

GENERAL INFORMATION

Aquatrols Aqua-Gro®L with PsiMatric™ Technology is a blend of surfactant chemistries specifically designed and developed to correct hydration and water/solute distribution problems associated with peat and/or bark media during production and post-production periods.

DIRECTIONS FOR USE

Initial Substrate Hydration:

PREPARATION OF MEDIA FOR FLATS, POTS, HANGING BASKETS, AND NURSERY CONTAINERS.

Media Treatment: For most mixes, apply 2 - 4 fl oz of Aqua-Gro L per cu yd in enough water to get uniform distribution and mix thoroughly. The surfactant should be applied in 2 gallons of water per cubic yard of mix. Add surfactant to water and agitate or stir. Spray as uniformly as possible while media is blending.

For difficult to wet mixes use 5 - 7 fl oz of Aqua-Gro L per cu yd in enough water to get uniform distribution and mix thoroughly. The surfactant should be applied in 2 gallons of water per cubic yard of mix. Add surfactant to water and agitate or stir. Spray as uniformly as possible while media is blending.

PREPARATION OF PLUG OR PROPAGATION MEDIA.

Apply 2 fl oz of Aqua-Gro L per cu yd in enough water to get uniform distribution and mix thoroughly. The surfactant should be applied in 2 gallons of water per cubic yard of mix. Add surfactant to water and agitate or stir. Spray as uniformly as possible while media is blending.

For Use During Production:

PLANTS IN PRODUCTION Drench with 600 ppm solution of Aqua-Gro L (7.6 fl oz/100 gal of water). Additional drench applications can be applied every 4-6 weeks or following initial drench (see injection table). Aqua-Gro L can be applied by injection through an irrigation system by mixing in a fertilizer stock tank.

If using an untreated mix, drench with 600 ppm solution of Aqua-Gro L (7.6 fl oz/100 gal of water), then reapply at 10 ppm (.13 fl oz/100 gal of water) in each irrigation or 100 ppm (1.3 fl oz/100 gal of water) weekly.

If using a mix containing media surfactant, apply Aqua-Gro L at 10 ppm (.13 fl oz/100 gal of water) in each irrigation or 100 ppm (1.3 fl oz/100 gal of water) weekly.

PLUG PRODUCTION Drench before germination or after first leaf stage with a 300 ppm solution of Aqua-Gro L (3.8 fl oz/100 gal of water).

Pre-Shipment Application For Post-Production Benefit

Apply a 600 ppm drench of Aqua-Gro L (7.6 fl oz/100 gal of water) within 2 weeks of shipment.

Tank Mix

To facilitate the application of Aqua-Gro L, Aqua-Gro L may be applied in conjunction with soil directed pesticides* in a tank mix as a directed soil drench. Aqua-Gro L treatment ensures uniform hydration by distributing water throughout the growing media.

Aqua-Gro L has been found to be compatible with certain pesticides. Pesticide manufacturers may recommend a rate of non-ionic surfactant to be used with their product. Follow the pesticide or active ingredient label recommendations on use of surfactant. However, if the pesticide or active ingredient label does not have a specific recommendation for surfactant use but does not prohibit the use of a non-ionic surfactant, Aqua-Gro L should be applied at the rates listed below. **Careful observation of spray performance in a trial application with the combination of chemicals to be applied is recommended to determine proper and efficient surfactant rates.**

**For enhanced coverage of foliar pesticides use Aquatrols CapSil.*

Aqua-Gro L has been found to be compatible with many commonly used fertilizers. Check physical compatibility, using the correct proportion in a small jar if local experience is unavailable. When mixing with fertilizer, add Aqua-Gro L to the stock tank BEFORE dissolving the fertilizer. Stir the mixture well.

Cuttings For optimum results, use CapSil® foliar adjuvant to reduce wilting on freshly stuck cuttings.

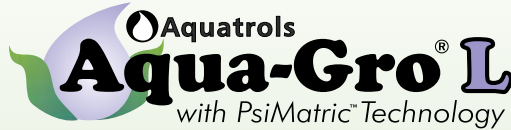
INJECTION TABLE

Ounces of Aqua-Gro L per Gallon of Stock Solution				
Injector Ratios	PPM			
	10	100	300	600
1:300	0.4	3.8	11.5	23.0
1:200	0.3	2.6	7.7	15.5
1:150	0.2	1.9	5.75	11.5
1:128	0.15	1.6	5.0	10.0
1:100	0.1	1.3	3.8	7.6
1:64	0.08	0.8	2.4	4.8
1:50	0.06	0.6	1.9	3.8
1:30	0.04	0.4	1.2	2.4
1:16	0.02	0.2	0.6	1.2

Note: 1 Fluid Ounce = 2 Tablespoons

How to Use This Table

- Determine parts per million (ppm) of Aqua-Gro L you want to inject. Find that number on top row.
- Find injection ratio of your system on the left column.
- Find where the selected row and column intersect; this is the number of ounces of Aqua-Gro L concentrate you need to add to each gallon of stock solution.



All ingredients are exempt from the requirements of a tolerance as specified in 40 CFR 180.1001 ©.

CONTAINS NON-PLANT FOOD INGREDIENTS:

Guaranteed Analysis:

Active Ingredients 99%.....Alkoxyated Polyols
 Inert Ingredient 1%.....Water

NOT RECOMMENDED FOR USE AS A FERTILIZER SUBSTITUTE

1 gal (8.6 lbs)

3.8 L (3.9 kg)

2.5 gal (21.5 lbs)

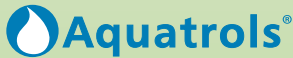
10 L (10.3 kg)

For chemical emergency spill, leak, fire, exposure or accident, call CHEMTREC day or night. Domestic North America 800-424-9300. International call 703-527-3887 (collect calls accepted)

scan for MSDS



LOT NO:



1273 Imperial Way
 Paulsboro, NJ 08066 USA
 1-800-257-7797
 www.aquatrols.com



NOT A PLANT FOOD INGREDIENT.

NJTSRN26934800000-5034

06/12

KEEP OUT OF REACH OF CHILDREN CAUTION

Read entire label for additional precautionary statements FOR PROFESSIONAL OR INDUSTRIAL USE ONLY

For more detailed information call 1-800-257-7797.

STORAGE AND DISPOSAL

- Keep container tightly closed. Store in original container only. Keep in a secure and locked storage area. Do not add water to the contents of this container.
- Triple rinse container, empty rinse water into spray or stock tank. Dispose of empty containers in accordance with federal, state and local law.

PRECAUTIONARY STATEMENTS

- CAUTION; MAY CAUSE IRRITATION. DO NOT GET IN EYES OR ON SKIN.
- AVOID BREATHING VAPOR OR SPRAY MIST.
- AVOID USING PRODUCT IN A MANNER AS TO DIRECTLY, OR THROUGH DRIFT, EXPOSE WORKERS OR OTHER PERSONS.
- ALWAYS CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS) FOR SPECIFIC INSTRUCTIONS.
- APPLICATORS AND OTHER HANDLERS MUST WEAR GOGGLES OR A FACIAL SPLASH SHIELD; CHEMICAL RESISTANT GLOVES, SUCH AS NITRILE RUBBER ≥ 14 MILS OR NEOPRENE RUBBER ≥ 14 MILS; COVERALLS OR LONG SLEEVED SHIRT AND LONG PANTS; SHOES PLUS SOCKS.
- KEEP OUT OF REACH OF CHILDREN.

FIRST AID MEASURES IN CASE OF CONTACT

- EYE:** DO NOT RUB EYES. Immediately flush eyes with large amounts of water for 15 minutes lifting the lower and upper lids. Seek medical attention if necessary.
- SKIN:** Remove contaminated clothing and immediately wash affected area with large amounts of water for at least 5 minutes. If irritation or redness persists, seek medical attention as needed.
- INGESTION:** If person is conscious, give 1 - 2 glasses of water to drink. Seek medical attention. Do not leave victim unattended. Induce vomiting only upon advice from a physician.
- INHALATION:** Not an expected route of exposure. If respiratory irritation or distress occurs, remove victim to fresh air. Seek medical attention if necessary.

Applicators and other handlers should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove protective clothing and equipment after handling. Wash the outside of gloves before removing. Wash thoroughly and change into clean clothing.

For technical information and Material Safety Data Sheet (MSDS), contact Aquatrols at 1-800-257-7797 or visit our website at www.aquatrols.com.

CONDITIONS OF SALE LIMITATION OF LIABILITY AND REMEDIES AQUATROLS CORPORATION OF AMERICA

Injury to the crop on which the product is applied may result from the occurrence of extraordinary or unusual weather conditions, the failure to follow the label directions or good application practices, all of which are beyond the control of the seller. In addition, failure to follow label directions may cause injury to other crops, animals, man, or the environment. This product is to be used and applied according to the label directions by professionals trained in the use of agricultural chemicals. This material is not intended for use by, nor should be used by, consumers. The seller warrants that this product conforms to the chemical description on the label. The seller makes no other warranties or representations of any kind, expressed or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law. The exclusive remedy against the seller for any cause of action relating to the handling or use of this product is claim for damage, and in no event shall damages or any other recovery of any kind against the seller exceed the price of the product which causes the alleged loss, damage, injury or other claim. The seller shall not be liable and any and all claims against the seller are waived, for special, indirect, incidental or consequential damages or expenses, of any nature including but not limited to, loss of profits or income, or any liability incurred by the buyer to any third party in any way arising out of or relating to the handling, repackaging from original container or the relabeling by the buyer or user, or use of this product, whether or not based on the seller's negligence, breach of warranty, strict liability in tort or any other cause of action. The seller offers this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>