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Title: Gastrodia elata planting under photovoltaic panels

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Since *Gastrodia* is one of the largest genera consisting of fully mycoheterotrophic species from a wide geographic area (Cribb and Killmann, 2010), members in this genus are ...

Gastrodia elata, a mycoheterotrophic orchid, is a well-known medicinal herb. In nature, the seed germination of *G. elata* requires proper fungal association, because of the absence of endosperm.

Gastrodia elata Blume. (*G. elata*)--a heterotrophic orchid with high medicinal value--faces sustainability challenges due to its ecological specificity. This review highlights critical factors ...

Gastrodia elata is a widely distributed achlorophyllous orchid and is highly valued as both medicine and food. *Gastrodia elata* produces dust-like seeds and relies on mycorrhizal fungi for its germination and ...

The current study revealed that under field conditions in *G. elata* and *A. gallica* symbiotic systems, the yield of *G. elata* significantly differed among *A. gallica* strains collected from several ...

Our report establishes a foundation for studying adaptation to a mycoheterotrophic lifestyle. *Gastrodia elata* is an obligate mycoheterotrophic plant with highly reduced leaves and ...

According to past research, *G. elata* is a potential medicinal and edible plant with several active components and pharmacological activity that has a high application value in medicine and the ...

In this study, the temporal dynamics of both endophytic bacterial and fungal communities during the growth of *G. elata* subjected to two different cultivation patterns were analyzed, and further ...

The utility model mainly provides a *gastrodia elata* is planted fungus pond and is reclaimed machine for solve the technical problem who proposes in the above-mentioned background art.



Gastrodia elata planting under photovoltaic panels

Learn exactly what Gastrodia elata needs to thrive, get reminders when it's time to water, and join the growing community on the Greg App.

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