



AQUATROLS® Aqua-Gro® L

with PsiMatric™ Technology

Guaranteed Analysis

Active Ingredients - 99.0%.....Alkoxylated Polyols

Inert Ingredients - 1.0%.....Water

NOT A PLANT FOOD INGREDIENT

NJSTRN2693480000-5034



Refer to pamphlet on back for use information and MSDS instructions

In case of emergency or spill contact customer service: 800-424-9300 within the United States or International 703-521-3887 (call collect)

Liquid Formulation

Contents:

<u>US Volume</u>	<u>US Weight</u>
<input type="checkbox"/> 1 gal	8.6 lbs
<input type="checkbox"/> 4 x 1 gal	34.4 lbs
<input type="checkbox"/> 2.5 gal	21.6 lbs
<input type="checkbox"/> 2 x 2.5 gal	43.2 lbs
<input type="checkbox"/> 30 gal	258.9 lbs
<input type="checkbox"/> 55 gal	474.7 lbs
<input type="checkbox"/> 260 gal	2243.8 lbs

<u>Metric Volume</u>	<u>Metric Weight</u>
<input type="checkbox"/> 3.8 L	3.9 kg
<input type="checkbox"/> 4 x 3.8 L	15.6 kg
<input type="checkbox"/> 10 L	10.3 kg
<input type="checkbox"/> 2 x 10 L	20.6 kg
<input type="checkbox"/> 115 L	118.5 kg
<input type="checkbox"/> 210 L	216.3 kg
<input type="checkbox"/> 1000 L	1030 kg

Lot No:

PRECAUTIONARY STATEMENTS

- CAUTION: MAY CAUSE IRRITATION. DO NOT GET IN EYES OR ON SKIN.
- AVOID BREATHING VAPORS OR MISTS.
- AVOID USING PRODUCT IN A MANNER AS TO DIRECTLY, OR THROUGH DRIFT, EXPOSE WORKERS OR OTHER PERSONS.
- ALWAYS CONSULT THE MATERIAL SAFETY DATA SHEET 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 CONTACT: 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 CONTACT: 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.
- IF SWALLOWED: 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.

IN CASE OF EMERGENCY OR SPILL

Contact CHEMTREC at 800-424-9300 or 703-527-3887
(International Customers Call Collect)
NJTSRN 2693480000-5034

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.

CONDITIONS OF SALE

LIMITATION OF LIABILITY AND REMEDIES AQUATROLS CORPORATION OF AMERICA, INC.

Injury to the crop to 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 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 of 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.aapco.org/metals.htm>.



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(800) 257-7797 • Fax (856) 537-6018 • www.aquatrols.com



Guaranteed Analysis
Active Ingredients - 99.0%.....Alkoxyated Polyols
Inert Ingredients - 1.0%.....Water

NOT A PLANT FOOD INGREDIENT



KEEP OUT OF REACH OF CHILDREN
CAUTION
Read entire label for additional precautionary statements.
FOR PROFESSIONAL OR INDUSTRIAL USE ONLY

GENERAL INFORMATION

Aquatrols Aqua-Gro[®]L with PsiMatrix[™]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.

Read CAUTION and precautionary statements carefully before use.

DATE: 03-06

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 a 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).

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 Oz. = 2 Tablespoons

How to Use This Table

- Determine the number of parts per million (ppm) of Aqua-Gro L you want to inject. Find that number on the horizontal row.
- Find the injection ratio of your system on the left hand vertical column.
- Where the parts per million you wish to inject intersects with the injection ratio, that's the number of ounces of Aqua-Gro L concentrate you need to add to each gallon of stock solution.

When mixing with fertilizer, add Aqua-Gro L to the stock tank BEFORE dissolving the fertilizer. Stir the mixture well.

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.

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.

CUTTINGS

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

For more detailed use information, call 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.