



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 casing 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.

3 HARVEST OF MUSHROOMS

APPLICATION OF CASING SOIL TO INDUCE MUSHROOM FRUCTIFICATION

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- ✓ Sustainable
- ✓ Cost efficient
- ✓ Pesticide free



HOW DOES IT WORK?

1 PREPARATION OF COMPOST (Substrate)

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



WHO ARE THE PARTNERS?



KEY FACTS

12 partners
6 European countries
3.5 years

CIRCULAR ECONOMY

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



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