

Original Garden Hero Usage Guide

Note: Before using, roll the bottle a bit to help dissolve any particles that may have settled. DO NOT shake vigorously or it will foam up.

Garden Hero can be applied in a foliar spray or mist, as well as in your regular plant watering. The best results come from doing both plant watering and foliar applications. Though Garden Hero is technically not a fertilizer, it will reduce your fertilizer needs by 50% or more when applied regularly.



Simple Instructions

Foliar Applications: Mix 1 teaspoon per gallon of water (1/4 teaspoon per qt) and spray all foliage (get underside of leaves where possible) and soil over root zone. *Spray weekly* for general maintenance.

Soil Applications: Watering or fertigation. Mix up to ½ teaspoon per gallon of water and *apply weekly*. For larger areas use 2-3 oz per 1000 sf.

Soil Improvement - Garden Set Up –pH Balancing- Liquid Aeration. To reduce compaction, bio-activate soils, and auto-correct pH in gardens or lawns, we recommend a minimum of 4 soil applications a season. If you are doing weekly applications, per above, then you would only need to apply once at the rates below on your first application. Can be applied before or during rain and can be mixed with most liquid organic fertilizers to build up nutrient levels in the soil quickly.

1-2 teaspoons per 100 sf in a 1-2 gallon watering can or pump sprayer.

2-3 ounces per 1000 sq ft in a minimum of three gallons of water. For larger areas we suggest using a 3-4 gallon backpack sprayer, or use a *hose-end* sprayer especially if doing lawns or very large garden beds. Can be applied right over the top of existing plants.

21-40 oz per acre in a minimum of 21-40 gallons for commercial applicators or farmers.

Soil Compaction/Liquid Aeration

For fast improvement on severely compacted soils apply at the higher rate then apply again at lower rate once or twice more just a few days apart. Be sure to water well after applying.

Garden Plants – Flowers – Commercial Crops Trees, Shrubs

Start with initial soil treatments as per above. Apply foliarly every 7 days at ½-1 teaspoon per gallon of water. To support abnormally larger amounts of fruits, berries, and vegetables that often occur when using our Garden Hero products you may apply 2-3 times a week. Highly productive plants will eventually require more fertilizer too, so you can add 1-2 tablespoons of Fish Hydrolysate per gallon in the same sprayer for additional nutrient support throughout the fruiting season.

If foliar feeding can't be done, water plants weekly using just ¼-1/2 oz Garden Hero per gallon of water. You can water right over the top of existing plants or through irrigation systems.

Trees / Shrubs. Spray the bark and branches at 1/2 teaspoon per gallon of water before leaves come out. The bark on the trunk and branches has small pores (lenticels) that will allow the micron-sized particles of Garden Hero to move into the vascular system and up and down throughout the plants or trees. *Bark spraying is also*

an effective way of getting the product into taller trees. For higher production plants we recommend spraying when you first see buds swell, and then again when buds break. Spray trees foliarly throughout the season where possible.

House plants or Outdoor Potted Plants. Start with a good soaking ½ teaspoon Garden Hero per gallon of water. Add ¼ teaspoon per gallon weekly for regular watering. Mist indoor/outdoor plants every 1-2 days at ¼ teaspoon to each quart (one teaspoon per gallon) of water.

Insects & Disease. At the first signs of any insect or disease infestation start applying as a foliar spray at 1 tablespoon per gallon of water. Make sure you reach the underside of leaves too. If conditions persist double the above rate and spray every 1-3 days until problem is eliminated.

Transplants. Dunk entire plant and root ball in a pail mixed at 1 teaspoon Garden Hero per gallon by holding the root ball or pot in your hand. Spray transplants every 2-3 days at 1 teaspoon per gallon until plant takes off.

Seed Soak. Mix ½ teaspoon in a quart of water and soak seeds for 1-24 hrs prior to planting. If germinating on paper towels soak the paper towel in the above mix rate initially.

Hydroponic. Add 1- 2 ml *Original* Garden Hero per gallon. Reservoirs with air pumps will have mild foaming.

Frost Protection. For fruiting Trees, Grapes and other plants that are susceptible to early frost damage, spray bark and branches at first bud swell at one teaspoon per gallon of water. Spray once more when buds open.

Greenhouse - Clones/Cuttings. *Clones/Cuttings:* Mix one teaspoon Garden Hero per gallon of water. Soak growing medium in this solutions. Submerge cuttings leaf first and then dip in rooting gel. Foliar spray at same mix rate every two days.

Growth Phase and Flower Phase: Soil /Growing medium applications. Mix at 2-4 ml per gallon and add to soil or medium used. Reduce normal nutrients to 5-10% or regular strength.

Foliar Feeding: Use Garden Hero at rate of 7-10ml per gal and spray 2-3 times per week. Spray entire plant until wet. Raise lights if needed.

FARM USE. Contact us for seasonal programs for specific crops.

Furrow; spray into furrow at planting with 10 ml (2 teaspoons) per gallon of water for healthier starts and quick seed germination.

Foliar: Spray at a rate of 7-14 oz per acre in a minimum of 21 gallons water per acre minimum.

Safe to add to any NPK fertilizers, herbicides or pesticides if you cut the fertilizer rate by 50% and add 7 oz Garden Hero per acre.