Planting Salvia miltiorrhiza under photovoltaic panels

Given the findings, the research seems promising enough to support APV practices that limit PV panel shading to be lower than 25% to avoid affecting crop growth, assumed to be the ...

This study investigated the comparative cultivation of six medicinal plant species (sage, oregano, rosemary, lavender, thyme, and mint) in a dynamic agrivoltaic (AV) system and a neighboring control ...

In order to investigate the effects of microbial inoculant, microalgae and biochar on the growth of Salvia miltiorrhiza under copper (Cu) stress, as well as its Cu absorption, antioxidant ...

In this study, nine non-pathogenic, endophytic fungal strains were introduced into sterile S. miltiorrhiza seedlings and cultivated both in vitro and in situ (the greenhouse).

This study evaluated the potential of the Bacillus microbial inoculant and the microalgae fertilizer to mitigate Pb stress in Salvia miltiorrhiza by assessing their effects on plant growth, Pb ...

We investigated the effects of the complex cultivation of Salvia miltiorrhiza on microbial communities, secretions, yield, and active ingredients, and the mechanism of action between ...

This paper provides a new approach to the sustainable improvement of a Salvia miltiorrhiza transplanting mechanism from the perspective of the interaction between the machine ...

Healthy plant roots recruited some potentially beneficial bacteria partners, particularly Pseudomonas into the endosphere. We further investigated the functional importance of these ...

Under greenhouse conditions, Alternaria sp. A13 simultaneously enhanced the dry root biomass and secondary metabolite accumulation of S. miltiorrhiza as the optimal PGPF of the 28 ...

Advancements in the development of PGPF for crops and economic plant cultivation applications have been achieved, but such improvements for the use of PGPF with popular medicinal herbs, such as ...

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