



HYDRATION



AQUAGRO[®] L

WITH PSIMATRIC TECHNOLOGY

CONTAINS BENEFICIAL SUBSTANCES:

Soil Amending Guaranteed Analysis:

Active Ingredient	99.0%	Modified Alkoxylated Polyols
Inert Ingredient	01.0%	Water

NOT RECOMMENDED FOR USE AS A FERTILIZER SUBSTITUTE

NOT A PLANT FOOD INGREDIENT.

KEEP OUT OF REACH OF CHILDREN

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

FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE,
EXPOSURE OR ACCIDENT CONTACT: CHEMTREC
800-424-9300 within the United States and Canada,
or 703-527-3887 for international collect calls.

NET CONTENTS: 2.5 gal (9.46 L)

Net Weight: 21.6 lbs (9.79 kg)

Density: 8.629 lb/gal at 68°F



AquaGro®L with PsiMatriC™ Technology is a proprietary 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.

General Information

WHAT IT DOES: AquaGro L is designed to correct hydration and water/solute distribution issues.

WHERE AND WHEN TO USE: AquaGro L may be used on vegetables, and other crops grown in peat and/or bark media.

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 AquaGro L per cu yd (77 - 155 mL/m³) in enough water to get uniform distribution and mix thoroughly. The surfactant should be applied in 2 gallons (9.9 L) of water per cubic yard (m³) of mix.

For difficult-to-wet mixes, use 5 - 7 fl oz of AquaGro L per cu yd (194 - 271 mL/m³) in enough water to get uniform distribution and mix thoroughly.

PREPARATION OF PLUG OR PROPAGATION MEDIA.

Apply 2 fl oz of AquaGro L per cu yd (77 mL/m³) in enough water to get uniform distribution and mix thoroughly. The surfactant should be applied in 2 gallons (9.9 L) of water per cubic yard (m³) 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 AquaGro L (7.6 fl oz/100 gal of water, or 600 mL/1000 L of water). Additional drench applications can be applied every 4-6 weeks or following initial drench (see injection table).

AquaGro 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 AquaGro L (7.6 fl oz/100 gal of water, or 600 mL/1000 L of water), then reapply at 10 ppm (.13 fl oz/100 gal of water, or 10 mL/1000 L of water) in each irrigation or 100 ppm (1.3 fl oz/100 gal of water, or 100 mL/1000 L of water) weekly.

If using a mix containing media surfactant, apply AquaGro Lat 10 ppm (.13 fl oz/100 gal of water, or 10 mL/1000 L of water) in each irrigation or 100 ppm (1.3 fl oz/100 gal of water, or 100 mL/1000 L of water) weekly.

Pre-Shipment Application For Post-Production Benefit:

Tank Mix:

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

AquaGro 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, AquaGro 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.

AquaGro 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 AquaGro L to the stock tank BEFORE dissolving the fertilizer. Stir the mixture well.

Cuttings:

Spray leaf surfaces to run-off or dip cuttings using a solution concentrate of 300 to 600 ppm; or about 4 fl oz to 8 fl oz per 100 gallons; or about 30 - 60 mL/100 L (approximately 1/4 to 1/2 teaspoon per gallon or litre).

Injection Table

Ounces of AquaGro 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

Injection Table

mL of AquaGro L per Litre of Stock Solution				
Injector Ratios	PPM			
	10	100	300	600
1:300	3.1	29.7	89.8	179.7
1:200	2.3	20.3	60.2	121.1
1:150	1.6	14.8	44.9	89.8
1:128	1.2	12.5	39.1	78.1
1:100	0.8	10.2	29.7	59.4
1:64	0.6	6.3	18.8	37.5
1:50	0.5	4.7	14.8	29.7
1:30	0.3	3.1	9.4	18.8
1:16	0.2	1.6	4.7	9.4

Note: 1 fluid ounce / 29.6 mL = 2 Tablespoons

Determine the number of parts per million (ppm) of AquaGro 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 oz/ml of AquaGro L concentrate you need to add to each gallon/litre of stock solution.

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


The
Aquatrols®
Company

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1-800-257-7797 | aquatrolscompany.com



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For difficult-to-wet mixes, use 5 - 7 fl oz of AquaGro L per cu yd (194 - 271 mL/m³) in enough water to get uniform distribution and mix thoroughly.

PREPARATION OF PLUG OR PROPAGATION MEDIA.

Apply 2 fl oz of AquaGro L per cu yd (77 mL/m³) in enough water to get uniform distribution and mix thoroughly. The surfactant should be applied in 2 gallons (9.9 L) of water per cubic yard (m³) 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

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If using a mix containing media surfactant, apply AquaGro L at 10 ppm (.13 fl oz/100 gal of water, or 10 mL/1000 L of water) in each irrigation or 100 ppm (1.3 fl oz/100 gal of water, or 100 mL/1000 L of water) weekly.

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Injection Table

Injector Ratios	mL of AquaGro L per Litre of Stock Solution			
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1:300	3.1	29.7	89.8	179.7
1:200	2.3	20.3	60.2	121.1
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Precautionary Statements/First Aid Measures in Case of Contact

Precautionary Statements

- Caution: May cause irritation. Do not get in eyes.
- Avoid breathing vapours or mists.
- Avoid using product in a manner as to directly, or through drift, expose workers or other persons.
- Always consult the 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:** 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:** 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 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 Safety Data Sheet (SDS), contact Aquatrols at 1-800-257-7797 or visit our website at www.aquatrols.com.

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 and empty rinse water into spray or stock tank. Dispose of empty containers in accordance with federal, state and local law.

Condition of Sale

Limited Warranty and Limitations of Liability and Remedies

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If the terms are not acceptable, do not use the product and instead, return the unopened product container immediately. By using this product, you accept the following Conditions, Disclaimer of Warranties and Limitation of Liability.

For technical information, contact Aquatrols Corporation at 800-257-7797. Information regarding the contents and levels of metals in this product is available on the internet at www.aapfco.org/metals.html

CONDITIONS: The directions for use on this label are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Insufficient performance or 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 control of Aquatrols Corporation. In addition, failure to follow label directions may cause poor performance, injury to crop, animals, human, or the environment. You assumed all such risks by using this product.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, AQUATROLs CORPORATION 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, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL AND NO SUCH WARRANTY SHALL BE IMPLIED BY LAW. No agent of Aquatrols Corporation is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, Aquatrols Corporation disclaims and any and all claims are waived any liability whatsoever for special, incidental or consequential damages or expense of any nature, including, but not limited to, loss of profit or income, resulting from the use or handling of this product.

LIMITATION OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, the remedy for any losses or cause of action relating to injuries, damages or the handling or use of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or, at Aquatrols Corporation's election, the replacement of the product. Aquatrols shall not be liable and any and all claims against Aquatrols are waived for special, indirect, incidental or consequential damages or expense of any nature, including, but not limited to, loss of profit or income.