



# AquaGro<sup>®</sup>

## 2000·L

Media Surfactant

Registration Number: 2004015A Fertilizers Act

**Blended Non-ionic Surfactant for Growing Media  
Guaranteed Analysis:**

Active Ingredients:

80%.....Ethoxylated Alkyl Phenols

5%.....Fatty Acid Esters

Inert Ingredient:

15%.....Water



**NOT A PLANT  
FOOD INGREDIENT**

**Not For Use On Food Plants**

**Not For Field Use, Only For Greenhouse Use.**

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

**Contents:**

US Volume

Metric Volume

**Lot #**

1 gal

3.8 L

2.5 gal

10 L

30 gal

115 L

55 gal

208 L

Other

Other

04/04

NJTSRN 26934800000-5037

**Liquid Formulation**



1273 Imperial Way, Paulsboro, NJ 08066

1-800-257-7797 / [www.aquatrols.com](http://www.aquatrols.com)

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**Read entire label for additional precautionary statements**

**FOR PROFESSIONAL OR INDUSTRIAL USE ONLY**

**GENERAL INFORMATION**

AquaGro 2000 L is recommended for use in all types of soilless growing media or growing media. This media surfactant may be used in the production and maintenance of ornamentals, hanging baskets, bedding plants, trees, planters and beds. It ensures easy rewetting and uniform distribution and availability of moisture in the root-zone. Used as directed, an AquaGro 2000 L treatment lasts 4 to 6 weeks and is biodegradable and non-toxic to plants and animals.

## DIRECTION FOR USE

### BEDDING PLANTS, POTTED PLANTS, CONTAINERS, ORNAMENTAL AND FOLIAGE PLANTS

**Media Treatment** - Apply 200 mL/m<sup>2</sup> of AquaGro 2000 L in enough water to get uniform distribution. Moisten soil media and mix thoroughly.

### SEEDLING MEDIA, PROPAGATION MEDIA

**Media Treatment** - Apply 100 mL/m<sup>2</sup> of AquaGro 2000 L in enough water to get uniform distribution. Moisten soil media and mix thoroughly.

**Plants In Production** - Drench initially with 1200 ppm solution of AquaGro 2000 L (120 mL/100 L of water). Use plant maintenance rates thereafter.

**Plant Maintenance** - Reapply AquaGro 2000 L at 10 ppm daily or 100 ppm weekly with liquid feed program, or drench with 1200 ppm solution of AquaGro 2000 L (120 mL/100 L of water) every 12 to 16 weeks and/or before shipping.

**Caution:** Spraying open flowers at concentrations in excess of 500 ppm may harm petals, but will not affect unopened blooms.

**HOLDING AND SHIPPING BALL AND BURLAP PLANTS:** Thoroughly drench ball and burlap stock with a solution 120 mL AquaGro 2000 L in 100 L (1200 ppm through injection system).

**STARTING CUTTINGS:** Spray freshly stuck cuttings with a solution of 25 mL of AquaGro 2000 L in 100 L of water, or inject at a rate of 250 ppm. Spray upper and lower leaf surfaces to the point of run off. A single application should be sufficient.

**WASHING FOLIAGE:** Mix AquaGro 2000 L in water at a rate of 50 mL in 100 L of water, or inject at a rate of 300-600 ppm. Spray to run off.

**INJECTING AQUAGRO 2000 L FOR OPTIMUM BENEFITS AND CONVENIENCE:** The most convenient way to obtain AquaGro 2000 L benefits is by mixing it in your fertilizer stock container and injecting it through your irrigation system. Injecting AquaGro 2000 L gives you the flexibility to choose the program that fits your management practices.

AquaGro 2000 L won't leach from your mix, but it does slowly biodegrade. Injecting AquaGro 2000 L ensures that it will be continuously present in the mix to enhance rapid and uniform wetting and drainage.

### Instructions for Use

If your mix is not already treated with a media wetting agent, we recommend you initially inject AquaGro 2000 L at a rate of 1200 ppm. If you are using a commercial mix chances are it already contains AquaGro, in which case you may maintain the wetting agent benefits throughout production by injecting either 10 ppm daily or 100 ppm weekly. For your convenience Aquatrols has included this AquaGro 2000 L injection Reference Table.

PPM AquaGro 2000 L	5	10	50	100	500	750	1000	1200
1:300	1.5	3.0	15.0	30.0	150	225	300	360
1:200	1.0	2.0	10.0	20.0	100	150	200	240
1:150	0.75	1.5	7.5	15.0	75	112.5	150	180
1:100	0.50	1.0	5.0	10.0	50	75	100	120
1:50	0.25	0.5	2.5	5.0	25	37.5	50	60
1:30	0.15	0.3	1.5	3.0	15	22.5	30	36
1:15	0.07	0.15	0.75	1.5	7.5	11.3	15	18

### How To Use This Table

1. Determine the number of parts per million (ppm) of AquaGro 2000 L you want to inject. Find that number on the top 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 your injection ratio, that's the number of mL of AquaGro 2000 L concentrate you need to add to each Liter of stock solution.

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

When mixing with fertilizer add AquaGro 2000 L to the stock tank before dissolving the fertilizer -- stir the mixture well.

Once AquaGro 2000 L is in solution it will remain in solution indefinitely without further mixing. AquaGro 2000 L is compatible with several horticultural fertilizers and chemicals. However, we recommend pre-testing crops especially if AquaGro 2000 L is applied with plant growth regulators.

## 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 tank. Dispose of empty containers in accordance with federal, province and local law.

## PRECAUTIONARY STATEMENTS

- MAY BE FATAL IF ABSORBED THROUGH THE SKIN. DO NOT GET ON SKIN OR CLOTHING.
- CAUSES EYE IRRITATION. DO NOT GET IN EYES.
- HARMFUL IF SWALLOWED.
- AVOID BREATHING VAPOR OR MIST.
- AVOID USING PRODUCT IN A MANNER AS TO DIRECTLY, OR THROUGH DRIFT, EXPOSE WORKERS OR OTHER PERSONS.
- ALWAYS FOLLOW THE PRECAUTIONARY STATEMENTS ON THE LABEL OF THE PESTICIDE (S) OF MICRONUTRIENTS THAT ARE TO BE USED WITH AQUAGRO 2000 L
- 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 AND MIST FILTERING RESPIRATOR.
- KEEP OUT OF REACH OF CHILDREN.
- WHEN WORK CONDITIONS ARE SUCH THAT AEROSOLS OR MISTS MAY BE GENERATED OR PRESENT, USE A SUITABLE NIOSH/MSHA APPROVED RESPIRATOR.

## 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 15 minutes. If irritation or redness persists, seek medical attention as needed.
- **IF SWALLOWED:** If person is conscious, give large amounts of water to drink. Seek medical attention if necessary. Induce vomiting only upon advice from a physician.
- **INHALATION:** Move individual to fresh air and check to ensure adequate respiration. Seek medical attention immediately.

## IN CASE OF EMERGENCY OR SPILL

Contact CHEMTREC 1-800-424-9300 within the United States or International 1-703-527-3887 (call Collect)

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 1-800-257-7797 or 1-856-537-6003 or visit our website at [www.aquatrols.com](http://www.aquatrols.com)**

## 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.