

AQUA·AID**REGULATOR®****Horticultural Root
Substrate Surfactant****CONTAINS NON-PLANT FOOD INGREDIENT:****Active Ingredient**

- 99% Non-ionic polyols
- 1% Inert ingredients

GENERAL INFORMATION

REGULATOR will help remedy the effects of water repellency in soilless mixes. Using **REGULATOR** will allow for uniform wetting and more efficient use of applied water from initial planting until end user delivery.

REGULATOR is easy to use and will not harm plantings when used in accordance with product directions.

CONDITIONS OF SALE**WARRANTY AND LIMITATION OF LIABILITY**

AQUA-AID, INC. (Seller) warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with the stated directions under normal conditions of use. Buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of Seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

AQUA-AID GUARANTEE

REGULATOR comes with a 100% money back guarantee. If you are not satisfied with **REGULATOR** for any reason after trying the product at recommended rates, AQUA-AID, INC. will refund your money in full.

HAZARD STATEMENT(S)

Product is not classified as hazardous.

PRECAUTIONARY STATEMENT(S)

Keep out of reach of children. Read label before use. In case of eye contact, flush eyes with water. If swallowed, give water or milk. If eye or skin irritation occurs or you feel unwell, get medical advice/attention.

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

NET CONTENTS

- 2.5 Gallons (9.46 L)
- 5 Gallons (18.93 L)
- 30 Gallons (113.6 L)

NET WEIGHT

- 21.70 Lbs (9.84 Kg)
- 43.40 Lbs (19.69 Kg)
- 260.4 Lbs (118.1 Kg)

8.68 Lbs/gal at 68° F (1.04 Kg/L at 20° C)

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**MADE
IN
USA****DIRECTIONS FOR USE - SUBSTRATE PREPARATION****Nursery Containers, Pots, Flats, Plugs, or Propagation**

Apply **REGULATOR** at 2 to 4 ounces in 2 gallons of water per cubic yard of substrate (75 to 150 ml in 10 L of water per cubic meter). Add surfactant to water and agitate or stir. Spray solution as uniformly as possible while blending with media. Mix thoroughly.

Difficult to wet mixes: Apply **REGULATOR** at 5 to 7 ounces in 2 gallons of water per cubic yard of substrate (200 to 300 ml in 10 L of water per cubic meter). Add surfactant to water and agitate or stir. Spray solution as uniformly as possible while blending with media. Mix thoroughly.

DIRECTIONS FOR USE - PLANTS IN PRODUCTION**Nursery Containers, Pots, or Flats**

Drench with 600 ppm solution of **REGULATOR** (8 ounces per 100 gallons / 300 ml per 500 liters of water). Additional drench applications can be applied every 4 to 6 weeks following initial drench.

REGULATOR 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, then reapply at 10 ppm in each irrigation or 100 ppm weekly.

If using a mix containing a media surfactant, apply **REGULATOR** at 10 ppm in each irrigation or 100 ppm weekly.

When mixing with fertilizer, add **REGULATOR** to the stock tank BEFORE dissolving the fertilizer. Stir the mixture well.

Plug Or Propagation

Drench before germination or after first leaf stage with a 300 ppm solution of **REGULATOR** (4 ounces per 100 gallons / 150 ml per 500 liters of water).

Pre-Shipment Application

Apply a 600 ppm drench of **REGULATOR** (8 ounces per 100 gallons / 300 ml per 500 liters of water) within 2 weeks of shipment.

INJECTION TABLE

Ounces of REGULATOR per Gallon of Stock Solution (ml / L)				
Injector Ratios	PPM REGULATOR			
	10	100	300	600
1:300	0.40 (3.13)	3.8 (29.7)	11.5 (89.8)	23.0 (179.7)
1:200	0.30 (2.34)	2.6 (20.3)	7.7 (60.1)	15.5 (121.1)
1:150	0.20 (1.56)	1.9 (14.8)	5.7 (44.9)	11.5 (89.8)
1:128	0.15 (1.17)	1.6 (12.5)	5.0 (39.1)	10.0 (78.1)
1:100	0.10 (0.78)	1.3 (10.1)	3.8 (29.7)	7.6 (59.4)
1:64	0.08 (0.62)	0.8 (6.2)	2.4 (18.7)	4.8 (37.5)
1:50	0.06 (0.47)	0.6 (4.7)	1.9 (14.8)	3.8 (29.7)
1:30	0.04 (0.31)	0.4 (3.1)	1.2 (9.4)	2.4 (18.7)
1:16	0.02 (0.16)	0.2 (1.6)	0.6 (4.7)	1.2 (9.4)