

SYNERGY BETWEEN SCIENCE AND NATURE



Benefits PureAg Dream Neem

- * Proven to control 200 species of pests.
- * Acts as a pest reproduction controller.
- * Prevents fungus and helps recovery from diseases.
- * Does not leave any residue on the plants.
- * Degrades quickly during rainfall and under ultraviolet rays making an ideal soil based insect control.
- * No undesirable side effects on human health and the ecosystem.
- * Highly effective and economical green alternative to caustic or toxic compounds.

Neem
Karanja
Micelle Blend

*Nanotechnology
through
Colloidal Micelles*

PureAg Dream Neem is made from plant based fatty acids, formulated into a colloidal liquid emulsion, and reduced to nano sized particles.

These nano-scale inputs dramatically change how the product is absorbed. We use the highest grade, cold pressed, Neem and Karanja seed oils available, making Dream Neem an ideal antibacterial, antimicrobial and antifungal pesticide product. Our blend is biodegradable and non-toxic to humans and other mammals, plus it is safe to use around beneficial insects.

Dream Neem penetrates the leaf surface quicker due to the nano sized particles and will not leave a residue on your plants.



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100% Bio-based Ingredients:

Active Ingredients:	90%
Azadirachtin A	1151.5
Azadirachtin B	948.5
Azadirachtin (A+B)	2100.0
Total:	70%
Karajin Content:	4000 ppm
Total:	20%

Inert Ingredients: 10%

Filtered Water, Fatty Acid, Other Nonionic Surfactants (soap)

USES

PureAg Dream Neem is a potent, green chemistry pesticide used in the battle against insect invasions. Designed for indoor and outdoor use. PureAg Pest Control can be used in greenhouses and nurseries on ornamentals, perennials, annuals, vegetables, herbs, fruits, trees and shrubs. A test application is recommended on plants that are known to be sensitive to oils (impatiens, hibiscus, some roses, fuchsias, tree like maples).

PureAg Dream Neem is composed mainly of fatty acids, triglycerides and triterpenoid compounds. It is a natural substance and breaks down quickly in the environment, resulting in little risk of residues on food crops and less risk to beneficial insects. It can be used shortly before harvest. Dream Neem is biodegradable and non-toxic and will not cause toxic runoff. It's safe for birds, pets, fish, livestock or other wildlife. It degrades quickly during rainfall and under ultraviolet rays making it ideal for soil based insect control. While traditional chemical pesticides can harm earthworms, Dream Neem encourages earthworm activity.

continued

TECHNICAL INFORMATION

PureAg Dream Neem has been found to be effective in controlling the following pests: Aphids, Mealybugs, Thrips, Whiteflies, Mites, Scales, Leaf miners, Caterpillars, Spider Mites, Beetles, Cabbage Worms, Fungus Gnats, Nematodes, Squash Bugs, Stink Bugs, Locusts, and many more. It kills small insect pests by suffocation, and also has insecticidal properties. Targets leaf-sucking and chewing insects. The active ingredient Azadirachtin, acts as an insect feeding deterrent and growth regulator, causing the insect to stop feeding. The treated insect usually cannot molt into its next life state and dies without reproducing. As a hormone disruptor it also is an egg-laying deterrent. Dream Neem creates an inhospitable environment for the pests, killing them or forcing them to move on to other food sources.

Because PureAg Dream Neem can kill insects at varying stages, it can be used as a dormant-season application to kill overwinter pests and eggs or as a foliar spray to repel and kill insects including tent caterpillars, leaf rollers and other caterpillar eggs that remain on plant leaves during winter, aphids that cause leaf curling the following spring, mites that overwinter on plant leaves and scale insects.

Turf grubs are the larval stage of Japanese beetles, and they can be very destructive . They tunnel under turf and nibble on grass roots. PureAg Dream Neem works to control Japanese beetles by preventing them from laying eggs that become destructive larvae. It also inhibits grub growth and repels them from the roots.

Many pesticides cannot be used during certain stages of plant growth, however, Dream Neem can be used throughout the planting season up until the day of harvest so plants are never without protection. When used properly it will not harm hives or honey bees and is safe to use around butterflies, ladybugs and most other beneficial insects. Be sure to spray very early in the morning or late afternoon when beneficial insects are not active.

DIRECTIONS / APPLICATION GUIDE

This product is a concentrate and must be diluted with warm water in order to work properly. Hot water can destroy the properties of the oils and cold water can cause the oils to congeal.

Dilution Rate:

2 oz (59 mL) per 1 gal (3.8 L) water for infestations.

1 oz (29.5 mL) per 1 gal (3.8 L) water for maintenance.

Thoroughly mix solution. Overlap areas of application, making sure to cover the underneath of the plants leaves and the areas under the trees. Trees should be soaked from the top down and then from the bottom up to insure good coverage. Continually shake/mix product as you use.

Spray early morning or late afternoon to avoid harm to beneficial insects. PureAg Dream Neem is not toxic but may suffocate beneficial insects if sprayed directly on the insect. Spray when insects are not active.

Test applications are recommended for tender plants such as impatiens, hibiscus, some roses, fuchsias, tree like maples and herbs with fuzzy or hairy leaves.

For more information on rates or application, please consult your PureAg professional.

Store in a cool, dry place. Avoid temperatures below 60°F. Best if applied within 2 years of purchase.

Manufactured by PureAg, LLC / Salt Lake City, UT 84107