

Manage Rootzone Moisture During Production



Water Repellency: A Continuing Issue

Soiless growing mixes are prone to water repellency, a problem that interferes with proper water, air and nutrient management. The initial surfactant treatment in the mix helps the mix wet, drain and perform well early in production. However, as mixes age this surfactant treatment degrades and cannot prevent the development of water repellency. During the later stages of production mixes become more difficult to manage with respect to wetting, draining and rewetting. Consequently, the mix becomes less uniform and less efficient in supplying the plant with the water, air and nutrients that it needs.

So there's the challenge. As plants grow they need adequate amounts of water and nutrients, yet the development of water repellency in the mix reduces the mix's efficiency at meeting those needs. In order for those needs to be met water repellency must be managed in the rootzone.

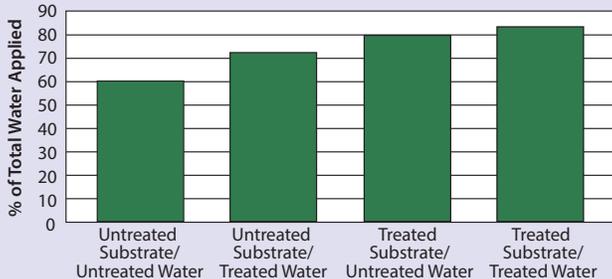


Plants Thrive When They Get What They Need

AquaGro L was developed to overcome water repellency in soiless mixes so they perform at full capacity from the start of production until the plants ship out the door. University research has proven and grower experience has verified that plants thrive when AquaGro L is consistently applied throughout production. This practice ensures that water repellency is addressed on an ongoing, real-time basis so that the mix continues to wet and drain uniformly and all nutrients and soil directed fungicides are available to feed and protect the plant.

- **Reduce water and fertilizer leaching for more efficient and profitable crop production.** AquaGro L gets water and nutrients uniformly into the rootzone.
- **Save money on water and labor.** Incorporate AquaGro L into a water soluble fertilizer program and inject during feeds, or tank mix with a variety of soil-directed drenches.
- **Easy and safe to apply to a wide variety of plants.** Drench over the top of bedding plants, vegetable transplants, pot crops, hanging baskets and nursery plants.
- **Improve plant vigor.** AquaGro L lets you stay in control of the rootzone to keep plants growing optimally.

CROP WATER USAGE - % OF WATER AVAILABILITY Bethke, 1999



AquaGro L makes more water available, saving growers both money and time.