COOLTIVATION

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Controlled cultivation of special medicinal herbs

At Cooltivation, we develop and test the optimal way to grow medicinal herbs. Our solution emphasizes quality, high active ingredient content and year-round production in a vertical, substrate-free system. It allows the cultivation of herbs that are rare and unavailable in this country and in Europe, thus solving the problem of the difficult availability of these herbs, which are often adulterated or imported in low quality. We bring an innovation in the control of an automated closed CoCoS system using an algorithm that monitors online the current environmental parameters and uses a control unit to implement the desired values given by the unique cultivation formulas developed for a specific medicinal herb.

Unique Selling Points:

Modular closed system with automated environmental control. Production of special medicinal herbs for use in nutraceuticals, cosmetics and phytopharmacy. Cultivation recipes optimized for the content of desired active ingredients. Guaranteed origin, year-round availability, freshness.

Product

CoCoS module controller

Technology readiness

Development

Proof of concept

▶ Prototype

First implementation

Extensive implementation

2/2024

B2B

www.cooltivation.com