

Traditional Chinese medicine suitable for planting under photovoltaic panels

To provide insights, we compared agrophotovoltaic and traditional ecosystems to explore the economic feasibility of planting *Bupleurum chinense* (*B. chinense*) and *Medicago sativa* (*M. ...*

Does China's PV expansion affect croplands? This research integrates spatial data on PV installations with agricultural productivity figures to assess the impact of China's PV expansion on croplands and ...

Especially in the agricultural sector, integrating the planting of traditional Chinese medicinal plants with clean energy construction and environmental protection plays a significant role.

The shading effect of photovoltaic panels provides a suitable environment for the growth of medicinal materials, reduces the occurrence of diseases and pests, and improves the quality and ...

The invention relates to the technical field of agriculture, and discloses a traditional Chinese medicine planting method applicable to sand in a photovoltaic power station in a sand...

Picture this: rows of gleaming photovoltaic panels standing guard over a thriving understory of *Peucedanum chinense*, a medicinal herb prized in traditional Chinese medicine.

In this article, I will delve into the principles, applications, and outcomes of growing medicinal plants like *Pinellia ternata* and *Acorus calamus* under photovoltaic arrays, drawing from ...

Here, we investigated the impact of photovoltaic condition on endogenous hormone composition and transcriptome profile of *Tetragymma hemsleyanum*. A total of 16 differentially ...

In practical implementation, introducing crop cultivation beneath the PV panels results in a discernible reduction in module temperature by over 0.18 °C, consequently yielding a consequential 0.09 % ...

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