



Capillary Mats

Even the strongest and most powerful tree begins as a fragile sprout coming out of a tiny seed. Nurturing that sprout or clone requires much more momentary attention than when it's larger and in a larger container. In general, the larger the container, the less frequently it needs irrigation; the smaller, the more often it needs watering. For this reason, capillary mats frequently become one of the grower's most time-saving tools for starting seedlings and propagating clones. They water plants from the bottom up, preventing many problems while providing many advantages.

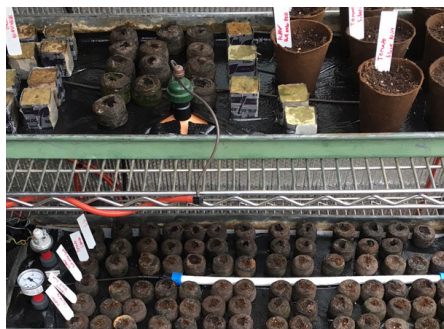
Capillary mat systems have a long history of extensive use in Europe, and are only recently becoming popular in the US. Before these water-holding fabrics became available, people used wet sand beds and even thick layers of newspaper. And even in the USA now; retail garden centers, greenhouses, and nurseries have installed over 8 million square feet of AquaMats, saving roughly 70% of their water use— 889,000 gallons per season! These systems also offer the most cost-effective and economic solutions for roof top gardens.

Some main advantages:

- ◆ Lowers costs
- ◆ Saves time
- ◆ Produces healthier plants and higher profits
- ◆ Prevents the possibility of over-watering
- ◆ Dramatically decreases water use
- ◆ Easy watering of multiple sizes and types of plants in the same simple system
- ◆ No overhead watering so no foliage damage to sensitive plants
- ◆ Prevents plant mold, algae, and mosses
- ◆ Only water needed by the plants pulls up so no danger of root rot
- ◆ Encourages downward root growth
- ◆ Creates a more even distribution of water which results in more uniform plants
- ◆ Lightweight, easy to install and cut to size
- ◆ They work well with either gravity or pressure systems, small or large production scales



Scan for video



"Seeds have the power to preserve species, to enhance cultural as well as genetic diversity, to counter economic monopoly and to check the advance of conformity on all its many fronts."- Michael Pollan

AquaMats

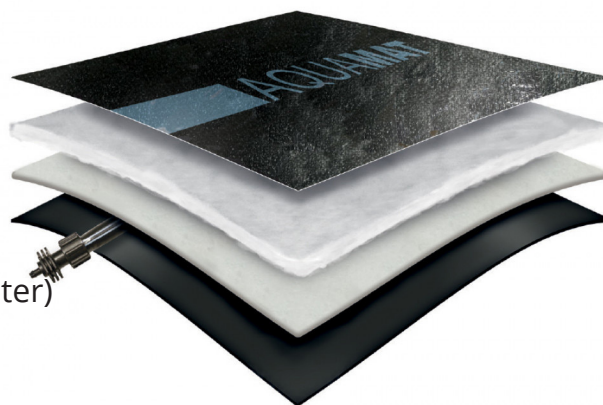
The top-of-the-line capillary mat system. This multilayered, self contained design works with fabric pots, beds, or plastic pots with holes in the bottom larger than 1/8".

AquaMat Benefits Compared to Hand-Watering

- ✦ Save 92% on labor
- ✦ Saves 70% on water consumption
- ✦ Increase growth by 12.5%
- ✦ Reduce fertilizer use by 80%

Specifications

- ✦ Water Capacity: 2.1Gal/Sq Yard (9.5L/Sq Meter)
- ✦ Mat flow rate: 0.007 Gal/min/Sq Ft (0.3L/min/Sq Meter)
- ✦ Integrated with BluSoak Drip Tape



Bulk Rolls

- ✦ Standard, most versatile cap mat rolls either 4' or 6' wide
- ✦ Black perforated foil for preventing algae and evaporation
- ✦ Thermal mats for keeping roots warmer and increasing plant growth
- ✦ Filtration mat for rooftop gardens and rainwater collection systems
- ✦ Heavy duty cap mat for rooftop gardens



Surface Blumat

Blumats for starts and seedlings! These automatically water plant trays totaling up to 5 square yards without electricity or pressurized water (electronic ones available for larger areas and/or thousands of plants). Place on top of capillary mats, attach to distribution drippers or BluSoak and they automatically supply the needed water. Sensitive new roots aren't disturbed and you won't have to worry about tiny plants either drowning or drying out too much.



Complete Cap Mat Systems

These kits assure that you haven't forgotten anything essential to get your system up and running. Most of the systems here use the high-end AquaMats but we also design systems with less expensive components.

