



# Up-Star® Gold Product Guide

Foliar Spray Application



**Do-it-Yourself:**

Up-Star® can be easily applied as a foliar spray.



**Product Category:** Insecticide  
**Active Ingredient:** Bifenthrin 7.9%  
**Item #:** 224  
**Unit Size:** 1 gallon  
**Unit Makes:** 590-1,185 gallons

**Product Overview:**

Up-Star® Gold is a spray applied insecticide designed to control a large list of shade tree pests such as beetles and caterpillars. It is one of the few insecticides capable of controlling *Lepidoptera* such as gypsy moth or tent caterpillars. Up-Star® Gold provides effective contact and residual control of insects on trees, lawns and ornamental settings.

**How do I apply it?**

Dilute Up-Star® Gold in water and apply as a foliar spray using hand or power-operated application equipment (such as portable pump-up or backpack sprayer).

**When do I apply it?**

Applications can begin as insects become visible or are present. Repeat application as necessary to achieve control.

*Note: Up-Star® Gold should not be applied more than once every seven days.*

**For protocols, product guides, training videos and technical support: Call 1-888-637-6694 or visit us online: [www.thetreegeek.com](http://www.thetreegeek.com)**

## Up-Star® Gold Rate Card

### Application Rate:

#### How much product do I need?

It is important to apply the proper dose to the plant you are treating. Gather the following information to determine the accurate amount of product needed:

1. Determine the type of plant and disease to be treated and verify any application specifications on the product label.
2. Up-Star® Gold is applied as a spray-to-drip application, ensuring the foliage and canopy is thoroughly covered. Determine the quantity and average size of trees you are planning to treat and use the chart below to ensure you have enough product mixed. These are only rough guidelines but can be quite useful for planning your treatments.

Tree Size (DBH)	Gallons per Tree
1"	.5
5"	2 - 4
20"	7 - 13
30"	15 - 20
50"	25 - 30

3. Use the rate chart to determine the total dosage for the plant to be treated.

**Note: Under high disease pressure, use the highest rate and the shortest interval for repeat applications. Under low disease pressure, the application interval may be extended.**

**\* To control Bagworms, apply when larvae begin to hatch. Spray larvae directly. Applications made when larvae are young will be most effective.**

Pests Controlled:	Low Rate	High Rate	Water
Bagworms*, cutworms, elm leaf beetles, fall webworms, gypsy moth caterpillars, lace bugs, leaf feeding caterpillars, tent caterpillars	1.59 mL 5.4 fluid ounces	3.19 mL 10.8 fluid ounces	1 gallon 100 gallons
Adelgids, ants, aphids, bees, beetles, budworms, centipedes, cicadas, diaprepes, earwigs, fungus gnats (adults), grasshoppers, leafhoppers, mealybugs, mites, pillbugs, psyllids, scales (crawlers), spiders, treehoppers, twig borers, wasps, weevils, whiteflies	3.19 mL 10.8 fluid ounces	6.44 mL 21.7 fluid ounces	1 gallon 100 gallons
Leafminers, pecan leaf scorch mite, pine shoot beetle (adults)	6.44 mL 21.7 fluid ounces	12.83 mL 43.5 fluid ounces	1 gallon 100 gallons

Tree Geek's mission is to encourage Do-it-Yourselfers who want to care for the health of their trees. We provide:

- Easy-to-use treatments
- Proven results
- Research based science
- Affordable solutions

