



SOAX[®] Liquid Wetting Agent

Commercial horticultural producers use liquid SOAX[®] Wetting Agent in constant feed injection programs to improve growth media water holding capacities and distribution of nutrients for their entire crop cycle. Commercial growers that prepare their own growth media mixes, blend either a liquid or dry granular formula into the material in a continuous mixing line or batch style mixer to overcome the resistance to initial wetting of materials, such as peat moss.

Benefits of Using SOAX[®] Wetting Agent in a Constant Feed Program

1. **Overall Better Crop Performance** – SOAX[®] Wetting Agent increases the available “feeding” sites for plant roots by creating a uniform moisture profile throughout the root zone.
2. **Improved Drainage** – SOAX[®] Wetting Agent prevents water masses from forming, allowing for more consistent air-to-water ratios, which in turn yields healthy and vigorous plant growth.
3. **Eliminate Spot Watering** – Reduce labor costs by eliminating the need for spot watering. With SOAX[®] Wetting Agent, peat moss wets and re-wets quickly and uniformly.
4. **Uniform Moisture** – When irrigated, water is evenly dispersed and nutrients are used efficiently throughout the entire root zone.

How to use SOAX[®] Liquid Wetting Agent for Continuous Feed Program

The proper procedure of mixing the product is critical to achieving good results. Use as follows:

- Determine the number of parts per million of SOAX[®] you want to inject for stock solution preparation. Follow the table on the backside of these instructions to determine the rate required.
- Use room temperature water (60°F-80°F/ 15°C-26°C), not to exceed 90°F(32°C).
- Order of Mixing: Add SOAX[®] slowly to water while stirring product.
- Should you choose to incorporate fertilizers, it is recommended that you first check the compatibility of the added soluble material with SOAX[®]. Mix a small amount of all the ingredients together and allow them to stand overnight to determine agreeability.



SMITHERS-OASIS U.S.A.



P.O. BOX 118, KENT, OH 44240

oasis[®]
GROWER PRODUCTS

(800) 321-8286



FAX (800) 447-0813

Rate of Application:

SOAX® Liquid Wetting Agent

Seedling/ Propagation Media.....3.0 oz./cubic yard
 Bedding Plant/ Pot Plant Media.....5.0 oz./cubic yard
 Woody Ornamental Media..... 8.0 oz./cubic yard

Concentration Required:

Media in use with no wetting agent...400ppm Maintenance program for constant feed...10ppm
 (seedling or propagation media)
 Media in use with no wetting agent...1200ppm Maintenance program for weekly feed.....100ppm
 (bedding plant or potting media)

INJECTOR RATIO FOR SOAX® WETTING AGENT LIQUID

*Add SOAX® Liquid Wetting Agent slowly to room temperature water and stir while pouring to obtain the desired concentration.
 FOLLOW ALL LABEL DIRECTIONS!*

Injector Ratio	PARTS PER MILLION				
	10ppm	100ppm	150ppm	400ppm	1200ppm
SOAX®					
	Fluid oz. per gallon in stock solution				
1:16	0.020	0.20	0.3	0.8	2.4
1:30	0.038	0.38	0.6	1.5	4.6
1:50	0.064	0.64	1.0	2.6	7.7
1:64	0.082	0.82	1.2	3.3	9.8
1:100	0.128	1.28	1.9	5.1	15.4
1:128	0.164	1.64	2.5	6.6	19.7
1:150	0.192	1.92	2.9	7.7	23.0
1:200	0.256	2.56	3.8	10.2	30.7
1:300	0.384	3.84	5.8	15.4	46.1

How to use this chart:

1. Determine number of parts per million (ppm) of SOAX® you want to inject. Find that number on the first horizontal row.
2. Find injection ratio of your system on the left hand, vertical column.
3. Where the ppm you wish to inject intersects with the injection ratio, that's the number of ounces of SOAX® Liquid you need to add to each gallon of stock solution.

DO NOT APPLY directly to plant flowers. This product may cause spotting on petals.