

Spraying or fogging with Ancora[®] Microbial Insecticide

Common Power Spraying Equipment

The new Ancora WDG has been tested and found to be compatible to use in common hydraulic sprayers such as the Dramm Hydra Sprayer or other similar units.



To use Ancora in this type of equipment, simply use Ancora at the rate of 16 oz. per 100 gallons of water. Based on a spray volume of 100 gallons per acre, this will provide one lbs. of Ancora per acre. Fill the tank with about five gallons of fresh water making sure the agitation system is working properly. If no agitation, then the pressure relief system will provide adequate mixing via re-circulation.

Add the Ancora to the circulating water and allow 15 to 20 minutes for the Ancora blastospores to prime and release from the formulation.

Ancora can also be pre-mixed via a slurry mix by using a couple of gallons of water for each 16 oz. of product used. This slurry mix will aid in wetting and mixing of the product before it is added to the final mix volume in the spray tank.

Apply the Ancora mix within a four hour period as any longer time will result in the spores developing germ tubes in the tank mix. The germ tube activity needs to occur on the pests you are trying to control, so apply within the four hour time frame. At the completion of the application,

rinse out the tank and cycle clean water through the tank, pump and hose(s). Doing so will leave your equipment ready for use another time. The new Ancora formulation will not clog typical filter screens used in power spray units such as the Dramm unit mentioned above. Ancora will also work thru any backpack or hand-held sprayer without clogging when used at the rate of 16 oz./100 gallons.



Common Fogging Application Equipment

The new Ancora WDG has been tested and found to be compatible to use in common fogging equipment such as the Dramm PulseFog, AutoFog, or similar units, provided the following directions are followed. Thermal or non-thermal foggers have screens and filters to prevent large particles from clogging the system's valves and nozzles. Suspended particles under 200 microns will work in these foggers. In order to use Ancora you will first need to make a pre-mix solution (slurry mix) and allow time for the material to settle out of suspension and then decant or screen-out the larger particles found in the mix.



The decanting process is easily done by first mixing the calculated amount of Ancora using the Dramm Chemical Use Worksheet for the unit used with enough water to make the slurry. For example, the PulseFog would use 3.2 oz. of Ancora mixed with 1.75 liters of water, add 250 mL (or less) of Nutrifog, mix thoroughly, and allow to sit for 20 to 30 minutes. In doing so, the blastospores will release from the carrier and much of the heavier particles will settle out of suspension.

Next pour-off (decant) the liquid into the PulseFog chemical tank LEAVING behind the bulky material in the slurry container. You should have about a liter of liquid to use in the PulseFog.

For use in the AutoFog

Mix at the rate of 16 oz. Ancora per acre into 14 liters of water (about 3.6 gal.) or proportionately for the amount of area to treat. Let the mix sit for 20 to 30 minutes allowing the bulky carrier to settle out. Decant the mix into the AutoFog tank leaving behind the bulk. The AutoFog tank screen will do a good job of filtering any remaining bulky particles. If you prefer, you can also decant the mix through a 200 micron screen which will remove much of the bulky carrier. Do not be concerned about filtering out the spores as they are about 50 microns in size. Finally, pour the filtered mix into the fogger tank then set your timer for operation.



Ancora is a trademark of OHP, Inc.

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