

Greece dossier summary

Water, climate, fertilisers and crops. The essentials of the 25-page dossier.

Key figures

Figure	What it means
840,620 ha	Of olives harvested in 2023, the main crop (FAOSTAT).
2,001,000 ha	Equipped for irrigation, for 2,888,000 ha of cropland (FAOSTAT).
906.0 Mm³	Irrigation water saved per year in the central scenario, enough to irrigate about 224,226 more ha.
195,817 t	Mineral nitrogen used in 2024, all imported.
10,625 M$	Of agricultural exports in 2024, for $10,835 million of imports (FAOSTAT).

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

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 or irrigation 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 Greece. Level C.

Key points

- **Irrigation, a pillar of production.** 2,001,000 ha equipped for irrigation, or 69.3% of cropland: Every cubic metre saved frees water for other plots.
- **Where water is shortest.** National water stress is 20.3%; Heraklion gets 488 mm of rain for 1,377 mm of evapotranspiration.

- **In irrigation.** The "other irrigated land" group gives 57% of the water saved (generic assumption, no trial).
- **Importing into Greece.** European Union common tariff of 0 to 6.5% for subheading 3906.90; 24% standard VAT; CE marking possible (Regulation 2019/1009), polymer biodegradability criteria from 17 October 2028.

The regions at a glance

Region (city)	Rainfall (mm/yr)	Deficit (mm/yr)	Temperature (°C)
East Macedonia and Thrace (Komotini)	574	568	14.7
Central Macedonia (Thessaloniki)	489	601	15.0
Western Macedonia (Kozani)	526	442	11.7
Epirus (Ioannina)	902	197	15.0
Thessaly (Larissa)	478	712	16.1
Central Greece (Lamia)	518	621	14.9
Western Greece (Patras)	684	427	14.1
Ionian Islands (Corfu)	1,020	208	18.0
Attica (Athens)	477	863	17.6
Peloponnese (Kalamata)	660	598	17.9
Crete (Heraklion)	488	889	18.9
South Aegean (Naxos)	442	836	18.5
North Aegean (Mytilene)	593	674	17.1

How to read the figures

Each figure refers to a source with a confidence level. A: Official statistics or international database (World Bank, FAO, Greek public bodies (ELSTAT, Ministry of Rural Development and Food, AADE tax authority) and the European Union). 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.

Water saved by scenario

Scenario	Water (Mm³/yr)	Extra hectares
Cautious	453.0	112,113
Central	906.0	224,226
High	1,812.0	448,452

Trade

- **First products exported.** Cheese from whole cow milk, olive oil and cotton lint, ginned, out of $10,625 million of agricultural exports in 2024.
- **Main imports.** Cheese from whole cow milk, meat of cattle with the bone, fresh or chilled and meat of pig with the bone, fresh or chilled, out of $10,835 million of agricultural imports.

Full dossier: 25 pages, with the sources (Annex A) and the calculation method (Annex B). Green Solutions · contact@green-solutions-group.com · green-solutions-group.com