








# Pesticide Alternatives & Natural Solutions

Challenge & Problem		Natural or Home Made Solution	Permitted Products ***	Active Ingredient	Common Name
Ants		Pour boiling water over ant-hills	Chemfree Insectigone Crawling Insect Killer, Green Earth Bio Bug & Slug Killer, Raid Earthblends Ant & Earwig Dust, Wilson Liquid Antex, Raid Liquid Ant Killer, Safer's Attack Ant Killer, Ortho Ant-B-Gone Max	Silicon Dioxide, Boric Acid	Diatomaceous Earth, Borax
Aphids		Ladybugs have a voracious appetite for aphids! Or, spray solution (2 tbsp. of mild dish soap to 1 quart luke warm water) to affected areas	Safer's Trounce Yard & Garden Insecticide, Green Earth Insecticide Soap, Wilson Pro Insecticidal Soap Concentrate, Environmental Factor Zap Insecticidal Soap, Scott's EcoSense Insecticidal Soap, Raid Earthblends Vegetable Bug Fogger, Safer's Vegetable Garden Insecticide	Soap, Fatty Acid, Pyrethrum or Pyrethrins	Insecticidal Soap, other
Blackspot		On lawn: overseed with good quality grass seed mix On plants: prune	Safer's Defender Garden Fungicide, Green Earth Garden Sulphur Fungicide, Later's Garden Sulphur Fungicide	Sulphur	Sulphur
Chinch Bugs		Maintain a healthy lawn and dethatch	Green Earth Insecticide Soap, Wilson Pro Insecticidal Soap Concentrate, Environmental Factor Zap Insecticidal Soap, Scott's EcoSense Insecticidal Soap	Soap	Insecticidal Soap
Clover		Clover is good for your lawn and provides nitrogen			
Crabgrass (prevention)		Mulch in gardens, overseed and raise mower blades on lawn	Environmental Factor Turf Maize, WOW Without Weeds	Corn Gluten Meal	

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Crabgrass (established)		Overseed, raise mower blades and pull out by hand and/or cut before they go to seed	President's Choice Weed Controller Herbicide, Scott's EcoSense Non-Selective Weed Control, EcoClear Fast Acting Weed & Grass Killer	Acetic Acid	Horticultural Vinegar
Creeping Charlie		Overseed, raise mower blades and pull out by hand	Scott's EcoSense Non-Selective Weed Control, EcoClear Fast Acting Weed & Grass Killer	Acetic Acid	Horticultural Vinegar
Dandelions (prevention)		Mulch in gardens, overseed and raise mower blades on lawn	Environmental Factor Turf Maize, WOW Without Weeds	Corn Gluten Meal	
Dandelions (established)		Overseed, raise mower blades and pull out by hand and/or cut before they go to seed	President's Choice Weed Controller Herbicide, Scott's EcoSense Non-Selective Weed Control, EcoClear Fast Acting Weed & Grass Killer	Acetic Acid	Horticultural Vinegar
Earwigs		Trap using rolled up newspaper filled with peanut butter	Chemfree Insectigone Crawling Insect Killer, Green Earth Bio Bug & Slug Killer, Raid Earthblends Ant & Earwig Dust, Earthblends Vegetable Bug Fogger, Safer's Vegetable Garden Insecticide	Silicon Dioxide, Pyrethrum or Pyrethrins	Diatomaceous Earth, other
Grubs (i.e. European Chafer Grubs)		Maintain a healthy lawn through green yard care techniques, consider alternative groundcover (such as mulch, paving stones or Dutch White Clover)	Safer's BTK Biological insecticide, Environmental Factor Grub Busters, Natural Insect Control Lawn Guard, Nematodes (Roundworm or Heterorhabditis bacteriophora)	<i>Bacillus thuringiensis (Bt)</i> , <i>Nematodes</i>	Bt, Nematodes

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Leaf chewer (gypsy moths, caterpillars)		Physically remove	Safer's Trounce Yard & Garden Insecticide, Green Earth Insecticide Soap, Wilson Pro Insecticidal Soap Concentrate, Environmental Factor Zap Insecticidal Soap, Scott's EcoSense Insecticidal Soap, Chemfree Insectigone Crawling Insect Killer, Green Earth Bio Bug & Slug Killer, Raid Earthblends Ant & Earwig Dust, Safer's BTK Biological insecticide, Bioprotec Eco	Soap, Fatty Acide, Silicon Dioxide, <i>Bacillus thuringiensis (Bt)</i>	Insecticidal Soap, Diatomaceous Earth, Bt
Leatherjackets		Maintain a healthy lawn through green yard care techniques, consider alternative groundcover (such as mulch, paving stones or Dutch White Clover)	Environmental Factor Grub Busters, Environmental Factor Leatherjacket Control	Nematodes	Nematodes
Mealy Bugs		Dab with rubbing alcohol on a cotton swab	Safer's Trounce Yard & Garden Insecticide, Green Earth Insecticide Soap, Wilson Pro Insecticidal Soap Concentrate, Environmental Factor Zap Insecticidal Soap, Scott's EcoSense Insecticidal Soap	Soap, Fatty Acid	Insecticidal Soap, other
Moss		Dig out and aerate lawn, maintain a healthy lawn through green yard care techniques	Safer's De-Moss, President's Choice Weed Controller Herbicide, Scott's EcoSense Non-Selective Weed Control, EcoClear Fast Acting Weed & Grass Killer	Soap, Fatty Acid, Acetic Acid	Insecticidal Soap, Horticultural Vinegar, other
Powder Mildew		On lawn: overseed with good quality grass seed mix On plants: prune	Safer's Defender Garden Fungicide, Green Earth Garden Sulphur Fungicide, Later's Garden Sulphur Fungicide	Sulphur	Sulphur

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Rust		On lawn: overseed with good quality grass seed mix On plants: prune	Safer's Defender Garden Fungicide, Green Earth Garden Sulphur Fungicide, Later's Garden Sulphur Fungicide	Sulphur	Sulphur
Scale Insects		Scrape off stem, prune infected branches	Safer's Trounce Yard & Garden Insecticide, Green Earth Insecticide Soap, Wilson Pro Insecticidal Soap Concentrate, Environmental Factor Zap Insecticidal Soap, Scott's EcoSense Insecticidal Soap, Plant Products Dorman Oil, Green Earth Horticultural Oil Insect Spray, Later's Dormant Oil Spray	Soap, Fatty Acid (in early stages), Mineral Oil	Insecticidal Soap, Dormant or Horticultural Oil
Snails & Slugs		Trap by placing a small container filled with honey on the ground	Chemfree Insectigone Crawling Insect Killer, Green Earth Bio Bug & Slug Killer, Raid Earthblends Ant & Earwig Dust, Sluggo Slug & Snail Bait for Gardens, Scott's Ecosense Slug & Snail Bait, Safer's Slug & Snail Bait	Silicon Dioxide, Ferric Phosphate	Diatomaceous Earth, other
Weeds in Inter-locking/patio		Pull out by hand and/or pour boiling water over	President's Choice Weed Controller Herbicide, Scott's EcoSense Non-Selective Weed Control, EcoClear Fast Acting Weed & Grass Killer	Acetic Acid	Horticultural Vinegar
Other Weeds in Lawn		Overseed, raise mower blades and pull out by hand	President's Choice Weed Controller Herbicide, Scott's EcoSense Non-Selective Weed Control, EcoClear Fast Acting Weed & Grass Killer	Acetic Acid	Horticultural Vinegar

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