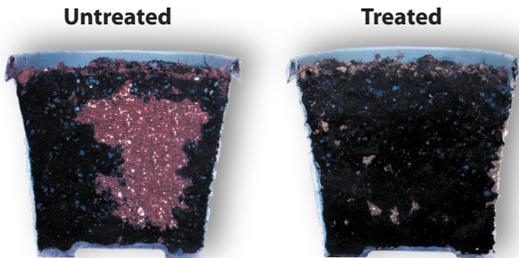


Manage Rootzone Moisture During Production



Water Repellency a Continuing Factor

Soilless 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.

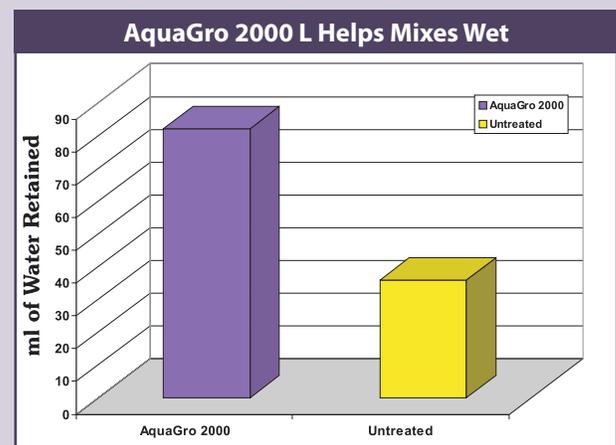
So there's the challenge. As plants grow they need adequate amounts of water and nutrients, yet the development of water repellency in the mix reduces the mix's efficiency at meeting those needs. In order

for those needs to be met water repellency must be managed in the rootzone.

Plants Thrive When they Get What They Need.

AquaGro 2000 L was developed to overcome water repellency in soilless 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 2000 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.

- **Improve plant vigor.** AquaGro® 2000 L lets you stay in control of the rootzone to keep plants growing optimally.
- **Save money on water and labor.** Incorporate AquaGro 2000 L into a water soluble fertilizer program and inject during feeds, or tank mix with a variety of soil-directed drenches.
- **Reduce water and fertilizer leaching for more efficient and profitable crop production!** AquaGro 2000 L gets water and nutrients uniformly into the rootzone.
- **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.





The Challenge of Maintaining Quality Plants at Retail

Of all the mistreatment that plants receive in the retail environment, timely and effective watering tops the list. Over-watering or under-watering result in plant stress that makes it a real challenge to maintain quality. Dried out plants are hard to re-wet and retail outlet personnel often over-water creating other problems. The end result is too many plants that never make it to the cash register meaning lost profits.

One of the key contributors to these problems is the water repellent behavior of soilless mixes. Once allowed to dry, mixes containing peat, bark and even coir exhibit water repellency and are difficult to re-wet. As a result plants do not have access to water they need and wilt. Even

when plants are watered, there is little chance for recovery because the water runs off or through the mix. Once this occurs, it's a downward spiral for the plants and profits.

The Solution to Part of the Problem

These problems can be avoided with a simple drench of AquaGro® 2000 L prior to shipping. AquaGro 2000 L ensures wettability of the soilless mixes even if they have been allowed to dry out in the retail environment. Water from irrigation or rain will penetrate quickly and uniformly into the mix, supplying plants with the water they need to withstand wilting conditions longer and recover from wilt more quickly. This helps maintain quality and protect your investment at retail.

Economical and Easy to Use Insurance

AquaGro 2000 L is inexpensive insurance to protect your plants and profits from the stresses of the retail environment. If just a few more plants survive and are sold, your return on investment will be positive.

AquaGro 2000 L is easy, safe to apply to a wide variety of plants, and can be drenched over the top of bedding plants, vegetable transplants, pot crops, hanging baskets and nursery plants.

The Evidence: *Growers' experiences and university studies have shown that plants treated with AquaGro 2000 L:*

- Maintain better quality
- Sell more quickly than untreated plants
- Provide less shrink at retail
- Produce more plants scanned and paid for
- Increase profits for both the grower and retailer

AquaGro 2000 L	
Concentration Per 100 L	Average Cost (CAD) of Treating 1000 4" pots
10 ppm / 1 ml (every irrigation)	\$0.02
100 ppm / 10 ml (every week)	\$0.20
600 ppm / 60 ml (every month)	\$1.20