

Can *Atractylodes lancea* be planted under photovoltaic panels

What is *Atractylodes lancea* rhizome?

Anyone you share the following link with will be able to read this content: *Atractylodes lancea* rhizome (AR) has high medicinal and economic value. A previous study has reported that the accumulation of sesquiterpenoids in AR has obvious advantages under bamboo canopy.

Can *Atractylodes lancea* be used as biological fertilizer?

Bacterial species selected by *A. lancea* root have the potential to serve as biological fertilizers for *A. lancea* farming. *Atractylodes lancea* has a long history as a medicinal herb and is widely distributed in China, Japan and the Korean peninsula (Tsusaka et al. 2019).

What are the major volatile oils in *Atractylodes lancea* rhizome (AR)?

The major volatile oils in *Atractylodes lancea* rhizome (AR) are the sesquiterpenoids hinesol, β -eudesmol, and atractylone, and the polyacetylene atractylodin, which are acknowledged as the four major medicinal components, as well as the marker compounds, of the quality evaluation of AR 4.

Does *Atractylodes lancea* (Thunb) DC have early stem growth mutation?

The microRNA analysis of sesquiterpenoids biosynthesis by *Atractylodes lancea* (Thunb.) DC. with early stem growth mutation *Atractylodes lancea* (Thunb.) DC. is a traditional Chinese medicinal plant with high medicinal value, and its active ingredients are a variety of sesquiterpenoids.

Does *A. lancea* plantlet improve soil pH?

The results showed that the presence of either the *A. lancea* plantlet or the GSM could decrease the soil pH and improve the concentration of available nitrogen (N) and P compared to the mock-inoculated control placed under RT. Particularly, the dual presence of the *A. lancea* plantlet and soil microbes greatly improved NO₃-content.

How to plant *A. lancea* seedlings in a greenhouse?

Healthy and uniformly sized *A. lancea* seedlings were planted in an experimental field located on a flat plot at an altitude of 870 m with a row spacing of 0.5 m and a plant spacing of 0.3 m. Different levels of shade above the seedlings were created in the greenhouse using materials of different densities such as white gauze and sunshade net.

Atractylodes, also known as Bai Zhu, is an Asian flowering plant that has been a core element of traditional Chinese medicine. It is further classified into *Atractylodes macrocephala* rhizome, *Atractylodes lancea*, *Atractylodes* ...

Atractylodes lancea has been generally used in several traditional decoction, for example, Simiao powder,

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Ermiao powder, Yueju- Wan, and has been a part of several other common decoction ...

2. Tincture: A tincture made from *Cang zhi* can be taken orally. It's convenient and allows for easy dosing to address conditions like digestive disorders and stress reduction. 3. Powdered Form: Ground *Cang zhi* can be ...

Atractylodes lancea is an important medicinal plant in traditional Chinese medicine, its rhizome is rich of volatile secondary metabolites with medicinal values and is largely demanded in ...

As the degree of shade increased, light utilization decreased starting at 80% light intensity. The results showed that mild shading promotes photosynthetic efficiency in *A. lancea*, and the ...

Mild shading facilitates sesquiterpenoid accumulation and growth in *Atractylodes lancea* rhizome. To determine a concrete shading value for the production of high-quality and high-yielding AR,...

In the *Atractylodes lancea* (*A. lancea*)-maize intercropping system, maize can promote the growth of *A. lancea*, but it is unclear whether this constitutes an aboveground or belowground process.

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