

SYSTEM AND MATERIAL FOR TRUFFLE CULTIVATION

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The invention is an innovative material and system helpful in the development, adhesion and transfer of Tuber mycelium, in order to improve and standardize inoculation techniques in the field of truffle cultivation.

Protection: Italy, with possibility to extend internationally

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INVENTION

The invention couples an innovative non-woven fabric with a method effective in truffle farming, in order to obtain plants that are more extensively and uniformly mycorrhized than the current techniques (use of vermiculite or other inert materials as a support for the mycelium).

The non-woven fabric is able to retain the mycelium between its meshes, allowing a more effective transfer of the fungus to the plant. Furthermore, the times of obtaining the mycorrhizae through mycelial inoculation are considerably reduced.

ADVANTAGES

- Total degradation of non-woven fabric after 6 months.
- Greater and more uniform degree of mycorrhization.
- Possibility of standardizing the production process, reducing costs and materials compared to the current spore inoculation techniques used by nurseries.

CONTACTS

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APPLICATIONS

The main application is truffle cultivation.



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