Soaking sweet potatoes with photovoltaic panels

This paper aims to investigate the effects of SCAPV on the reduction of water evapo-ration and evapotranspiration (ET); and the impacts of SCAPV on soil nutrients, sweet potato quality, and yield. ...

The SCAPV and EAPV treatments improved the dry matter rate of sweet potatoes, which is beneficial to the accumulation of dry matter in sweet potatoes. The protein, starch, and reduced ...

This study aims to investigate the growth of potato plants both beneath and between simulated solar panels, as well as in a control area. The effects of two levels of deficit irrigation (35% ...

Planting under PV panels could be implemented in three forms, i.e., under PV panels, between PV arrays, and in PV greenhouses. A PV system for livestock farming could be implemented by allowing ...

Sweet potatoes steam baked to perfection in my Rand evacuated tube solar cooker. I made the reflector and tray.

In order to investigate the effects of establishment of photovoltaic (PV) panels on field illumination conditions and sweet potato growth in an agro-photovoltaic integrating system, we used ...

We propose to use the renewable solar energy for the dehydrating of two important Hawaiian tubers: taro and sweet potato. We believe the solar dehydrator we assembled can dry these starchy staples ...

Therefore, this study aims to investigate the impact of SCAPV and EAPV on evapotranspiration (ET) and sweet potato quality and yield. We conducted three treatments: SCAPV, ...

However, the effects of SCAPV and EAPV on sweet potato quality and yield have not been studied. Therefore, this study aims to investigate the impact of SCAPV and EAPV on evapotranspiration (ET) ...

ead of being competitors, photo-voltaics and photosynthesis can actually complement each other. So-called agrophotovoltaic (APV) systems make the eficient dual land usage possible: the farmer...

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