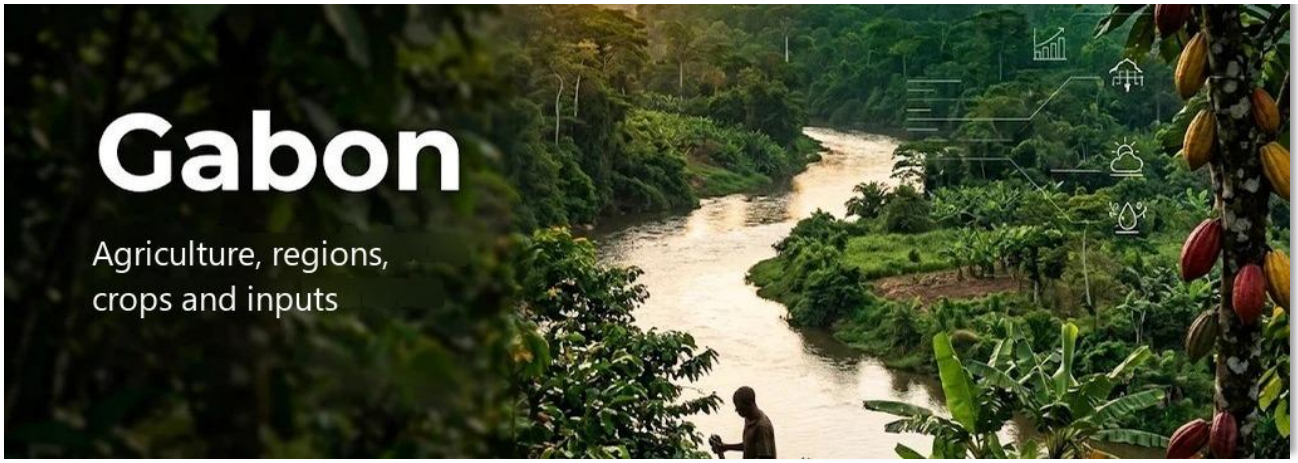


Gabon dossier summary

Agriculture, climate, fertilisers and crops. The essentials of the 21-page dossier.

Gabon is a country of forests (91% of the territory) and cities (92% of the population). Its cultivated land is scarce: 1.3% of the territory. Agriculture must therefore produce more on limited land and better withstand the dry season.

Key figures

Figure	What it means
3.52 M	Residents according to the 2026 census, validated by the Cour constitutionnelle (press). World Bank estimate for 2025: 2.59 M.
92%	Of the population lives in urban areas, mainly in Estuaire and Libreville (World Bank, 2025).
1.3%	Of the territory is arable land; forest covers 91.4% (World Bank, 2024).
6.8%	Of GDP comes from agriculture, which provides 28.9% of employment (World Bank, 2025).
1 mm	Of rainfall in July in Libreville: The dry season runs from June to August, then October and November receive 360 and 415 mm.
306,000 t	Of cassava produced in 2024, the leading food crop (FAO).
50 kg	Of fertiliser nutrients per hectare of arable land (World Bank, 2024).

Five messages

- **A country of forests and cities.** Cultivated land is scarce, and food demand is concentrated in cities, especially Libreville.
- **Rainfall is plentiful, but poorly distributed.** June, July and August receive very little rainfall (40, 1 and 11 mm in Libreville). Heavy rain in October and November leaches soils and fertilisers.
- **Soils that retain water poorly.** Soils on the plateaus and coast are often sandy or ferralitic, acidic and low in organic matter.
- **Main crops.** Cassava, yam, sugar cane and oil palm. Palm oil increased from 6,300 t in 2000 to 146,800 t in 2023.
- **Fertilisers.** They are little used on small plots. According to the press, a ministerial order exempts agricultural inputs from import duties.

Our products

Product	Purpose	Use in Gabon
ECOSORB®	Maize-starch-based water-retaining agent: Around 300 times its weight in water, active for 2 to 3 years.	Retains water close to the roots during the dry season, at planting or establishment.
ECOFERT®	Organic liquid fertiliser in microdoses, certified SOHISCERT and EU Bio.	Nourishes crops without leaching, by spraying or fertigation.
EVERGREEN®	Potassium-based water-retaining agent, sodium-free, active for 3 to 4 years.	Perennial crops, plantations and lawns.
NAPEMA®	Crop protection without synthetic molecules, preventive and curative.	Diseases, pests and fungi.
Water Vital®	Restructures irrigation water.	Irrigation networks, with our water-retaining agents.

Value chains

- **Food crops.** Cassava, yam, maize and plantain, grown mainly on small rainfed plots. Cereal yield is 1,587 kg/ha (2024).
- **Industrial plantations.** Oil palm in Mouila (Ngounié, 43,922 ha) and Makouké (Moyen-Ogooué), sugar cane and rubber: Homogeneous blocks, easy to monitor.
- **Peri-urban market gardening.** Around Libreville, fresh vegetable production that statistics barely measure (346 t of tomatoes in 2024).

Our proposal: A trial at two sites

- **The sites.** Libreville (Estuaire) and Oyem (Woleu-Ntem), for one season, from May to October.
- **The set-up.** Four treatments: Control, ECOFERT® alone, ECOSORB® alone, ECOSORB® and ECOFERT® together. Four replicates, i.e. 16 plots per site.
- **Measurements.** Plant establishment, soil moisture, harvested yield, irrigation water and working time, with a soil analysis before and after.
- **Schedule.** Protocol approved at the end of January, plots established at the end of April, measurements through October, final report in December.

Full dossier: 21 pages, including sources (Annex A) and methodology (Annex B). Green Solutions · contact@green-solutions-group.com · green-solutions-group.com