

"PV", "PCV" and "PHV" indicate bulk soils under sole pecan planting, pecan-caper spurge intercropping, and pecan-honeysuckle intercropping at the vegetative growth ...

Intercropping medicinal plants plays an important role in agroforestry that can improve the physical, chemical, and biological fertility of soil. However, the influence of ...

Phase change materials for photovoltaic thermal management. July 2015; Renewable and Sustainable Energy Reviews 47:762-782; ... concentration gives a lower cost ...

To ascertain opportunities available for rendering more efficient end-of-life management of PV panels, this study particularly analysed resource and material flows in the ...

Intercropping medicinal and forage plants could be a new method for increasing the quality of forage components and enhancing the quantity and quality of me -

The use of hazardous metals like lead, cadmium in solar photovoltaics (PVs) are rapidly increasing which poses the risk to the environment due to potential release of these ...

The rapid development of solar energy worldwide has attracted increasing attention due to its climatic and environmental impacts. Using MODIS data, we quantified the ...

The review illustrated the effect of the cooling system on the PV panel's thermal management, PV panel efficiency, and PV panel output power. ... The effects of ...

This report is the first-ever projection of PV panel waste volumes to 2050. It highlights that recycling or repurposing solar PV panels at the end of their roughly 30-year ...

PDF | On Jan 1, 2018, Jelena Golijan and others published The benefits of organic production of medicinal and aromatic plants in intercropping system | Find, read and cite all the research you ...

where η_{ref} , T_{PV} , T_a , are the PV module efficiency at standard test conditions i.e. reference efficiency, the PV module operating temperature and the ambient temperature, ...

Medicinal plants for intercropping in plantations I'ma Neerakkal Associate Professor, Department of Botany, Sacred Heart College (Autonomous), Thevara, Kochi, Ernakulam, Kerala, India

8 END-OF-LIFE MANAGEMENT: SOLAR PHOTOVOLTAIC PANELS TABLES Table 1 Projected cumulative PV capacity, 2015-2050, based on IRENA (2016) and IEA (2014) 25 Table 2 PV ...

To increase biodiversity in tomato cultivation, two herbal aromatic plants, thyme (*Thymus vulgaris*) and basil (*Ocimum basilicum* L.), were introduced as companion plants. ...

Background In recent years, solar photovoltaic technology has experienced significant advances in both materials and systems, leading to improvements in efficiency, ...

Intercrops have complementary solar radiation utilization as in a mixed stand relatively shade-tolerant plants are grown in the combination with shade-intolerant for a better ...

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