

Togo dossier summary

Water, climate, fertilisers and crops. The essentials of the 24-page dossier.

Key figures

Figure	What it means
+1,074 t	Of extra maize per 10,000 ha treated, central scenario (537 to 2,148 t depending on the scenario).
+570 t	Of extra soybean per 10,000 ha treated, central scenario.
804 000 ha	Of maize harvested in 2024, the main crop; 282 000 ha of soybean.
7,860 ha	Only equipped for irrigation (FAOSTAT): Almost every harvest depends on rain.
11.7 Mm³	Irrigation water saved per year in the central scenario, enough to irrigate about 1,214 more ha.
226 000 ha	Of certified organic cropland in 2025 (FAOSTAT): ECOFERT® is EU Bio certified.
33,664 t	Mineral nitrogen used in 2024, all imported.

M = million · Mm³ = million cubic metres · t = tonnes. The gains are scenarios built from the trials cited; no trial has yet been conducted in Togo.

Our products

Green Solutions develops products for water, fertilisation and crop protection. Four families are of interest to this dossier.

Product	Claimed use	Published evidence (level)
EVERGREEN® (water-retention polymer)	Holds rain water as a gel, near the roots.	Trials on maize, potato, watermelon, date palm and soybean. Level B to C.
ECOSORB® (water-retention polymer based on corn starch)	Same use; lasting 2 to 3 years according to the website.	Soybean trial (China); laboratory acrylamide analysis. Level B to C.
ECOFERT® (fertiliser)	Fertiliser certified by SOHISCERT and EU Bio, usable in organic farming.	Published certificate; potato trial with EVERGREEN®. Levels A and C.
Paulownia ALTIFOLIA®	Fast-growing tree for agroforestry.	Website figures; no trial in Togo. Level C.

Key points

- **A rain-fed agriculture.** 7,860 ha equipped for irrigation: The main stake is to keep the water of each rain near the roots.
- **Water is short between two rains.** National water stress is only 3.4%, but Dapaong gets 738 mm of rain for 2,010 mm of evapotranspiration.
- **Maize and soybean first.** They are the two crops where a published trial makes it possible to quantify a yield gain.
- **An organic chain already in place.** 225,720 ha certified organic, mostly for soybean.
- **Importing into Togo.** 5% customs duty (ECOWAS tariff), 2.5% of levies in total, 18% VAT; fertiliser registration under Regulation C/REG.13/12/12.

The regions at a glance

Region (city)	Rainfall (mm/yr)	Deficit (mm/yr)	Temperature (°C)
Maritime (Lomé)	1,010	448	26.7
Plateaux, west (Kpalimé)	1,517	-147	26.1
Plateaux, east (Atakpamé)	1,140	355	25.9
Centrale (Sokodé)	1,514	92	26.1
Kara (Kara)	1,357	329	26.7
Savanes (Dapaong)	738	1,272	27.8

How to read the figures

Each figure refers to a source with a confidence level. A: Official statistics or international database (World Bank, FAO, ECOWAS). B: Research institute, laboratory or public body outside statistics. C: Manufacturer statement, website, press or estimate. The sources are listed in Annex A of the dossier.

Extra production per 10,000 ha treated

Crop	Average yield (t/ha)	Cautious (t)	Central (t)	High (t)
Maize	1.26	537	1,074	2,148
Soybean	1.01	285	570	1,141

Trade

- **First products exported.** Cocoa ($88 million), soybean cake and cotton lint, out of $466 million of agricultural exports in 2024.
- **Main imports.** Palm oil, rice ($74 million), sugar and wheat, out of $467 million of agricultural imports.

Full dossier: 24 pages, with the sources (Annex A) and the calculation method (Annex B). Green Solutions · contact@green-solutions-group.com · green-solutions-group.com