

Revitalise your soil
...Naturally



Bacteriosol

Enhance Soil Fertility, Reduce Inputs,
and Promote Sustainable Farming

www.agrassure.com

What is Bacteriosol?

Bacteriosol is a 100% natural soil amendment developed by Marcel Mézy Technologies. It enhances soil fertility by stimulating natural microbial activity, leading to improved soil structure, nutrient availability, and plant health. Suitable for arable, vegetable, grassland, mixed, and horticultural systems, Bacteriosol offers a sustainable path to higher productivity and reduced chemical dependency.

Key Benefits:

Enhanced Soil Fertility:

Promotes humus formation, improving soil structure and nutrient retention.

Increased Yields:

Supports robust plant growth across various crops.

Reduced Chemical Inputs:

Decreases reliance on synthetic fertilisers and pesticides.

Cost Savings:

Lower input costs and improved efficiency lead to better margins.

Environmentally Sustainability:

Improves soil health and reduces environmental impact.

How does it work?

Bacteriosol introduces a diverse range of beneficial micro-organisms that:

- 1 Accelerate Humus Formation:**
Enhances organic matter, improving soil texture and fertility.
- 2 Stabilise Nutrients:**
Fixes minerals onto the clay-humic complex, reducing leaching and volatilisation.
- 3 Enhance Soil Microbial Activity:**
Promotes a balanced soil ecosystem, improving plant health and resilience.
- 4 Improve Soil Structure:**
Increases porosity and aeration, facilitating root development and water infiltration.



Application Guidelines

Dosage:

100 kg per hectare, applied once annually.

Application Method:

Spread using standard fertiliser equipment.

Packaging:

Available in 600 kg bags.

Storage:

Keep in a dry, sheltered location to maintain biological activity.

Environmental Benefits

Reduces Leaching:

Improves nutrient retention in the root zone, minimising nitrogen and phosphorus loss into waterways.

Improves Water Efficiency:

Builds soil structure and humus, which increases water infiltration and holding capacity – helping crops perform better in dry conditions.

Supports Soil Carbon Storage:

Promotes humus formation, contributing to long-term carbon sequestration in the soil.

Encourages Biodiversity:

Lower input costs and improved efficiency lead to better margins.

Environmentally Sustainability:

Boosts soil microbial life and supports natural predator-prey balances, reducing pest pressure.

Reduces Erosion Risk:

Enhances soil aggregation and stability, which helps reduce runoff and erosion in heavy rain.

Economic Advantages

1

Increased Gross Margin:

Reduces the need for synthetic fertilisers and amendments.

2

Lower Input Costs:

Decreases expenditure on chemical inputs.

3

Enhanced Self-Sufficiency:

Boosts on-farm nutrient cycling and reduces input dependency.

4

Reduced Fuel Usage:

Improved soil structure leads to easier tillage and lower fuel consumption.



Testimonials:

Plateforme d'essais GAEC du Buisson – Vieuvicq (Eure-et-Loir)

"After 10 years of trials, we've observed significant improvements in soil structure and fertility. The use of Bactériosol has led to better water retention and reduced reliance on chemical inputs, resulting in healthier crops and improved yields."

La ferme Terrier Frères – Lavars (Isère)

"Implementing Bactériosol in our cereal rotations has revitalized our soils. We've noticed increased earthworm activity and better root development, which have contributed to more resilient crops and consistent yields, even under challenging weather conditions."

Grégoire Lhotte – SCEA Fantauzzi (Somme)

"Managing 900 hectares of wheat, rapeseed, sugar beets, and potatoes, we've integrated Bactériosol into our fertilization program. The product has enhanced soil microbial life, leading to improved nutrient availability and crop performance across the board."



Contact Us
01293 613 600
www.agrassure.com