

GREEN MATERIALS LIST

This list should serve as a reference document for material selection, and to demonstrate hazard screening protocol. It is not comprehensive of all materials, nor should it be adopted in whole. Sources should be viewed periodically for updates

EPA REGISTRATION EXEMPT: Biologicals, pheromones, food/household materials

Label will indicate if product is EPA Registration Exempt. Product must meet three criteria:

1. Active ingredients must be on the FIFRA 25(b) list:
<http://www.epa.gov/oppbppd1/biopesticides/regtools/index.htm>
2. Other Ingredients ('Inerts') must be on the EPA 4(a) List "Inerts or Minimal Concern":
<http://www.epa.gov/oppbppd1/biopesticides/regtools/index.htm>
3. 100 percent of formulation by weight must appear on the label

Herbicide		Tier 4	Bioganic Broadleaf Killer	eugenol, phenethyl propionate	
Herbicide		Tier 4	Bioganic Weed & Grass Killer	eugenol, thyme oil, acetic acid	
Herbicide		Tier 3	corn gluten meal (any)	corn gluten	
Herbicide		Tier 4	EcoExempt HC	Eugenol (clove oil) 21.4%, 2-phenethyl propionate 21.4%	
Insecticide		Tier 3	EcoExempt IC	Rosemary oil 10%; wintergreen oil, mineral oil (inerts)	
Insecticide		Tier 3	Gnatrol (Vectobac)	B.t.i.	
Herbicide		Tier 4	Matran 2	clove Oil	
Herbicide		Tier 3	Suppressa	corn gluten meal	
Insecticide		Tier 3	Thuricide HPC	B.t.k.	
Insecticide		Tier 3	Vectobac 12AS	B.t.i.	
Insecticide		Tier 3	Victor Poison Free Wasp & Hornet	mint oil	

San Francisco Tier 3, Tier 2 Allowed, Tier 4 Allowed

<http://temp.sfgov.org/sfenvironment/aboutus/innovative/ipm/>

Pesticide Type	Use Category	Hazard Tier	Product Name	Active Ingredients	Use Limitations
W=herbicide in water F=fungicide I= insecticide H=herbicide M=molluscicide V=vertebrate A=adjuvant P=plant hormone	A = allowed L= limited L* = special concern	1 = Highest 2 = Moderate 3 = Lowest 4 = Data gaps			
Fungicide	A	Tier 4	Root Shield Drench	<i>Trichoderma harzianum</i>	
Insecticide	A	Tier 4	Gentrol IGR Concentrate	hydroprene	
Fungicide	A	Tier 4	Serenade	Bacillus subtilis	
Fungicide	A	Tier 4	TurfShield	Trichoderma strain	
Water applied herbicide	A	Tier 3	Aquashade	acid yellow-23,acid blue 4	
Herbicide	A	Tier 3	Bio-Weed	corn gluten meal	

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Insecticide	A	Tier 3	Cinnamite	Cinnamaldehyde	
Adjuvant	A	Tier 3	CMR Silicone Surfactant	polymethylsiloxane, nonionic	
Plant hormone	A	Tier 3	Dip'n Grow	indole-3-butyric acid	
Insecticide	A	Tier 3	Hot Pepper Wax Insect Repellent	capsaicin .00014%	
Insecticide	A	Tier 3	Javelin WG	<i>Bacillus thuringiensis</i>	
Fungicide	A	Tier 3	Kaligreen	potassium bicarbonate	
Insecticide	A	Tier 3	Mosquito Dunks	Bacillus Thuringiensis	
Insecticide	A	Tier 3	Pharoid	methoprene	
Insecticide	A	Tier 3	Roach Terminal	oxypurinol, xanthine	
Molluscicide	A	Tier 3	Sluggo Slug and Snail Bait	iron phosphate	
Adjuvant	A	Tier 3	Spraytech Oil	soybean oil	
Insecticide	A	Tier 3	Vectobac-G Biological Mosquito Larvicide	Bacillus Thuringiensis	
Vertebrate	A	Tier 3	Vectolex G Biological Mosquito Larvicide	bacillus sphaericus	
Insecticide	A	Tier 2	Avert Cockroach Bait Station	abamectin	
Insecticide	A	Tier 2	Avert Cockroach Gel	abamectin	
Insecticide	A	Tier 2	Gourmet Liquid Ant Bait	Disodium octaborate tetrahydrate (DOT) - 2%	
Fungicide / Insecticide	A	Tier 2	JMS Stylet Oil	petroleum distillates	
Insecticide	A	Tier 2	Prescription Treatment Brand Advance Liquid Ant Bait	Boric acid 1%	
Insecticide	A	Tier 2	Uncle Alberts Ant Bait	Disodium Octaborate Tetrahydrate	
Fungicide / Insecticide	A	Tier 2	Valent Volck Supreme Spray	petroleum oil	

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Seattle Tier 3

<http://www.ci.seattle.wa.us/environment/pesticides.htm>

Type		Tier	Product	Active	Notes
Insecticide		Tier 3	Agnique MMF	ethoxylated alcohol	*may be toxic to aquatic invertebrates
Herbicide		Tier 3	Allpro Moss & Algae Killer	potassium salts of fatty acids	no health or environmental risks identified by EPA
Fungicide		Tier 3	AQ10 Biofungicide	Ampelomyces quisqualis	
Insecticide		Tier 3	Bactospein	Bacillus thuringiensis	* may be pathogenic to honeybees.
Insecticide		Tier 3	BotaniGard 22WP	Beauveria bassiana	* may be pathogenic to honeybees.
Insecticide		Tier 3	BotaniGard ES	Beauveria bassiana	
fungicide/Insecticide		Tier 3	Cinnamite	cinnamaldehyde	
Insecticide		Tier 3	Concern Insect Killing Soap	potassium salts of fatty acids	EPA registration not required due to low risk
Insecticide		Tier 3	Dipel 2X or 4L	B.t.k.	
Other		Tier 3	Embark	mefluidide	indoor use only
Insecticide		Tier 3	Enstar 2E	s-kinoprene	
Fungicide		Tier 3	First Step	potassium bicarbonate	
Insecticide		Tier 3	Foray 48B	B.t.k	
Fungicide		Tier 3	Kaligreen	potassium bicarbonate	converted to naturally-occurring iron salts
Herbicide		Tier 3	Moss-Out Granules (L-M)	ferrous sulfate monohydrate	
Insecticide		Tier 3	M-PEDE (soap)	potassium salts of fatty acids	subregistration of Thuricide, see below
Insecticide		Tier 3	Natural Guard B.t.	B.t.k.	
Insecticide		Tier 3	Nemasys	Steinernema feltiae	
Fungicide		Tier 3	Remedy	potassium bicarbonate	
Fungicide		Tier 3	Safer Garden Fung	sulfur	
Insecticide		Tier 3	Safer Insecticidal Soap	potassium salts of fatty acids	
Herbicide		Tier 3	Safer Moss/Algae	potassium salts of fatty acids	
Herbicide		Tier 3	Safer Superfast RTU	potassium salts of fatty acids	
Other		Tier 3	Sluggo	iron phosphate	product not yet EPA-registered; placement tentative
Herbicide		Tier 3	TerraCyte	sodium carbonate peroxyhydrate	surfactant
Other		Tier 3	Terwet 1800	alkyl polyglycoside	
Other		Tier 3	Worry Free	iron phosphate	