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Namibia s solar drip irrigation system

Overview

Implemented as part of an IAEA technical cooperation project, which started in 2020, this drip irrigation system has helped increase irrigation water use efficiency by over 80 per cent compared to rainfed agriculture and has improved yields by up to 70 per cent in the farmers'. Implemented as part of an IAEA technical cooperation project, which started in 2020, this drip irrigation system has helped increase irrigation water use efficiency by over 80 per cent compared to rainfed agriculture and has improved yields by up to 70 per cent in the farmers'. Caption: Farmers in Namibia have been trying out a nuclear-based approach to irrigating their fields, which has helped them substantially improve water use efficiency (Photo: J. Adu-Gyamfi/IAEA) Namibia is one of the driest countries in Africa. It is home to the world's oldest desert, the Namib, as. With support from the IAEA and the Food and Agriculture Organization of the United Nations (FAO), farmers in the northern regions of Namibia are using a combination of nuclear techniques and a water-saving irrigation technology, known as small-scale drip irrigation, for watering their fields. This is known as small-scale drip irrigation, and was installed with the support of the International Atomic Energy Agency (IAEA) and the Food. Oshikoto farmer Andreas Naoseb says the equipment has breathed new life into his farm. It is home to the world's oldest desert, the Namib, as well as.

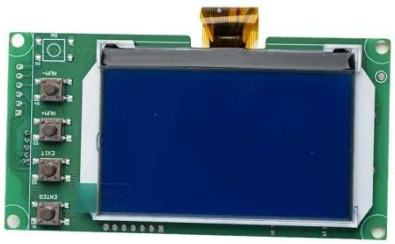
Namibia s solar drip irrigation system

Namibia conserves water and improves harvests using nuclear science

With support from the IAEA and the Food and Agriculture Organization of the United Nations (FAO), farmers in the northern regions of Namibia are using a combination of nuclear techniques and a ...

Combined Water-Saving and Nuclear Techniques Help Improve ...

He and other farmers participated in demonstration trials coordinated by the IAEA and FAO. They received small-scale, solar-powered drip irrigation equipment capable of filling a 10,000 ...



Enhancing agriculture productivity using Solar Irrigation ...

Preliminary work was completed on five-hectares of Farm Lynkloof, Namibia in preparation to install a solar irrigation system. The irrigation system uses solar photovoltaic (PV) technologies to pump ...

Innovative solar-powered irrigation system on wheels

The mobile solar powered irrigation system serves a benchmark for farmers in Namibia and beyond. By embracing solar energy, farmers can unlock tremendous potential for sustainable ...

Innovative, Affordable drip irrigation for small scale farmers

Ideal for home gardens, in rural and urban areas. Irrigates an area up to 30 m2. Can be planted with up to 200 seedlings depending on crop. Using a 20 to 25 litre container. Possible to earn up to N$ ...

Small-scale drip irrigation improves productivity

Farmers in the northern regions of Namibia are now using a combination of nuclear techniques and water-saving irrigation technology to water their fields. This is known as

Small-scale drip irrigation improves productivity

Implemented as part of an IAEA technical cooperation project which started in 2020, this drip irrigation

system has helped increase irrigation water use efficiency by over 80% compared to ...

Smart Irrigation System for Crop Farmers in Namibia

This chapter looks at the design and development of a smart irrigation system using IoT.

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