



**CleanPlantsHappyPlants SOS SOIL OPTIMIZING SHAMPOO™**

*When the vision of the lawn in your mind is better than the view of the grass in your yard, you need CleanPlantsHappyPlants Lux Law-N Turf Conditioner™!*

1. **NO CleanPlantsHappyPlants™ product contains ANY dioxane or ethylene oxide, both known to cause cancer, mutations, and birth defects but are often present in many soaps, cleaners, degreasers, insecticides, and agricultural products, even among those claiming to be "green".** 2. As with all the other products in the **CleanPlantsHappyPlants™** family,

2. As with all the other products in the **CleanPlantsHappyPlants™** Family, the **CleanPlantsHappyPlants SOS SOIL OPTIMIZING SHAMPOO™** is powered by **QuantumMaxx™**, a proprietary Nano Colloidal Solution containing processed extracts of natural plants such as Almonds, Coconut, Corn, Grains, Sugar Cane, Tree Sap, Food Grade Chelation, Scent, Coloring and Bio-Preferred wetting agents in a colloidal mycelle base with its nearly miraculous facilitating capabilities.



3. **CleanPlantsHappyPlants SOS SOIL OPTIMIZING SHAMPOO™** is available in concentrated form for diluting/premixing as well as "RTU"

(Ready To Use) in quarts, gallons, 4 gallon packs, 55 gallon drums, and 250 gallon "totes". It can be spritzed with a small spray or squirt bottle (practical for house or office plants, not recommended for large areas), or applied with a pressurized garden sprayer, a garden hose applicator, a tractor-pulled multi-furrow tank fed sprayer, or rigged to an irrigation system.



4. While a 1 quart RTU spray bottle is very convenient, especially for working with house or office plants, it is not as economical as buying a higher concentrate and mixing with chlorine-free water. Pound for pound, container for container, shipping weights are the same whether purchasing a concentrated or diluted product. Where one ounce of concentrate can be mixed on site with a whole gallon of good water, it makes better sense to buy the concentrate and pay shipping and container costs once instead of 128 times.

5. **USES.**

**This is an enhanced augmenting product to the original solution that sparked an [agricultural revolution](#). CleanPlantsHappyPlants SOS SOIL OPTIMIZING SHAMPOO™ is designed to be used in conjunction with the rest of the CleanPlantsHappyPlants™ family of products. It is the concentrated solution of choice for gaining deep penetration into the soil, unleashing the nutrients already there, unlocking the plants' root systems, and facilitating the transport of nutrients via those root systems.**

6. **Preparation for water-fed or hose-powered sprayer.**

- A. Fill hose-powered or hose-fed sprayer reservoir with full strength **PRESSURE SPRAYER CONCENTRATION of CleanPlantsHappyPlants SOS SOIL OPTIMIZING SHAMPOO™.**
- B. Set dilution/delivery dial to ONE (1) OUNCE per ONE (1) GALLON of water. (Use TWO OUNCES of product per gallon of water for badly used, abused, or neglected soil for the first two treatments.)

7. **Getting product to a Ready to Use ("RTU") dilution for disbursement from any other type of sprayer or delivery device than a water-fed or powered sprayer.**

- A. Choose a container based upon the TOTAL amount you are pre-mixing.
- B. To 32 ounces (1 quart) of chlorine-free water add 1/4 to 1/2 ounce of concentrate. To each 128 ounces (1 gallon) of chlorine-free water, add one (1) ounce of concentrated product. (Use TWO OUNCES of product

per gallon of water for badly used, abused, or neglected soil for the first two treatments.) If filling a larger container with measured amount of chlorine-free water, leave enough room for the one to two ounces of concentrated product per each gallon of H<sub>2</sub>O. (If container will only hold 128 ounces of water [seldom a problem], leave off enough water to make room for the desired amount of product.)

- C. ALWAYS FILL CONTAINER WITH WATER FIRST **before** adding **CleanPlants-HappyPlants SOS SOIL OPTIMIZING SHAMPOO™**. Product is a heavily concentrated soap. Placing it into container before adding water of virtually any amount may cause loss of product due to foaming and overspilling. While such foam and spillage are utterly harmless to people and animals, it makes it difficult to accurately measure proper dilutions and achieve the desired concentration of product for application.
- D. Carefully fill applicator with the now RTU premixed solution to avoid oversudsing of product as it is being transferred.

8. **Application of the now premixed RTU product or water-fed concentrate being diluted on the fly.**

A. **Applications PRIOR to planting.**

(1) **Soil prep.**

- a. Drench the targeted soil with **CleanPlantsHappyPlants SOS SOIL OPTIMIZING SHAMPOO™**. Several lighter soakings are generally better than one or two flooded applications to allow **CleanPlantsHappyPlants SOS SOIL OPTIMIZING SHAMPOO™** to penetrate down into locked encrusted dirt.
- b. For maximum penetration, use before and after cultivating.
- c. Injecting the mixture several inches down into the soil can also be beneficial.
- d. Repeat every three of four days for several days, alternating with regular waterings.
- e. Later in growing season, repeat treatment with **CleanPlantsHappyPlants SOS SOIL OPTIMIZING SHAMPOO™** whenever dirt wants to stubbornly pond water on surface rather than allow reasonable absorption below grade.

- (2) **Seeds, bulbs, and rootings prep.** Treat seeds, bulbs, or rootings with **CleanPlants HappyPlants AWAKE-N UPSTART SBR™** and plant, following directions.

B. **Applications after planting or at base of established plant growth.**

- (1) If applying **CleanPlantsHappyPlants SOS SOIL OPTIMIZING**

**SHAMPOO™** to untreated soils after planting has taken place or to soil around well-established plant growth, target the base of the plants and any furrows between rows, allowing for heavy soaking and absorption.

- (2) Drench the targeted soil with **CleanPlantsHappyPlants SOS SOIL OPTIMIZING SHAMPOO™**. Several lighter soakings are generally better than one or two flooded applications to allow **CleanPlantsHappyPlants SOS SOIL OPTIMIZING SHAMPOO™** to penetrate down into locked encrusted dirt.
- (3) For maximum penetration, use before and after cultivating.
- (4) Injecting the mixture several inches down into the soil can also be beneficial.
- (5) Repeat every three of four days for several days, alternating with regular waterings.
- (6) Later in growing season, repeat treatment with **CleanPlantsHappyPlants SOS SOIL OPTIMIZING SHAMPOO™** whenever dirt wants to stubbornly pond water on surface rather than allow reasonable absorption below grade.
- (7) Treat existing plants as soon as possible with **CleanPlantsHappyPlants RSVP\* PLANT SCRUB INITIALIZER/BOOSTER™** and maintain a quarterly treatment schedule.

9. **General guidelines.**

- A. Repeat treatment with **CleanPlantsHappyPlants SOS SOIL OPTIMIZING SHAMPOO™** whenever dirt wants to stubbornly pond water on surface rather than allow reasonable absorption below grade.
- B. At least once every three weeks (more often if desired), between regular waterings, treat targeted plants with a solution of **CleanPlants HappyPlants RSVP\* PLANT WASH STABILIZER/MAINTAINER™** diluted as directed.
- C. If adverse conditions show a return of any situation previously brought under control by the **CleanPlantsHappyPlants RSVP\* PLANT SCRUB INITIALIZER/ BOOSTER™** and not kept at bay by the **CleanPlants HappyPlants RSVP\* PLANT WASH STABILIZER/ MAINTAINER™**, repeat treatment with the **CleanPlantsHappyPlants RSVP\* PLANT SCRUB INITIALIZER/ BOOSTER™** product as directed until control is achieved. Then proceed with routine treatments of **CleanPlants HappyPlants RSVP\* PLANT WASH STABILIZER/ MAINTAINER™** as described.
- D. Works best with chlorine-free water, especially if premixing and letting stand for several days.

- E. While safe for external exposure to people and animals, it is NOT intended for plant exposure at the UNDILUTED concentration. Too heavy a concentration of product will allow the powerful cleansing agents to break down the waxy surfaces of the plant which were designed for its protection. This is never a problem when used as directed.
- F. *Slippery when spilled. Product is a soap. In event of eye contact, rinse eyes thoroughly. Chemically sensitive consumers should test before using.*