

**Pure  
Neem Oil**

**DYNA-GRO™**  
**The Nutrition Solution®**

## **All Natural Leaf Polish**

### **Source**

Neem oil is pressed from the seed of the neem tree (*Azadiracta indica* Juss). This tree, native to eastern India and Burma, is known by several names including “village pharmacy”, “cornucopia”, “wonder tree”, and “the veritable gold mine”. Neem leaves, stems, seeds and oil have been used for medicinal and other purposes in India for more than 4,000 years. In fact, its Sanskrit name, arishta, means “reliever of sickness”.

### **Natural Leaf Polish**

Neem oil leaves a natural shine on leaves without clogging stomata that leaves need to take in carbon dioxide and release oxygen and water vapor essential to the basic functioning of the photosynthesis process. Many of the glossy leaf polishes, which give an unnatural appearance to leaves, actually interfere with these natural transpiration processes.

### **Directions for Use**

Mix 1 1/2 to 2 teaspoons of neem oil per quart of water (1 to 1 1/2 oz per gallon) to make a spray mix. Add about 1/4 to 1/2 this amount of mild dishwashing liquid soap or other surfactant to get the oil to emulsify in water. Warm or hot tap water will make this process easier. Put this mixture in a trigger spray bottle or other sprayer, shaking well before each use to get the oil in suspension. Since many find the smell of neem oil unpleasant, vanilla extract or peppermint oil can be used to mask the scent. You may also use Dr. Bronner's Soap® with peppermint oil already mixed to accomplish both aims, emulsifying and masking the scent.

Spray on leaves until the mixture runs off to wash dust and dirt from leaves. Then allow the mixture to dry leaving a natural appearing semi gloss look on the leaves. leaves may be cleaned and polished in this manner as often as twice a month if necessary.

**DYNA-GRO NUTRITION SOLUTIONS**

1065 Broadway San Pablo, CA 94806  
(800) DYNA-GRO Fax (510) 233-0198 [www.dyna-gro.com](http://www.dyna-gro.com)

**Pure  
Neem Oil**

**DYNA-GRO**<sup>TM</sup>  
**The Nutrition Solution®**

## **All Natural Leaf Polish continued**

### **Product Safety**

Because neem products have been and are being used for human consumption and medication, exposure to neem in the process of treating plants with neem oil poses no threat to humans or other higher animals. Neem biodegrades in a matter of weeks when exposed to sunlight or in soil.

In EPA testing, establishment of an LD-50 proved impossible as azadirachtin, one of numerous organic compounds present in neem oil, was asymptomatic at all levels tested. Accordingly, there are no reentry or residual restrictions associated with the use of neem oil.

### **Other Benefits**

Dyna-Gro Nutrition Solutions® makes no claims for human health or horticultural benefits from neem oil. For more extensive discussions on neem, see the website for the Neem Foundation at <http://www.neemfoundation.org>.

Dyna-Gro Nutrition Solutions now has pure, pressed neem oil available in sizes for home users, the commercial nurserymen and interiorscape professionals.

For information on the full line of Dyna-Gro Nutrition Solutions, visit our website at [www.dyna-gro.com](http://www.dyna-gro.com) or call 800-DYNA-GRO (396-2476) / 510-233-0254 for a free catalog.

**DYNA-GRO NUTRITION SOLUTIONS**

1065 Broadway San Pablo, CA 94806  
(800) DYNA-GRO Fax (510) 233-0198 [www.dyna-gro.com](http://www.dyna-gro.com)