



# LIQUID SOIL WETTING AGENT

**A Non-ionic liquid soil wetting agent which ensures uniform distribution and availability of moisture in the root zone, reduces evaporative water loss, and aids in water penetration. Prevents the problems of too little or too much water. It is non-toxic to plants and animals and biodegradable.**

**ACTIVE INGREDIENTS:**

Alkyl Aryl Polyoxyethylene glycol ethers.....	49.90%
Ethoxylated Fatty Acid Derivatives.....	49.90%
Silicone Antifoam concentrate.....	.20%
<b>TOTAL:</b> .....	<b>100.00%</b>

**NOT A PLANT FOOD PRODUCT  
CAUTION: Keep Out of Reach of Children**

May be harmful if swallowed. Avoid contact with eyes.  
Flush eyes with large volumes of water.  
**DO NOT RUB.** Contact a physician.

**GENERAL INFORMATION**

SA-50 Brand Soil Wetting Agent is recommended for use in the installation and maintenance of turf, ornamentals, trees, hanging baskets, bedding plants, planters and beds. It ensures uniform distribution and availability of moisture in the rootzone. Used as directed a treatment lasts three to four months and is biodegradable and non-toxic to plants and animals.

**BENEFITS FOR TURF**

1. Aids water penetratin into and through compacted and hydrophobic soils.
2. Helps water penetrate heavy thatch for more uniform soil wetting and improved distribution of fertilizer and pesticides.
3. Reduces water loss and erosion caused by run-off.
4. Moves available water deep in the rootzone to promote healthy roots and reduce evaporative water loss.
5. Promotes fast water infiltration to keep puddles from forming.
6. Allows water penetration through layered soils to encourage vigorous roots.

**BENEFITS FOR ORNAMENTALS and LANDSCAPES**

1. Increases the speed of initial wetting and rewetting of soil and soilless mixes.
2. Reduces hand watering and irrigation frequency saving water and labor.
3. Improves the uniform movement of water into and through flats, containers and rootballs.
4. Decreases shrinkage, run-off and channeling, so more water gets to the rootzone.
5. Improves leaching of harmful salts from plant containers.

**Southern Agricultural Insecticides, Inc.**

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# DIRECTIONS FOR USE

## FOR GENERAL USE IN SPRAY MIXTURES:

Where soil penetration of pesticides are desired. Use 8 to 16 ounces per acre or 100 gallons of spray. Add to the spray tank after other materials have been thoroughly mixed with water.

Liquid Soil Wetting Agent may increase the possibility of plant injury from pesticides. Do not use on plants in bloom.

Site	Application	Rate	Directions
Lawns Fairways Sports Fields	Initial	2 1/2 gal./acre or 8 oz./1000 sq. ft.	Apply as a thorough cover spray.
	Maintenance	2 1/2 gal./acre or 8 oz./1000 sq. ft.	Apply at 3-4 month intervals or apply 2 oz./1000 sq. ft. monthly.
	Problem areas	8 oz./1000 sq. ft.	Apply weekly until problem is alleviated
Greens, Tees	Initial	16 oz./1000 sq. ft.	Apply as a thorough cover spray 2 - 8 oz. applications 1 week apart may be used.
	Maintenance	8 oz./1000 sq. ft.	Apply monthly or use 2 oz./1000 sq. ft. weekly
	Problem areas	8 oz./1000 sq. ft.	Apply weekly until problem is alleviated.
Landscape installation and Maintenance - Trees & Beds	New Planting -Trees	32 oz./100 gal. of water	Drench with 3 gals. of solution per foot diameter of hole.
	New Planting - Beds	8 oz./5 gals. water/ 1000 sq. ft. or 2 1/2 gals. in 50 gals. water/acre	Water in thoroughly immediately after application.
	Maintenance	8 oz./5 gals. of water/1000 sq. ft.	Water in thoroughly immediately after application.
Bedding Plants Propagating Cuttings, Containers, Ornamental & Foliage Plants	Media Treatment	9 oz./cu. yd.	Dilute with 27 gals. of water. Moisten media and mix thoroughly.
	Plants in Production	2000 ppm 26 oz./100 gal. of water.	Drench initially and use maintenance rate thereafter.
	Plant Maintenance	10 - 15 ppm daily or 100 ppm weekly	Apply with liquid feed program or drench with 20 oz./100 gals. of water (1500 ppm) every 10- 12 weeks
	Shipping	20 oz. 100 gals. of water	Drench thoroughly before shipping
B & B Stock Plants	Holding & Shipping	32 oz./100 gal. of water	Drench thoroughly. For injection systems, use 2500 ppm.
Hydroseeding		32 Oz./500 gals. of water in hydroseeding solution	Use during hydroseeding to improve establishment of seeds and to reduce erosion.
Turf	Dew & frost control	2 oz./3-4 gals. of water/1000 sq. ft.	Apply using a thorough cover spray. As treated blades are mowed, control will decrease. Reapply as needed.

1. To prevent discoloration of turf during stress conditions, use the spreadable granular formulation.
2. Use 1/2 rate for mixes used for seed germination and plug mixes. SA-50 spreadable Granular Soil Wetting Agent may be substituted for SA-50 Liquid Soil Wetting Agent when mixing media.
3. May be injected in combination with fertilizer or pesticide programs. Buyer assumes all risks of use, storage or handling not in strict accordance with the Directions For Use and Precautions stated on this label.

**NON-WARRANTY:** Seller makes no warranty, expressed or implied as to the use of this material. Buyer assumes all risk and liability for results obtained by use or handling of this material whether or not in accordance with the directions or claimed so to be.