



Ornamental

Product Catalog

  AquaTrols®



Aquatrols surfactants and specialty products have helped growers manage water, save money and grow quality plants for more than 50 years.

Media Surfactants/Wetting Agents

Our carefully tested products improve plant vigor during production and survival in harsh retail conditions. Our products strengthen plants by ensuring uniform distribution of water, fertilizers and chemicals into the soil. Start growing more profitable plants with Aquatrols.



Specialty Products

Aquatrols specialty products are engineered to promote efficient use of applied chemicals and water, as well as protect plants and ponds.





Inputs that stay put.

For just fractions of a penny per pot, AquaGro L helps you keep production costs in check by making your water more efficient. When used throughout the production cycle, it promotes the uniform distribution of water, as well as fertilizers, insecticides and fungicides in the rootzone. You'll get better overall performance from these applications, and reduce the loss of costly inputs caused by run-off and leaching.

AquaGro L can save you more than just the cost of wasted product. With less need for handwatering and fewer "trouble spots" to manage, you'll be able to reduce labor costs associated with hand watering and re-application. AquaGro L makes it easier and more efficient to produce a uniform, quality crop.

Keep your sales from wilting.

Even the best quality plants can suffer in the retail environment, but AquaGro L can make sure that your sales don't. AquaGro L keeps media moist longer to prevent wilting, and helps even the driest media re-wet easily for quick recovery from under-watering. A simple drench before shipping is all you need to protect your investment and keep plants looking their best.

During Production*:

- Inject 10 ppm (1/8 ounce per 100 gallons of water) in every irrigation, or;
- Inject 100 ppm (1 ¼ ounces per 100 gallons of water) weekly, or;
- Inject 600 ppm (7 2/3 ounces per 100 gallons of water) every 4 weeks.

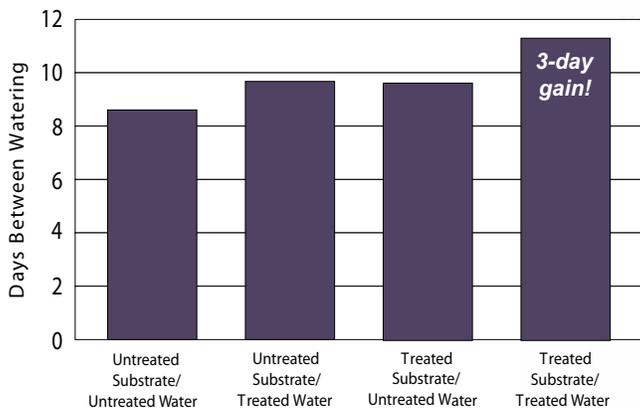
Prior to Shipping:

Inject or drench with 600 ppm (7 ½ ounces per 100 gallons of water) within one week of shipping.

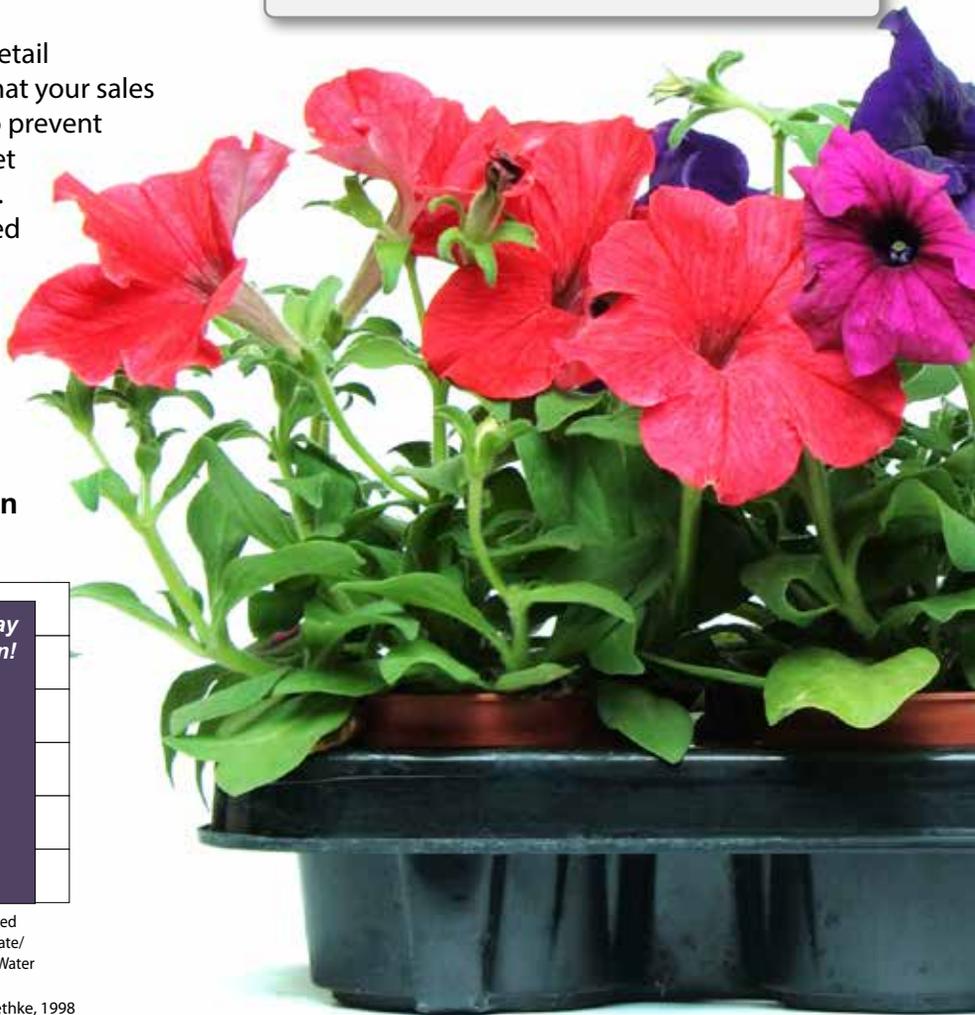
** see AquaGro L injection table at www.aquatrols.com*

Average Days Between Irrigation

New Guinea Impatiens (56-day crop)



Bethke, 1998



In California, AquaGro L with PsiMatric Technology has only been registered for use as an auxiliary soil and plant substance and therefore is not approved or intended to be used in California with a pesticide product or pesticide spray mixture.



Ensure peak performance throughout the growing cycle – right from the start.

Growing media is made of peat and bark that are hydrophobic, resulting in water being unable to spread evenly throughout the soil profile both initially and when re-wetting. This makes it difficult to start plants and keep them growing uniformly throughout production.

AquaGro 2000G ensures the wettability of your peat or bark based mix. It not only provides for fast initial wetting, but also helps plants to get established quickly. Research has shown that the air to water ratio is optimal in mixes treated with AquaGro 2000G. This means healthier, more robust plants.

AquaGro 2000G is easy to add to your mix and will overcome its water repellent properties. The benefit to you is saving money on water, fertilizer and labor.

Preparation of plug or propagation media:

Apply ½ lb per cubic yard of mix. (0.3 kg/m³)

Preparation of flats, pots, hanging baskets, and nursery container mixes:

Apply 1 lb per cubic yard of mix. (0.6 kg/m³)



 **SuperSorb[®]**
Water Absorbant Polymers

SuperSorb makes it easy to keep the water where you want it.

SuperSorb increases the amount of moisture retained in the rootzone, allowing you to reduce watering frequency while increasing plant survival rates. SuperSorb absorbs up to 150 times its weight in water and releases it slowly back into the rootzone in balance with plant water demand. By providing consistent moisture availability, SuperSorb aids in plant establishment and healthy root development.

SuperSorb's ability to extend the time between waterings makes it the perfect solution for large pots, patio planters and hanging baskets that are often neglected by homeowners. By keeping plants thriving long after purchase with minimal upkeep, SuperSorb is the key to repeat customers season after season.



Greenhouse: Use Coarse Grade in pots, hanging baskets, patio planters, and other containers where increased water holding in the mix is beneficial.

Nursery: Use Fine Grade for bare root transplants. Use Coarse Grade in containers and planting holes.

Amending Mixes-SuperSorb C: Incorporate 1 ½ lbs per cubic yard of mix. (0.9 kg/m³)

Transplanting Trees and Shrubs: Use 1 oz per 1 foot rootball diameter or 5 gallon container.

Bareroot Woody Ornamentals, Seedlings: Dip roots in a slurry of 2 ½ oz in 5 gallons of water. (75 g/20 liters)

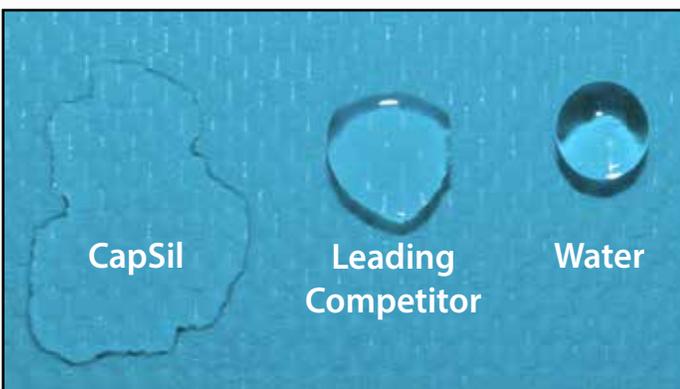


Ensure uniform spreading and coverage.

Waxy leaf surfaces can cause spray droplets to bead up, resulting in coverage gaps which can reduce the efficacy of foliar sprayed materials. CapSil's 100% active blend of organo-silicone and non-ionic surfactants allows foliar directed sprays to spread evenly over the entire leaf surface. It gives you full coverage with every application, ensuring that you get the results you expect from foliar nutrients and pesticides without the labor and expense of repeat treatments.

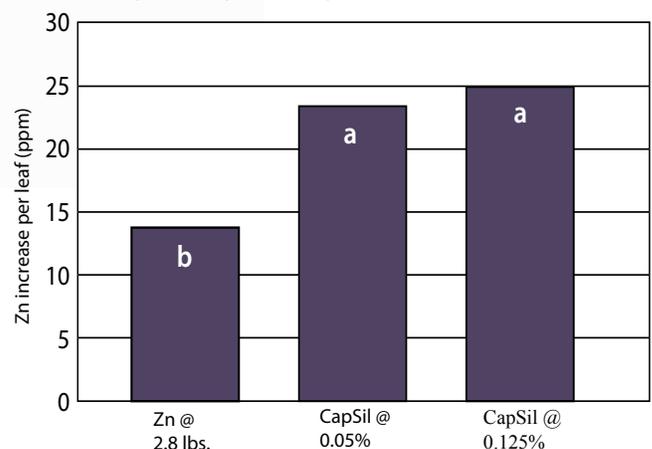
Get cuttings off to a great start.

CapSil's unmatched ability to reduce surface tension makes it indispensable to your misting program. It allows water to spread fully over leaf surfaces for rapid absorption and increased turgidity. Studies show that cuttings callous more quickly and root sooner when treated with CapSil.



CapSil spreads quickly to a thinner film than competing products on difficult to wet surfaces.

CapSil® Improves Uptake of Micronutrients



As an adjuvant with foliar applied pesticides and fertilizers: Apply 6-16 ounces per 100 gallons of water (45-125 ml/100 L). Follow pesticide or fertilizer labels for specific rate recommendations.

Sticking cuttings (poinsettia, geranium, etc.): Prepare 3-4 ounces in 100 gallons of water (30 ml/100 L). Dip cuttings before sticking or spray freshly stuck cuttings immediately following sticking, then begin misting.

Aquatrols
LeafShield[®]
Anti-Transpirant

Preserve plant quality.

LeafShield is a safe, effective and affordable way to reduce moisture stress and protect plants against desiccating weather conditions. LeafShield is safe for use on all plants (including blue spruce and other sensitive varieties) and dries to a thin, waxy layer that protects the leaf without discoloration.

LeafShield's non-sticky formulation washes easily out of spray equipment with soap and warm water.

For Winter Protection

Spray or dip foliage with 8 fl oz of LeafShield per gallon of water (63 ml/L).

For Transplanting and Transporting:

Dip or spray foliage with 4 to 8 fl oz of LeafShield per gallon of water (32-63 ml/L). Use higher dilution for softer plants. Do not dip roots.



Aquatrols
Radiance[™]
Algicide For Lakes and Ponds

Apply initial dose at 1/3 gallon (44 ounces) per acre-foot of water. Apply maintenance dosage of 1/6 gallon (22 ounces) per acre-foot of water. Safe for fish bearing ponds.

(1 acre-foot of water = 326,000 gallons)

Keep irrigation ponds algae-free.

Radiance is the first algaecide that gives you reliable preventative control of algae blooms that can clog irrigation lines. Radiance is a biologically active form of copper with a proprietary carrier designed to self-disperse from a single application point. It remains in active suspension throughout the water column, where it destroys offending algae for up to a month.

Radiance is easy to use –it requires no mixing or agitation, and doesn't need to be sprayed across the entire surface area like other copper-based products. For easy application and best preventative results, rely on Radiance.



1273 Imperial Way • Paulsboro, NJ 08066 USA
856-537-6003 • 800-257-7797 • www.aquatrols.com

Reorder# H-125