

## Creating a uniformly moist environment for vigorous plant growth

Available in liquid or granular form, OASIS® *Soax*® Wetting Agent provides commercial growers with an easy way to improve uniformity, quality and efficiency of their growing media during crop production and beyond. To create the best possible environment for all plant roots, growers have two options with *Soax* Wetting Agent: liquid and granular. Use the liquid in constant feed injection programs to improve water holding capacity and distribution of nutrients for the entire crop cycle. The liquid or granular formulation can easily be added in a continuous mixing line or to a batch-style mixer used by growers who prepare their own media to overcome the resistance to initial wetting of materials, such as peat moss. Whether it's liquid or granular, *Soax* Wetting Agent ensures the media is uniformly moist for better plant growth.

*Soax* Wetting Agent achieves uniformity in growing media by evenly dispersing water and nutrients throughout the entire root zone. And as a result, it prevents water masses from forming and spot drying from occurring. This ensures air-to-water ratios are uniform throughout the entire root zone and increases the available feeding sites for plant roots.

### OASIS® *Soax*® Wetting Agent

Item Code	Product Description	Unit of Sale
5900	Liquid 1-Gallon Jug	4 units/case
5905	Liquid 5-Gallon Pail	1 pail
5930	Liquid 55-Gallon Drum	1 drum
5936	Granular 120-Pound Drum	1 drum

### OASIS® *Soax*® Granular Wetting Agent

*Soax* Granular Wetting Agent is applied during the blending of the potting mix. Application rates are as follows:

- Bedding/Pot Plant Growing Media: Incorporate 1lb. *Soax* Granular per cubic yard by thoroughly mixing or tumbling.
- Seedling Propagation Media: Incorporate 1/2 lb. *Soax* Granular per cubic yard by thoroughly mixing or tumbling.

Determine the potting mix batch size and measure the correct weight of *Soax* Granular for the batch size. For example, if the normal batch is two cubic yards, measure out 2 pounds by weight (or 14 cups by volume) of *Soax* Granular.

- Distribute *Soax* as evenly as possible onto the potting mix materials prior to blending. *Soax* Granular can also be added and blended with a number of other dry charge stocks, such as dolomitic limes or fertilizer materials, prior to blending. As with all pre-blends, it is wise to test your specific compatibility of the product on a small scale first.
- *Soax* Granular should be used with approved respiratory protection equipment and clothing. See product label for Hazards, Storage and Disposal. Keep the *Soax* Granular container closed when not in use.

FOLLOW ALL LABEL DIRECTIONS! If you have any questions, please call 800.321.8286 for technical help.



## OASIS® *Soax*® Wetting Agent

### Features and Benefits

*Soax* Wetting Agent improves overall crop growth and performance. In addition, growers benefit from:

- Increased "feeding" sites for plant roots due to the uniform moisture profile
- Reduction in water pockets and dry patches
- Even air-to-water ratios throughout root zone, promoting vigorous growth
- Reduced labor costs by eliminating the need for spot watering
- Efficient utilization of water and nutrients applied to the growing media

**Soax**®  
WETTING  
AGENT

## OASIS® Soax® Wetting Agent: Adding advanced technology to nature

One simple solution that creates a better uniform environment for growing



OASIS® Soax®  
Granular



OASIS® Soax®  
Liquid - 1 Gallon Jug



OASIS® Soax®  
Liquid - 5 Gallon Pail



OASIS® Soax®  
Granular and Liquid

### Directions/Application Rates for Soax® Liquid

Treatment per CU. YD. (CU. Meter) by Volume		Rates for Plants in Production	
Seedling/Propagation Media	3.0 oz. (90 ml)	Initial application for media without a wetting agent:	
Bedding Plant/Pot Plant Media	5.0 oz. (150 ml)	Seedling/Propagation Media	400 ppm
Woody Ornamental Media	8.0 oz. (240 ml)	Bedding/Potted Plant Media	1200 ppm
		Crop maintenance for media with a wetting agent (ppm volume/volume in water):	
		Constant feed maintenance program	10 ppm
		Weekly feed maintenance program	100 ppm

### OASIS® Soax® Liquid Wetting Agent

The proper procedure of mixing the product is critical to achieving good results. Determine the number of parts per million of *Soax* you want to inject for stock solution preparation. Follow the table below to determine the rate required. Add *Soax* Liquid Wetting Agent slowly to room temperature water and stir while pouring to obtain the desired concentration.

Injector Ratio for Soax Liquid Wetting Agent (Fluid oz. per gallon in stock solution)					
Soax	10ppm	100ppm	150ppm	400ppm	1200ppm
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

Use room temperature water (60°F-80°F/ 15°C-26°C), not to exceed 90°F (32°C).

- 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.

### 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 injector ratio of your system on the left hand, vertical column.
3. Where the ppm you wish to inject intersects with the injector 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.

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