

HORTICULTURAL ROOT SUBSTRATE SURFACTANT

REGULATOR®



ACTIVE INGREDIENTS:

99% Polyols



NOT A PLANT FOOD INGREDIENT

REGULATOR is designed to 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 enduser delivery.

USE DIRECTIONS

SUBSTRATE PREPARATION – NURSERY CONTAINERS, POTS, FLATS

Apply 2 to 4 ounces of **REGULATOR** in 2 gallons of water per cubic yard of substrate (80 to 160 ml in 10 liters of water per cubic meter). Add surfactant to water and agitate or stir. Spray as uniformly as possible while media is blending. Mix thoroughly.

Difficult to wet mixes: Apply 5 to 7 ounces of **REGULATOR** in 2 gallons of water per cubic yard of substrate (150 to 210 ml in 10 liters of water per cubic meter). Add surfactant to water and agitate or stir. Spray as uniformly as possible while media is blending. Mix thoroughly.

SUBSTRATE PREPARATION – PLUG OR PROPAGATION

Apply 2 to 4 ounces of **REGULATOR** in 2 gallons of water per cubic yard of substrate (80 to 160 ml in 10 liters of water per cubic meter). Add surfactant to water and agitate or stir. Spray as uniformly as possible while media is blending. Mix thoroughly.

PLANTS IN PRODUCTION – NURSERY CONTAINERS, POTS, FLATS

Drench: Drench with a 600 ppm solution of **REGULATOR** (7.6 ounces per 100 gallons of water or 240 ml per 400 liters of water). Additional drench applications can be applied every 4 to 6 weeks following initial drench.

Injection: **REGULATOR** can be applied by injection through an irrigation system by mixing in a fertilizer stock tank. If using an untreated mix, drench with a 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.

PLANTS IN PRODUCTION – PLUG OR PROPAGATION

Drench before germination or after first leaf stage with a 300 ppm solution of **REGULATOR** (3.8 ounces per 100 gal of water or 120 ml per 400 liters of water).

PRE-SHIPMENT APPLICATION

Apply a 600 ppm drench of **REGULATOR** (7.6 ounces per 100 gallons of water or 240 ml per 400 liters of water) within 2 weeks of shipment.

INJECTION TABLE

PPM REGULATOR	10	100	300	600
Injector Ratio	Ounces of REGULATOR per Gallon Stock Solution			
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

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.

CAUTION

KEEP OUT OF THE REACH OF CHILDREN. MAY BE HARMFUL IF SWALLOWED. EYE IRRITANT. Contains non-ionic wetting agents and surfactants. In case of eye contact, flush eyes with water. If swallowed, give water or milk. Call a physician.

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.

NET CONTENTS / NET WEIGHT

- ☐ 2.5 gal (9.46 l) / 21.43 lbs (9.72 kg)
- ☐ 5 gal (18.9 l) / 42.85 lbs (19.44 kg)
- ☐ 30 gal (113.5 l) / 257.1 lbs (116.6 kg)



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