

Environmentally Friendly Pesticides

Problem – Weed/fungus/insect	Products Available*	Active Ingredient	Common Names	Natural Solution
Ants	Chemfree Insectigone Crawling Insect Killer, Green Earth Bio Bug and 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	Pour boiling water over anthills
Aphids	Safer's Trounce Yard & Garden Insecticide, Safer's Insecticidal Soap, Green Earth Insecticide Soap, Wilson Pro Insecticidal Soap Concentrate, Environmental factor Zap Insecticidal Soap, Scott's Eco Sense Insecticidal Soap, Raid Earthblends Vegetable Bug Fogger, Safer's Vegetable Garden Insecticide	Soap, Fatty Acid, Pyrethrum or Pyrethrins	Insecticidal Soap, other	Remove with a strong jet of water
Chinch Bugs	Scott's EcoSense Insecticidal Soap, Green Earth Insecticide Soap, Wilson Pro Insecticidal Soap Concentrate, Environmental Factor Zap Insecticidal Soap,	Soap	Insecticidal Soap	Maintain a healthy lawn and dethatch
Earwigs	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	Trap using rolled up newspaper filled with peanut butter
Grubs	Safer's BTK Biological insecticide, Environmental Factor Grub Busters, Natural Insect Control Lawn Guard, Nematodes	<i>Bacillus thuringiensis</i> (Bt), Nematodes	Bt, Nematodes	Maintain a healthy lawn
Leaf chewers (i.e. gypsy moths, caterpillars)	Sater's Trounce Yard & Garden Insecticide, Scott's EcoSense Insecticidal Soap, Green Earth Insecticide Soap, Wilson Pro Insecticidal Soap Concentrate, Environmental Factor Zap Insecticidal Soap, Chemfree Insectigone Crawling Insecti Killer, Green Earth Bio Bug & Slug Killer, Raid Earthblends Ant and Earwig Dust, Safer's BTK Biological insecticide	Soap, Fatty Acid, Silicon Dioxide, <i>Bacillus thuringiensis</i> (Bt)	Insecticidal Soap, Diatomaceous earth, Bt	Physically remove
Leatherjackets	Environmental Factor Grub Busters, Environmental Factor Leatherjacket Control	Nematodes	Nematodes	Maintain a healthy lawn
Mealy Bugs	Scott's EcoSense Bug-B gone, 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	Dab with rubbing alcohol on a cotton swab
Scale	Safer's Trounce Yard & Garden Insecticide, Green Earth Insecticide Soap, Wilson Pro Insecticidal Soap Concentrate, Environmental Factor Zap Insecticidal Soap, Scott's Eco Sense 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	Scrape off stem, prune infected branches
Snails and Slugs	Scott's EcoSense slug-B gone, 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	Trap by placing a small container filled with honey on the ground
Blackspot	Safer's Defender Garden Fungicide, Green Earth Garden Sulphur Fungicide, Later's garden Sulphur Fungicide	Sulphur	Sulphur	On lawn, overseed with good quality grass seed mix. On plants, prune.

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Clover				Clover is good for your lawn and provides nitrogen
Crabgrass (prevention)	Environmental Factor Turf Maize, Green Earth Eco-Turf, WOW Without Weeds, Fertilizers with Corn Gluten	Corn Gluten Meal		Mulch in gardens, overseed and raise mower blades on lawn
Crabgrass (established)	Scott's EcoSense Non-Selective Weed Control, EcoClear Fast Acting Weed & Grass Killer, President's Choice Weed Controller Herbicide	Acetic Acid	Horticultural Vinegar	Overseed, raise mower blades and pull out by hand and/or cut before they go to seed
Creeping Charlie	Scott's EcoSense Non-Selective Weed Control, EcoClear Fast Acting Weed & Grass Killer	Acetic Acid	Horticultural Vinegar	Overseed, raise mower blades and pull out by hand
Dandelions (prevention)	Environmental Factor Turf Maize, Green Earth Eco-Turf, WOW Without Weeds, Fertilizers with Corn Gluten	Acetic Acid	Horticultural Vinegar	Mulch in gardens, overseed and raise mower blades on lawn
Dandelions (established)	Scott's EcoSense non-Selective Weed Control, EcoClear Fast Acting Weed & Grass Killer, President's choice Weed Controller Herbicide	Acetic Acid	Horticultural Vinegar	Overseed, raise mower blades and pull out by hand and/or cut before they go to seed
Moss	Safer's De-Moss, EcoSense Moss B gone, Scott's EcoSense Non-Selective Weed Control, Safer's Topgun, EcoClear Fast Acting Weed & Grass Killer	Soap, Fatty Acid, Acetic Acid	Insecticidal Soap, Horticultural Vinegar	Dig out and aerate lawn
Powdery Mildew	Eco-Way Rose and Flower Fungicide dust, Safer's Defender Garden Fungicide, Green Earth Garden Sulphur Fungicide, Later's garden Sulphur Fungicide	Sulphur	Sulphur	On lawn, overseed with good quality grass seed mix. On plants, prune.
Rust	Eco-Way Rose and Flower Fungicide dust, Eco-Way Fruit Tree and Garden Fungicide, Safer's Defender Garden Fungicide, Green Earth Garden Sulphur Fungicide, Later's garden Sulphur Fungicide	Sulphur	Sulphur	On lawn, overseed with good quality grass seed mix. On plants, prune.
Weeds in interlocking patio	Scott's Eco Sense Non-Selective Weed Control, Scott's EcoSense Path Clear, Safer's Topgun, EcoClear Fast Acting Weed & Grass Killer, President's Choice Weed Controller Herbicide	Acetic Acid Soap, Fatty Acid	Horticultural Vinegar Herbicidal Soap	Pull out by hand and/or pour boiling water over
Other weeds in lawn	Scott's EcoSense Non-Selective Weed Control, EcoClear Fast Acting Weed & Grass Killer, President's Choice Weed Controller Herbicide	Acetic Acid	Horticultural Vinegar	Overseed, raise mower blades and pull out by hand

(Adapted from *Pesticide Alternatives*, District of Invermere)

*Please note that this is not a complete or exhaustive list of products nor does the City of Langley endorse any product or brand listed in this table. Use any product at your own risk and always follow the instructions on the label. Where possible, products available locally have been listed first.

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