

CEDAR GARD™

CHEMICAL FREE INSECT CONTROL FOR PERMANENT AND ROW CROPS

FEATURES AND BENEFITS

CEDAR GARD™ is a chemical free insect control concentrate created as an alternative to traditionally used pyrethrins, pyrethrums, pyrethroids, organophosphates and carbamates for use on all trees and vine crops, tree fruit, citrus and nut trees, field and row crops, horticulture and



vegetables crops, grass and turf, and fly and fire ant control. **CEDAR GARD™** works on pheromone driven insects and snakes by disrupting the octopamine neuro receptors of these pests. The aroma of **CEDAR GARD™** to an insect is the same as ammonia to a human, repelling the insect away from the site.

HOW THIS PRODUCT WORKS

The aroma of cedar is lethal to non-beneficial insect which are driven by pheromone (odor) and heat stimuli. Cedar oil based solutions stifle the ability of the insects's receptors to detect food, mates, and to reproduce. When comfort levels are destroyed, insects become overwhelmed and relocate. Insect displacement interrupts the "egg laying cycle" eliminating a new generation of arthropod. All insects breathe through their bodies, therefore the scent or residue of organic or chemical based pesticides are absorbed directly into the body effecting the insects neurological or biological systems, causing paralysis, confusion, death or flight. Continued use of **CEDAR GARD™** will create a barrier of re-entry, increasing the desired results.



HISTORY OF CEDAR USE

Using aromatic red cedar as a pesticide is not a new idea. The cedars of Lebanon were used to build King Solomon's Tomb. The Egyptians used papaya leaves soaked in cedar oil in the mummification of their dead. Our pioneering forefathers used cedar sawdust on the floors of their cabins to rid them of numerous pests. Native Americans would rub their bodies with cedar needles to prevent mosquitos and other biting bugs from feasting on them. Cedar coat hangers, chests and other items are commonly used for protection against moths in closets, wardrobes, and dresser drawers. We also use cedar in pet cushions to repel fleas and ticks as well as reduce odors, and believe it or not, cedar oil based shampoos are now available for your pets.



EPA RULES

In a recent ruling, 40 CFR, Part 152 published in the Federal Register, the EPA established an exception for cedar based pesticides from regulation under the Federal Insecticide, Fungicide, Rodenticide Act. In Section 152.25 of the 16 page ruling, the EPA has classified cedar oil and the inert vehicles such as red cedar chips as a minimum risk pesticide "poses insignificant risks to human health or the environment".

APPLICATION

Shake well before using or sampling **CEDAR GARD™**. Start spraying when insects first appear. Spray thoroughly covering both sides of leaves, stems, and branches. Repeat application in 7-10 days as necessary. For best results, use as a repellent spray. With **CEDAR GARD™**, the applicator can choose from various concentrates without damaging side effects. Stronger mixes will enhance the longevity of the product. **CEDAR GARD™** is compatible with most fertilizers. **CEDAR GARD™** is non-systemic. It can be dispensed using pump up sprayers, non-thermal fogger applications, or pressure sprayers. **CEDAR GARD™** can be used for outside applications without danger to human, pet, wildlife, livestock or fish.



CEDAR GARD™ can be used for inside applications without stain or damaging residue.

See product label for specific insect and product use rates.

CONSUMER INFORMATION

- 100% biodegradable, natural and safe
- Safe for humans, pets, and livestock, zero toxicity rating.
- Pleasant cedar aroma. No known allergens.
- Has no effect on beneficial insects (i.e. butterflies, ladybugs, etc..)
- No defined re-entry levels or evacuation of treated areas.
- Significant cost savings compared to chemical alternatives.
- No application licence required.
- Excellent mildew control.



Natural

Resources

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