



DIY Pest Control For Non-Toxic Gardening

For well researched advice on non-toxic living, check out the STEP program website: [https://ci.sebastopol.ca.us/Connect-With-Us/Newsletters/Toxics-Education-Program-\(STEP\)](https://ci.sebastopol.ca.us/Connect-With-Us/Newsletters/Toxics-Education-Program-(STEP))

DIY Insecticide

This recipe works on aphids, mites, scale and whitefly and is especially useful for disease prone plants like roses. From the Press Democrat's "Plant Doctors".

1 teaspoon orange oil cleaner (like Citra Solv)

1 gallon water

Fill a squirt bottle with the mixture and spray on both sides of leaves. Good coverage is important. Spray as often as needed when insects are present. Avoid spraying when temperature will be above 85 degrees, or spray in the early evening when it is cooler and wash off leaves the next day if the daytime temperature will be over 85 degrees.

DIY Herbicides

For the recipes below, mix and spray weeds early in the day and spray on hot, sunny days for best effect. Wear goggles and gloves when handling vinegar. Remember that this mixture is deadly for amphibians like frogs, lizards and salamanders so check your weeds before spraying!

Vinegar / Epsom Salt Weed Be Gone -Sonoma County Beekeepers

Ingredients:

1 gallon 10% vinegar

2 cups Epsom Salt

¼ cup Dawn dish soap

Vinegar/Orange Oil Weed Be Gone -from Kathy Tresch

To make a gallon:

~80% vinegar

~20% orange oil

1 cup Dawn dish soap

Brought to you by: Preserve Rural Sonoma County (PRSC), Wine and Water Watch (WWW), Sonoma County Conservation Action (SCCA), Daily Acts, & Families Advocating Chemical and Toxic Safety (FACTS).



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2019 - Preferred Product List:

Weed Abatement	
Suppress EC (Non-selective)	OMRI® Listed/weed control, as needed (Caprylic Acid and Capric Acid) https://westbridge.com/suppress-herbicide-ec-receives-epa-approval/
Scythe (Non-selective)	OMRI® Listed/weed control - Scythe® is a non-selective contact herbicide https://www.biconet.com/lawn/infosheets/scythe_label.pdf
Final-San-O (Non-selective)	OMRI® Listed , NOP Approved/fast-acting weed, grass, algae and moss killer. It suppresses the growth of some bi-annual and perennial weeds. Final-San-O can be used at any time during the year, and areas can be re-sown 5 days after treatment. http://www.neudorffpro.com/index.php?id=1838
Weed Zap (Non-selective)	OMRI® Listed/broad spectrum, biodegradable, foliar herbicide is made from clove and cinnamon oils. It will only control actively growing emerged green vegetation and controls annual and perennial broadleaf and grassy weeds. It will only affect plants that are coated with the spray solution and does not damage non-green woody plants. https://www.arbico-organics.com/product/weed-zap-jh-biotech/natural-organic-weed-control
Weed Pharm (Non-selective)	OMRI® Listed, and WSDA Certified/University trials that prove 20% Acetic Acid is as effective as Glyphosate in killing annual and broadleaf weeds with one application. It also works on poison ivy and poison oak. http://www.pharmsolutionsinc.com/weedpharm.htm
A.D.I.O.S. (Selective/ Post-emergent)	OMRI® Listed, A.D.I.O.S. is a post-emergent foliar herbicide used for the control of broadleaf weeds. Can safely be used on turf & lawn or around plants, bushes, small trees, fruits and vegetables gardens. Once sprayed on the weed, A.D.I.O.S. travels right away through the foliage, stems and all the way down to the roots. All natural, A.D.I.O.S. can be used around children and pets. No buffer zone is required when applied next to drinkable fresh water wells. http://herbanatur.biz/bio-herbicide-adios-products.html

