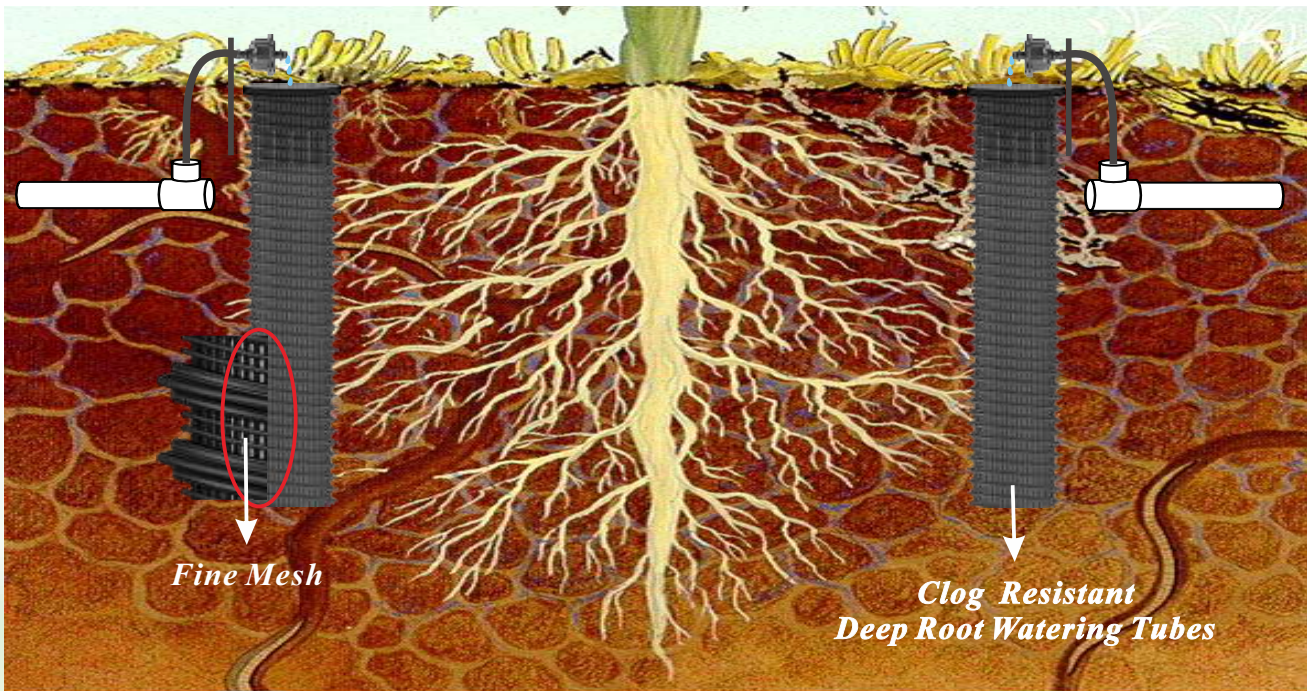


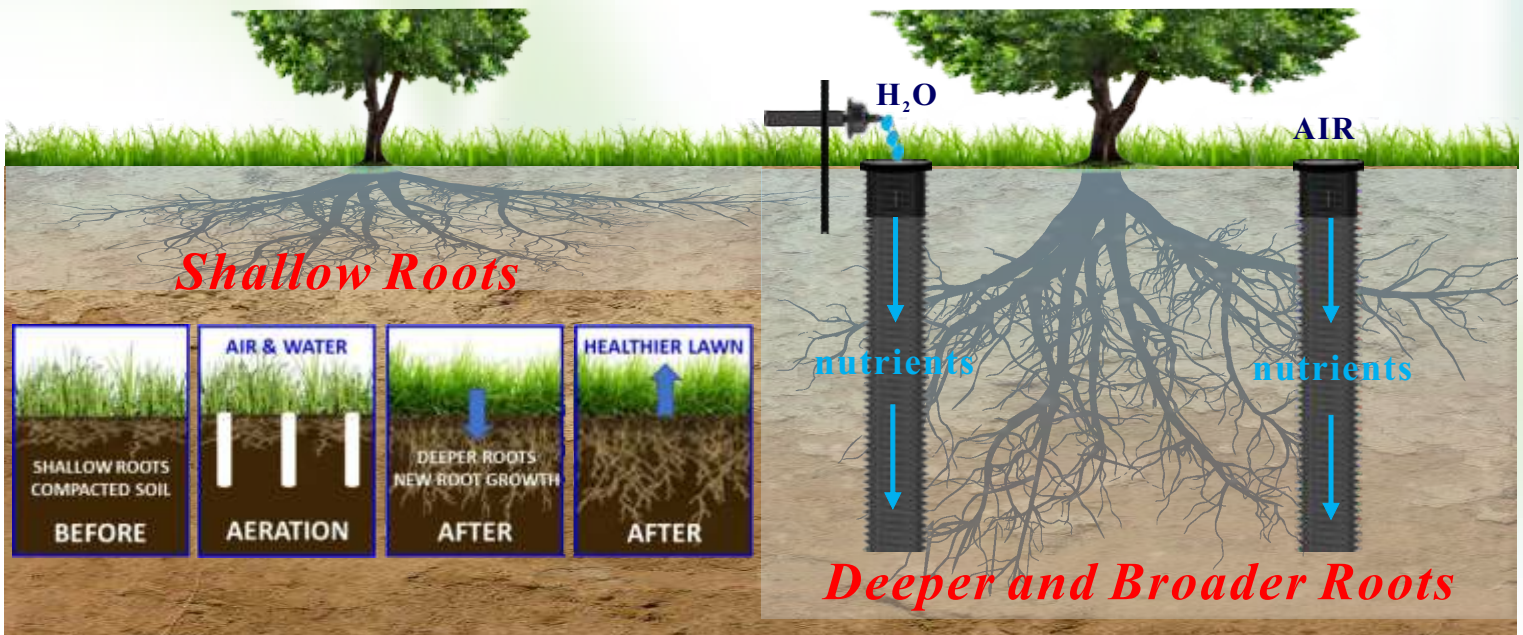


# ECO-MESH

## Root Aeration Tubes and Deep Root Watering System DRWT - Deep Root Watering Mesh Tubes



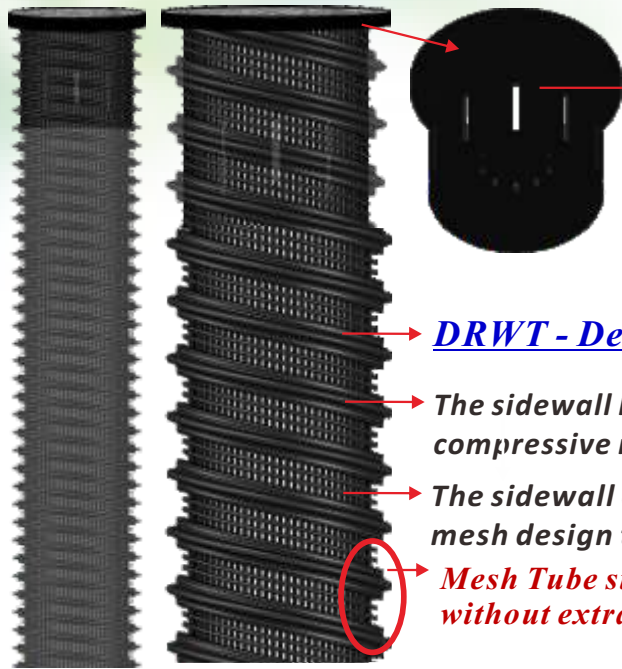
*Highly efficient water and fertilizer use plus improved root ventilation and plant growth*



*DRWT- Deep Root Watering System enables vital water, oxygen, and nutrients to bypass compacted soil and directly reach tree and shrub root zones to improve tree and shrub investment protection, watering efficiency and landscape aesthetics through deep root growth and tree development.*

# Root Aeration Tubes and The Deep Root Watering System

## DRWT - Deep Root Watering Mesh Tubes



### Anti-Clog Deep Root Watering Tube Caps Features

- Mesh tube basin filled with gravel in order to filter surface water and anti-debris into the tube.
- Irrigation water along the sidewall into the soil.
- The tube basin are designed and constructed for simple maintenance and cost-effective.



### DRWT - Deep Root Watering Mesh Tube

The sidewall has T-type thread and high compressive resistance.

The sidewall openings are high-density mesh design to minimize soil entry.

Mesh Tube sidewall is Clog Resistant and minimizes soil entry without extra filter material, such as non-woven fabric.



Anti-Clog Mesh Tube Installation for Existing Trees



Anti-Clog Mesh Tube installation Guide for Transplanted Trees



Trunk	Quantity
50mm	2
75mm	3
100mm	4
125mm	5
150mm	6



Greater than 150mm trunk place 75cm~100cm evenly apart in a circular manner. Place the Caps top lip/flange so it is flush on the ground to allow for mowing clearance.

Place Anti-Clog Mesh Tube units evenly around the root ball half way between the outside edge of the planting pit and the root ball.

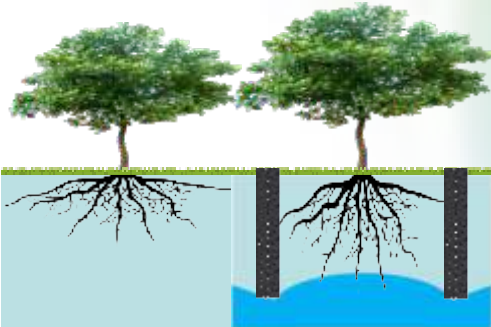


Place the Mesh Tube in the ground so the soil is even with the lip ring at the top.

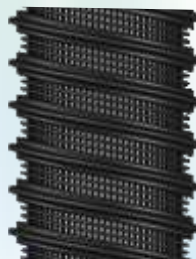
Remove as much shipping and containment materials from the root mass as possible.

The trees were harvested 3, 8 and 13 months after transplanting, and data was collected.

- 48% More deep-root growth 3 months after planting
- 11% More above-ground growth 8 months after planting
- 18% Greater root mass 13 months after planting



Trees with DRWT have more deep-root growth, greater root mass and better above-ground growth than the trees with surface-watering systems.



### Anti-Clog Deep Root Watering Tube Specifications

DRWT Size	Code	ID*OD ±3.0%mm	Gap ±3.0%mm	Length m	Cut Length cm
2"	MSO-50A	48.5*61	11.5mm	5m	25cm, 36cm, 46cm, 60cm
3"	MSO-75A	77*89	12.5mm	5m	36cm, 46cm, 60cm, 90cm, 120cm
4"	MSO-100A	98*114	12.5mm	5m	46cm, 60cm, 90cm, 120cm

HDPE/30% recycled materials

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