

Biostimulant alternative casing for a sustainable and profitable mushroom industry

BIOSCHAMP's objectives

The BIOSCHAMP project aims to develop an integrated approach to tackle the mushroom cultivation challenges by:

- 1 Developing an alternative and sustainable low-peat biostimulant casina for the mushroom industry.
- 2 Reducing the dependency on and need for pesticides by 90%.
- 3 Contributing to improving the productivity, the sustainability, and the profitability of the European mushroom sector.

How does the BIOSCHAMP solution work?



APPLICATION OF CASING SOIL TO INDUCE MUSHROOM FRUCTIFICATION



- Sustainble ✓ Cost efficient ✓ Pesticide free
- CASING SOIL



- 1.1 Compost (substrate) preparation
- 1.2 Preparation of mushroom spawn
- 1.3 Inoculation of compost (substrate)







Who are the partners?

























KEY FACTS

13 partners 7 European countries 4 vears

CIRCULAR ECONOMY

- Bio-based enriched and locally produced renewabable material
 - Low-peat alternative casing



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