahriGhida`e460498-38-352-33Semenawi Keyih BahriNakfa7011053-352-33Semenawi Keyih BahriSheib864991-127-1	Gash Barka	Logo Anseba	2718	2746	-28	-1%
MaekelGhala Nefhi358531614241MaekelSerejeka473142924391Semenawi Keyih BahriAfabet10391157-118-1Semenawi Keyih BahriGhida`e460498-38-Semenawi Keyih BahriNakfa7011053-352-3Semenawi Keyih BahriSheib864991-127-1	Gash Barka	Mansura	55	92	-37	-40%
MaekelSerejeka473142924391Semenawi Keyih BahriAfabet10391157-118-1Semenawi Keyih BahriGhida`e460498-38-Semenawi Keyih BahriNakfa7011053-352-3Semenawi Keyih BahriSheib864991-127-1	Maekel	Berikh	2511	2171	340	16%
Semenawi Keyih BahriAfabet10391157-118-1Semenawi Keyih BahriGhida`e460498-38-Semenawi Keyih BahriNakfa7011053-352-3Semenawi Keyih BahriSheib864991-127-1	Maekel	Ghala Nefhi	3585	3161	424	13%
Semenawi Keyih BahriGhida`e460498-38Semenawi Keyih BahriNakfa7011053-352-3Semenawi Keyih BahriSheib864991-127-1	Maekel	Serejeka	4731	4292	439	10%
Semenawi Keyih BahriNakfa7011053-352-3Semenawi Keyih BahriSheib864991-127-1	Semenawi Keyih Bahri	Afabet	1039	1157	-118	-10%
Semenawi Keyih Bahri Sheib 864 991 -127 -1	Semenawi Keyih Bahri	Ghida`e	460	498	-38	-8%
	Semenawi Keyih Bahri	Nakfa	701	1053	-352	-33%
Total 55825 52876 2949	Semenawi Keyih Bahri	Sheib	864	991	-127	-13%
	Total		55825	52876	2949	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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