

NUVAN™

PREMISES, GRAIN AND LIVESTOCK

Nuvan for Controlling Insects

Nuvan is a broad spectrum insecticide that provides rapid knock-down with short residual effect. Available worldwide, Nuvan is used as a clean-out treatment in empty premises, such as food warehouses, poultry and livestock habitats and storage bins.

Nuvan's short residual properties make it a safe and effective ectoparasiticide which can be applied directly on cattle to control various species of dermal parasites. Nuvan can also be used as an artificial pond treatment prior to the establishment of fisheries. Nuvan can be mixed with other insecticides when longer residual activity is required. The product's proven active ingredient, Dichlorvos (DDVP), is an effective, reliable insecticide that has been used since 1950.



Advantages

Broad Spectrum Control

Nuvan controls cockroaches, fleas, flies, mosquitoes, ants, bed bugs, moths, mites and a wide range of stored-product pests. Cost savings can be realized by using Nuvan because it can control multiple pests without the need for numerous other insecticides.

Rapid Knockdown

Nuvan provides highly effective insect control through ingestion and inhalation. It can be applied as a spray or aerosol.

Short Residual Effect

Because of its 24-hour dissipation rate, Nuvan is safe to use in and around warehouses, residences, poultry and livestock areas and on stored grains. Rapid breakdown also limits the risk of insect resistance to Dichlorvos.

Formulations and Packaging

Nuvan comes in a wide range of package sizes and formulations to suit a variety of different applications.

Can Be Mixed with Other Insecticides

For longer residual activity, Nuvan can be mixed in combination with other insecticides, such as Propoxur. Always conduct a compatibility test prior to large-scale use.

Environment

When used properly, Nuvan is not hazardous to non-target organisms, and will not persist in the environment. Always follow the label and all manufacturer's use directions and precautions.

Insects Controlled with Nuvan

Cockroaches	Bed Bugs
Fleas	Moths
Flies	Mites
Mosquitoes	Spiders
Ants	Bot Flies of Cattle

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Nuvan Formulations

7G (70 grams Dichlorvos per liter)

20EC (200 grams Dichlorvos per liter)

35EC (350 grams Dichlorvos per liter)

500 (500 grams Dichlorvos per liter)

1000 (1.02 Kg. Dichlorvos per liter)

Profi Aerosol (372 grams Dichlorvos per liter)

NUVAN™

For more information about NUVAN™ contact your local agricultural chemical retailer, call **949-260-1212** (USA) or visit www.amvac-chemical.com.



Always read and follow all label directions and use precautions.

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AMNU-001

Application Guidelines

Indoor Space Treatment

When diluted with water at the rates indicated on its label, Nuvan can be applied using misting machines, ULV aerosol generators or motorized sprayers with an ULV attachment.

If conducting space treatments with thermal foggers, mix 200 ml odorless kerosene (or other suitable solvent) per 100M³ of Nuvan. Use immediately and do not store for later use. Application should be carried out starting at that part of the room farthest from the exit, progressing methodically towards the exit. Always make applications while wearing the recommended Personal Protective Equipment (PPE).

Outdoor Space Treatment

For the control of flies, mosquitoes and other nuisance insects in parks, beaches, camp sites, and other outdoor areas, apply Nuvan as a space treatment at the rate per hectare indicated on the label, using a mist blower, aerosol generator or other machine capable of producing fine droplets.

Make the application when winds are calm. For application through a thermal fogger, Nuvan can be mixed with kerosene or diesel oil and then used immediately. Add Nuvan carefully to the required quantity of diluent and stir well. Dilutions of Nuvan in water should also be used on the day of preparation only and should not be stored. For space treatments, the amount of water added will depend on the equipment and the application conditions and will be lower for ULV equipment.

Surface Treatment

Nuvan can be used as a surface spray against cockroaches, ants, spiders and other household pests by applying with a knapsack sprayer at the rates indicated on the label. Nuvan can also be added to residual insecticides to improve initial performance and to flush out insects from cracks and crevices.

Comparison Chart

	Knock-Down Effect	Cost	Resistance Development
Nuvan (DDVP)	Yes	Low	Low*
Propoxur	No	Moderate	High
Resmethrin	Yes	High	High
Bioresmethrin	Yes	High	High
Bifenthrin	Yes	High	High
Tetramethrin	Yes	High	High
Pyrethrins	Yes	High	High
Malathion	No	Low	High

*Some isolated cases of resistance have been reported