

Tarweyit Al - Deera



Transforming Dry Lands into Green Havens – Tarweyit Al - Deera's Water Capillary Osmosis Dripper



Qingdao Flow Lead Industrial Co.,Ltd

- 📍 Add: Zhangjia Town, Jiaozhou City, Qingdao, China
- ☎ Tel : (86)532-8365-8699
- 📱 Mobile: (86)159-6556-4181
- ✉ E-mail: valves@qdflolead.com
- 🌐 Website: www.qdflolead.com

**Tarweyit Al - Deera
Water Capillary osmosis dripper**



FOR DESERT GREENING, WATER-SAVING DRIP IRRIGATION WHILE PROTECTING SEEDLINGS

Water Capillary Osmosis Dripper



Product Overview

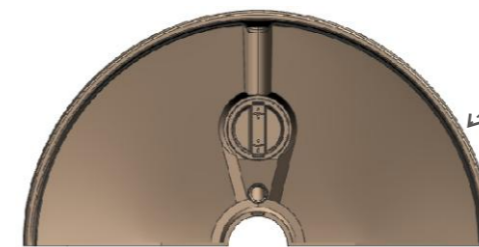
Elevate your irrigation practices with our state-of-the-art Water Capillary Osmosis Dripper. This cutting-edge dripper integrates capillary action and osmosis principles to deliver water precisely and efficiently, ensuring optimal hydration for your plants.

Key Features

Precision Watering	Harnesses capillary action to draw water seamlessly from the reservoir, providing a steady and controlled flow directly to the root zone.
Efficient Usage	Features osmosis technology to regulate water delivery, reducing waste and promoting sustainable water use.
Durable Design	Constructed with high-quality, weather-resistant materials and a protective cover to ensure longevity and reliability in various environments.
Low Maintenance	Designed for minimal upkeep, allowing you to focus on plant care without frequent adjustments or repairs.
Versatile Application	Perfect for home gardens, greenhouses, and agricultural settings. Suitable for both potted plants and in-ground installations.

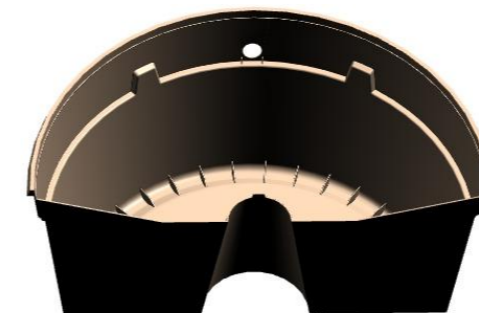
Technical Specifications

Brand Name	Tarweyit Al - Deera
Product Name	Water Capillary Osmosis Dripper
Material	Polypropylene (PP)
Design	Split body design
Water consumption	Two wicks: Winter: 150ml per day



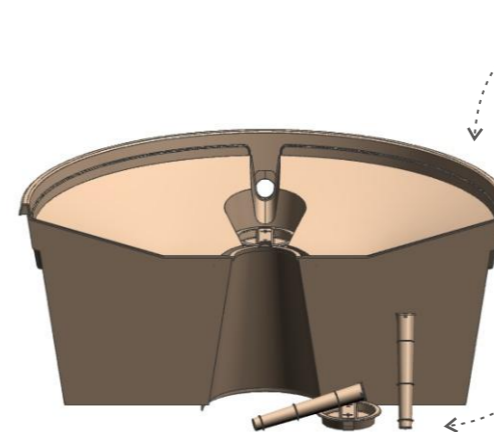
1 The cover of the water capillary osmosis dripper

The cover of the water capillary osmosis dripper plays a crucial role in protecting, regulating, and maintaining the functionality of the dripper, while also contributing to its durability and safety.



2 The primary enclosure of water capillary osmosis dripper

The primary enclosure is crucial for maintaining the functionality, safety, and integrity of the water box.



3 A partial section of the product

The product features a split-body design, comprising two equal halves joined together with a central aperture for plant insertion.

4 Filling inlet cover

It is crucial for ensuring the cleanliness, safety, and efficiency of transfer or filling of water.



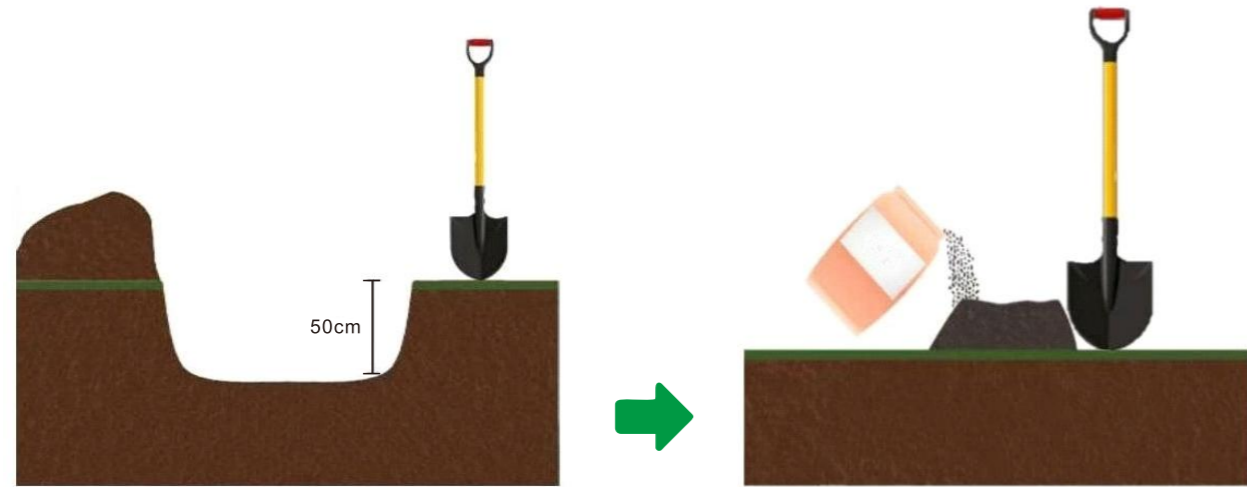
5 Diversion pipe

The pipe helps in controlling the distribution and flow of fluids to prevent issues like flooding or inefficient water usage.
Rope for water dripping

Tarweyit Al-Deera's
Capillary Osmosis Dripper:

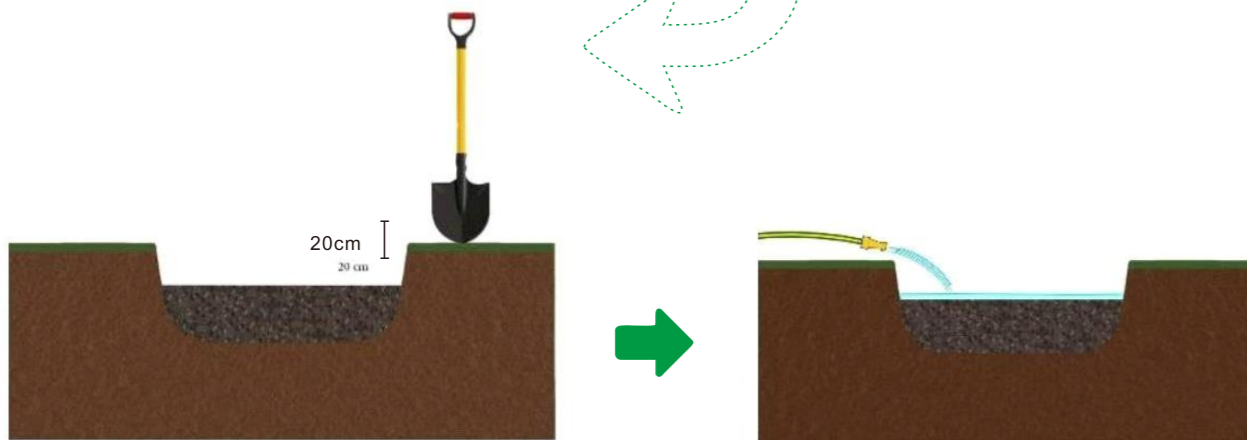
**Plant Smart,
Harvest Green.**

Installation procedures



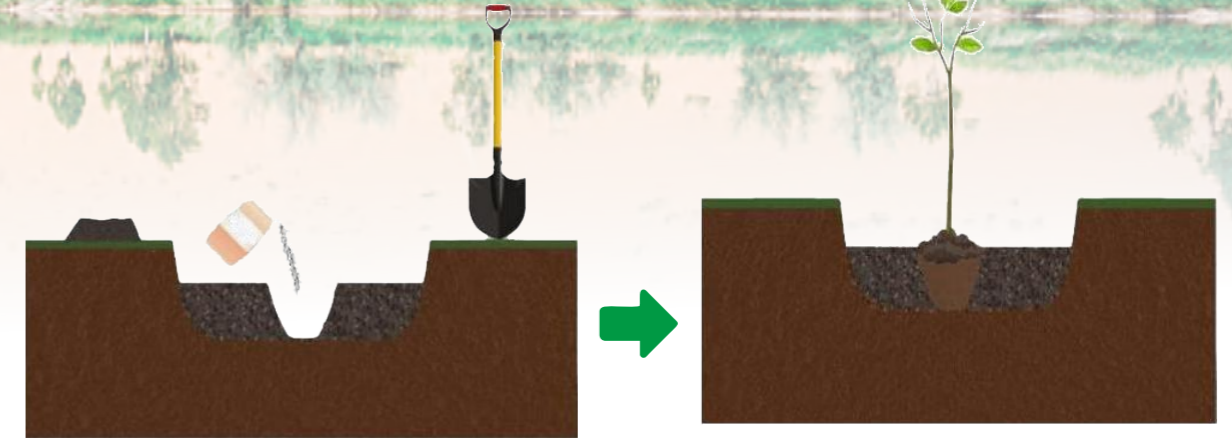
Digging the planting pit

Mix soil mix



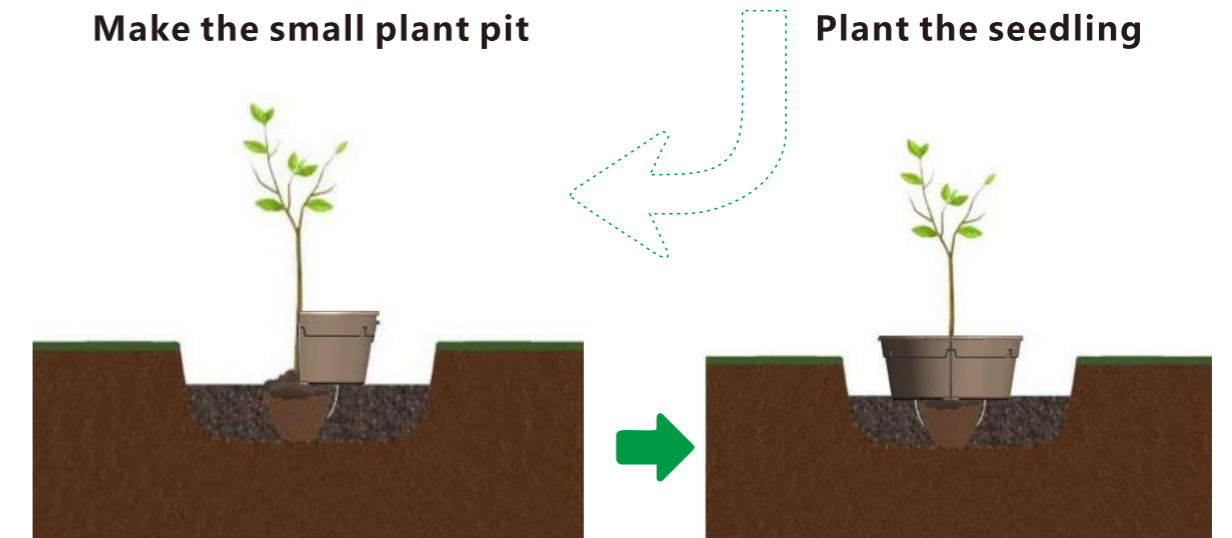
Leave 20 cm to land level

rrigate the plant pit



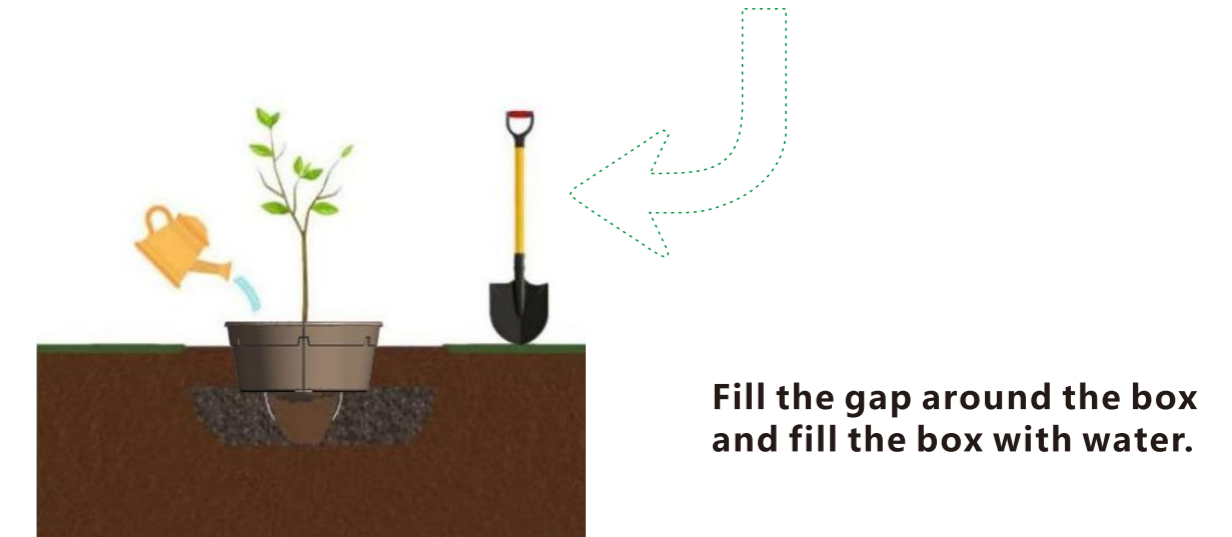
Make the small plant pit

Plant the seedling



Place the first half of the box

Place the second half of the box



Fill the gap around the box
and fill the box with water.

Usage occasions for Water Capillary Osmosis Dripper

A: Greening



B: Revegetation & reforestation



C: Landscaping



D: Domestic gardens



Greening is about integrating environmental considerations into various aspects of life and work to create a more sustainable and resilient world.

Revegetation and reforestation are vital for restoring degraded landscapes, combating climate change, and preserving biodiversity. They require careful planning, execution, and management to achieve their full potential and contribute positively to both environmental and community well-being.

Domestic gardens are personalized outdoor spaces designed for aesthetic enjoyment, relaxation, and functional use, often incorporating a variety of plants,

landscaping features, and sustainable practices to reflect the homeowner's tastes and meet their practical needs.

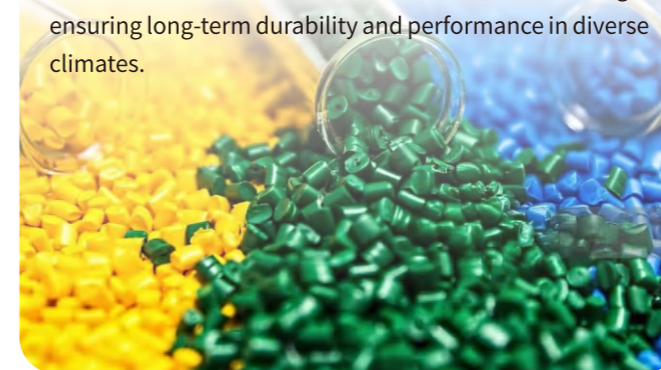
Why Choose Us?

Our Water Capillary Osmosis Dripper stands out for its innovative design, efficiency, and durability. We combine advanced technology with user-friendly features to provide a superior irrigation solution that meets modern demands while supporting sustainable practices.

Benefits of Using our Water Capillary osmosis drifter

Durable Material

Constructed from high-quality virgin polypropylene (PP), it is engineered to withstand harsh environmental conditions. It is resistant to heat, cold, rot, and cracking, ensuring long-term durability and performance in diverse climates.



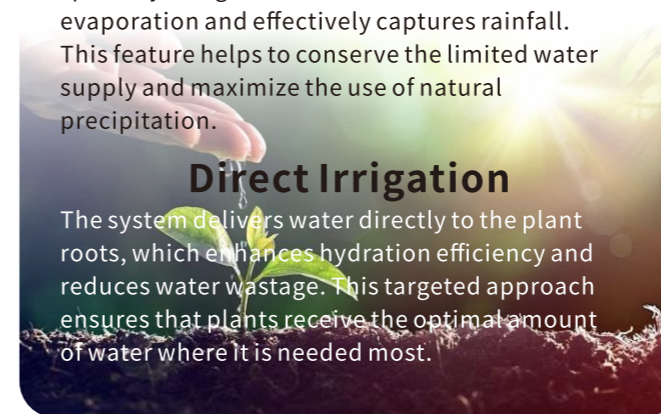
Efficient Watering System

The Water Capillary Osmosis Dripper provides a consistent water supply of waters. With two wicks water consumption 200ml per day in winter spring and autumn. In summer (June to September): 750ml per day. This efficient watering mechanism ensures that even in water-scarce environments, plants receive the hydration they need to thrive.



Evaporation Control

The Water Capillary Osmosis Dripper features a specially designed cover that minimizes water evaporation and effectively captures rainfall. This feature helps to conserve the limited water supply and maximize the use of natural precipitation.



Direct Irrigation

The system delivers water directly to the plant roots, which enhances hydration efficiency and reduces water wastage. This targeted approach ensures that plants receive the optimal amount of water where it is needed most.

Multi Protection

Temperature Protection: Shields the root system from extreme hot and cold temperatures, promoting healthy root development.
Storm Protection: Guards plants against hot and sand storms, reducing potential damage.
Weed Prevention: Covers the area around seedlings to inhibit weed and grass growth, minimizing competition for water and nutrients. This allows planted trees to thrive stronger and healthier.



Compatibility

The Water Capillary Osmosis Dripper is compatible with large-scale irrigation systems, making it a versatile solution for both small and extensive planting projects. Its design integrates seamlessly with existing irrigation setups.



Cost-Effective Solution

Compared to traditional irrigation methods, the Water Capillary Osmosis Dripper offers a more affordable alternative. Its low-cost design and efficient water usage help to reduce overall irrigation expenses while achieving excellent results.

