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 87, we provide forecasts on maize production in Eritrea.

In 2023, maize production in Eritrea is projected to reach 29,728 metric tons (MT), indicating a 19% increase over 2022 production levels. The most significant production levels are expected in the Southern part of the country, particularly in Shemboko (Gash Barka), Tsorena (Debub), Dibarwa (Debub), Serejeka (Maekel), Dekemehare (Debub), Mansura (Gash Barka), and Mendefera (Debub), with production levels estimated at 1,959 MT, 1,619 MT, 1,610 MT, 1,581 MT, 1,527 MT, 1,519 MT, and 1,375 MT, respectively. In comparison, lower production volumes are observed in cities such as Forto (Gash Barka), Ghelaelo’ (Semenawi Keyih Bahri), Dghe (Gash Barka), Barentu (Gash Barka), Kerke Bet (Anseba), and Gheleb (Anseba), with production levels reaching only, 10 MT, 12 MT, 46 MT, 74 MT, 80 MT, and 103 MT, respectively.

Moreover, the most significant maize production increases in 2023 are expected to occur in Dibarwa, Mendefera, Serejeka, Dekemehare, and Shemboko (Gash Barka), with differences reaching, 513 MT, 463 MT, 460 MT, 450 MT, and 428 MT. These correspond to changes of, respectively, 47%, 51%, 41%, 42%, and 28%.

**Figure 1. Eritrea 2023 maize production forecast.**

**Figure 2. Eritrea 2022 maize production forecast.**

*Data Source: Africa Agriculture Watch (www.aagwa.org).*
<table>
<thead>
<tr>
<th>Regions</th>
<th>Sub-Regions</th>
<th>2023 Production (MT)</th>
<th>2022 Production (MT)</th>
<th>Difference (MT)</th>
<th>Change (%)</th>
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<td>2023 Prod</td>
<td>Change</td>
<td>% Change</td>
</tr>
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<td>2,5082</td>
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</tbody>
</table>

**MT (Metric tons):** 1 MT is equivalent to 1,000 kilograms.

**Change:** refers to the relative difference and is calculated as \((2023 \text{ prod} - 2022 \text{ prod}) \div 2022 \text{prod}.

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