



**Aqua-Gro<sup>®</sup> L**  
with PsiMatric<sup>™</sup> Technology



**PROFESSIONAL  
HORTICULTURE**

Water  
Regulating  
Surfactant

# Liquid Formulation

**Stock No. 96122 (4 x 1 gal case)**  
**Stock No. 96132 (2 x 2.5 gal case)**  
**Stock No. 96144 (30 gal)**  
**Stock No. 96154 (55 gal)**  
**Stock No. 96176 (260 gal)**

---

## GUARANTEED ANALYSIS

---

Alkoxylated Polyols ..... 99%  
Other Ingredients..... 1%

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

## GENERAL INFORMATION

Scotts<sup>®</sup> Aqua-Gro<sup>®</sup> L with PsiMatric<sup>™</sup> 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.

---

## BENEFITS

---

- Ensures uniform water movement and hydration of root-zone
- Distributes water and chemicals evenly throughout the container
- Results in increased plant growth with more uniform root growth and distribution
- Lowers production costs due to water use efficiency, by reducing production time and reducing hand watering
- Reduces drying around edges of benches
- Increases plant survival during production and in the stressful retail environment
- Convenient liquid formulation
- Tank mix compatible with Miracle-Gro<sup>®</sup> Excel<sup>®</sup> and Peters<sup>®</sup> Professional fertilizers
- Reduces plant losses, increasing your profits

Distributed By:



The Scotts Company  
14111 Scottslawn Road • Marysville, Ohio 43041  
1-800-492-8255

Peters Professional<sup>®</sup>, Miracle-Gro<sup>®</sup> EXCEL<sup>®</sup>, Miracid<sup>®</sup>, Peat-Lite Special<sup>®</sup>, Terra-Lite<sup>®</sup>, Redi-Earth<sup>®</sup>, Osmocote<sup>®</sup>, Sierra<sup>®</sup>, Metro-Mix<sup>®</sup> and ScottsCoir<sup>®</sup> are registered trade names of Scotts-Sierra Horticultural Products Company. We hope the information given here will be helpful. It is based upon data and knowledge considered to be true and accurate and is offered for the user's consideration, investigation and verification, but we do not warrant the results to be obtained. Please read all statements, recommendations, or suggestions in conjunction with our conditions of sale which apply to all goods supplied by us. No statement, recommendation, or suggestion is intended for any use which would infringe any patent/copyright.

© 2000, The Scotts Company, Marysville, Ohio 43041. World Rights Reserved.  
Printed in U.S.A.

**H5258** Revised 10/00

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

#### Tank Mix

- To facilitate the application of Aqua-Gro® L, Aqua-Gro® L may be applied in conjunction with 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.

#### 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).

#### Cuttings

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

#### 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.

For more detailed use information, call 800-492-8255.

## INJECTION TABLE

Ounces of Scotts® Aqua-Gro® L per gallon of stock solution				
Injector Ratios	PPM Aqua-Gro® L			
	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

1. Determine the number of parts per million (ppm) of Aqua-Gro® L you want to inject. Find that number on the first horizontal row.
2. Find the injection ratio of your system on the left hand vertical column.
3. 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.

## 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 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  $\geq$  14 mils or neoprene rubber  $\geq$  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 if necessary. 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  
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.

## DISCLAIMER AND LIMITATION OF LIABILITY

This product has been researched to provide necessary data to support its uses listed on the label. The user should always follow the label directions and exercise judgment and caution when using this product under their growing conditions. **NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT.** The exclusive remedy of the user or Buyer, and the liability of The Scotts Company or its affiliates, for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing, signed by a duly authorized representative of The Scotts Company.



The Scotts Company  
14111 Scottslawn Road • Marysville, Ohio 43041  
1-800-492-8255  
[www.scottsprohort.com](http://www.scottsprohort.com)

Aqua-Gro, PsiMatric, and CapSil are trademarks of Aquatrols Corporation of America, Inc., Cherry Hill, NJ.