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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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