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Title: Turkmenistan Solar Drip Irrigation System Project

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Economic Society "Turkmen Senagat" is one of the first in Turkmenistan to establish the production of high-tech drip irrigation systems, which are manufactured taking into account all the ...

The report underscores the critical need for investment in water-saving technologies, expansion of local manufacturing, and adoption of drip irrigation systems to enhance agricultural ...

Solar powered pumps were installed on wells serving five to nine smallholder farmers and the farmers received grants subsidizing 80% of the purchase of a drip irrigation system covering 0.5 hectares.

The developed Recommendations are intended for specialists engaged in the design and operation of drip irrigation systems for the cultivation of crops, vineyards, orchards and forest ...

The project will study national hydraulic techniques and introduce innovations such as drip irrigation, sprinkling, and sprinkler method.

In light of this, a joint UNDP-GEF project has conducted research to study the effectiveness of using various water-saving irrigation systems for drip irrigation, artificial sprinkling and improved surface ...

The study offers a comprehensive comparison of various irrigation methods, shedding light on their respective strengths and limitations in the context of agricultural practices in Turkmenistan.

The government of Turkmenistan has not worked on modern irrigation technology initiatives alone, but have involved international collaboration. For instance, a climate-resilient ...

The development of a biocomposite injector for drip irrigation is important for sustainable agriculture in Turkmenistan. In the context of climate change, this innovation can take the agricultural ...



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A simple but effective, low-cost solar-powered water pumping system is developed in this paper which provides a drip irrigation system with the required pressurized water.

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