Bioschamp

Alternative casing for a sustainable and profitable mushroom industry

BIOSCHAMP Results: validation trials of low-peat casing materials

Sphagnum moss + Peat

Sphagnum moss serves as a great water storage, it is a renewable component.

Grass fibres + Peat

Mixtures of **fermented grass fibres and peat** were tested. Grass fibres are a renewable component.

Peat

Peat is an accumulation under wetland conditions of partially decayed vegetation or organic matter. The mixes "Sphagnum moss + Peat" and "Grass fibres + Peat" were tested by the validators in three different trials against peat as control. All three validators received **the same mixes.**

Results

- Mushrooms grown in Sphagnum moss + Peat and Grass fibres + **Peat were virtually indistinguishable in quality** from those grown in 100% peat.
- Careful **prewetting and mixing** of the BIOSCHAMP casing soils is of utmost importance.
- **Results in the organic mushroom farm** stand out in terms of production and quality. Once organic regulations permit, these solutions hold great potential for use in organic mushroom production.

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Contact information:
CTICH (coordinator)
direccion@ctich.com

INNOVARUM (D&C leader)
daniel.gallardo@innovarum.es

This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 101000651.