

# NITATION ADVANCED PRODUCTS FOR ENVIRONMENTAL SANITATION ADVANCED PRODUCTS FOR ENVIRONMENTAL SANITATION

## DIRECTIONS

### RECOMMENDATIONS:

When applied as an aerosol with the Hub States Fog Applicator, Hub States Formula 38 is recommended for the control of Red Spiders (Spider Mites), Aphids, Whiteflies, Thrips, Mealy bugs, and Chrysanthemum Leaf Miners on Carnations, Roses and Chrysanthemums.

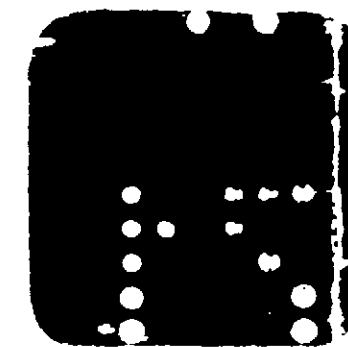
### PREPARATION OF THE GREENHOUSE PRIOR TO FOGGING

(1) Close all doors, windows and ventilators. (2) Lock or barricade all entrances, post warning signs, take precautions to prevent persons and animals from entering the area. (3) Turn off all misting systems. Be certain all blossoms and foliage are dry. Turn off all sulfur vaporizers 24 hours prior to fogging. (4) Room temperature should read from 70° to 85° F. for best insect kill.

### APPLICATION

(1) Calculate in cubic feet the greenhouse space to be treated. For most greenhouse ornamentals - 1 ounce of Formula 38 will treat 3,000 cubic feet of space; 16 ounces will treat 50,000 cubic feet; and 32 ounces will treat 100,000 cubic feet. (2) Pour into the Hub States Fog Applicator insecticide tank the required number of ounces of Formula 38 to treat the calculated space.

Wear a full-faced gas mask with canister type recommended by the U. S. Department of Agriculture for phosphate insecticide protection. (1) Open the metering valve on the Hub States Fog Applicator counterclockwise to the No. 4 setting on the dial. Eight ounces of liquid will be fogged per minute with a mass median diameter size of 5 microns. (2) Start the pulsating jet engine of the Hub States Fog Applicator and allow it to run one full minute before opening the insecticide valve. (3) Walk backward down the entire length of the center aisle of the greenhouse directing the fog over the plants, swaying the machine back and forth, to blanket two benches from each side of the aisle. Keep the Hub States Fog Applicator nozzle a minimum of four feet from plants. The Hub States Fog Applicator should never be in a fixed position - it is to be constantly moving so as to cover the entire area as evenly as possible. Do not over-apply to the point where foliage is visibly wet.



**Hub States Corp**

ADVANCED PRO  
ENVIRONMENTAL  
2000 North Illinois St. Indianapolis Ind

# FORMULA 38

A Concentrated insecticide formulation for greenhouse ornamentals and to be applied with Hub States Fog Applicator only.

### ACTIVE INGREDIENTS:

Petroleum distillate .....  
2,2-dichlorovinyl dimethyl phosphate .....  
Related compounds .....  
TOTAL .....



Net Contents  
U.S.D.A. REG. NO. 5602-69



ACCEPTED WITH COMMENTS

# PRODUCTS FOR ENVIRONMENTAL SANITATION ADVANCED PRODUCTS FOR ENVIRONMENTAL SANITATION ADVANCED

## Hub States Corporation



ADVANCED PRODUCTS FOR ENVIRONMENTAL SANITATION

2000 North Illinois St. Indianapolis, Ind. 46202 - Phone 317 925 1431

# FORMULA 38

Formulated insecticide formulation for use on ornamentals and to be applied with a Hub States Fog Applicator only.

.....	90.0%
.....	9.3%
.....	0.7%
.....	100.0%

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NOTE: Where bench Chrysanthemums, Roses and other crops are of such height where it is difficult to fog over the plants without wetting the foliage, then direct the fogging operation under the benches. Sway the machine back and forth occasionally pointing the Hub States Fog Applicator nozzle upward where possible. Repeat applications as often as necessary.

*This Product Should Be Used in Commercial Greenhouses Only.*

### DURATION OF EXPOSURE

Length of exposure time is 1½ hours with ventilators and doors closed. After this time, the house should have a 2-hour exposure period with ventilators and doors open.

### *Warning!*

ANTIDOTE: If swallowed, give a tablespoonful of salt in a glass of warm water and repeat until vomit fluid is clear. Have victim lie down and keep quiet. Call a physician immediately!

WARNING: Poisonous by skin contact, inhalation, or swallowing! Rapidly absorbed through the skin! If on skin, wash immediately with soap and water. In case of contact, immediately remove all contaminated clothing and flush skin or eyes with plenty of water for at least 15 minutes. For eyes, get medical attention. Do not breathe fog or spray mist. Wash thoroughly with soap and water after handling and before eating or smoking. Wear clean clothing. Atropine is antidotal. Keep away from heat and open flame. Always wear a gas mask of a type recommended by the U. S. Department of Agriculture. Keep out of reach of children.

This product is toxic to fish. Keep out of lakes, streams, and ponds. Apply this product only as specified on this label.

### IMPORTANT STORAGE INSTRUCTIONS:

If subjected to temperatures below 32° F. move container to warm storage until reaching average room temperature and thoroughly mix before use.

