

Fog Force™ Bird Repellent

An Effective & Humane Tool for Bird Dispersal



What is Fog Force?

Fog Force is a Methyl Anthranilate (MA) based bird repellent used for the humane and effective dispersal of pest birds in open spaces. It is formulated for application with foggers and haze generators.

IS IT SAFE?

When used as directed, Fog Force is harmless to people, pets, plants and birds. It consists of **Methyl Anthranilate** or MA and soybean oil. MA exceeds US Food Chemical Codes (FCC) specifications, and is classified as Generally Recognized As Safe (GRAS).

MA is used as a fragrance or flavoring in many types of foods including; soda, ice cream, candy and gelatin. It comes from natural sources such as concord grapes and the blossoms of gardenias and jasmine.

How Does Fogging Work?

Fog Force is a contact repellent - all the birds must be exposed to the fog or haze. When exposed, the MA particles stimulate a bird's trigeminal nerve and mucous membranes creating a sensation similar to eating a hot pepper. The birds soon associate the location with the repellent and leave the area for good.

Equipment

Fog Force is applied by pulse jet foggers, ULV or mechanical foggers and haze generators. Use equipment designed for the application of oil based solutions.

Do not use propane foggers or garden sprayers. They are not designed to produce the dry particle sizes required for proper fogging or hazing.

Application

Fog Force is ready to use, do not dilute or mix with any other material. For best results use 'low' or 'dry' output settings to produce a dry fog or haze with most particles in the 10-20 microns size range. A dry fog spreads quickly and efficiently, permeating all areas without leaving an oily residue.

Fog Force may not be effective for nesting birds. The hard-wired nesting instinct can outweigh any repellent effect. Use other methods for nesting birds.

When and How Often

Birds breathe 30 times faster when they fly, so the best time to expose a bird is when it is in flight, entering or leaving the area. For best results, fog or haze early in the morning as the birds are leaving the roost or in the early evening when they settle down for the night. Do not fog or haze after dark.

If using pulse-jet or ULV cold fogger, it may take 6 or 7 applications to expose all of the birds in a flock to the repellent. After each application fewer and fewer birds will return until all the birds have found other places to go.

In a bird hazing system, follow the equipment placement and time settings recommended by the manufacturer. If you have any questions, contact Nixalite.

Coverage

Pulse-jet foggers can use as little as 8 fl.oz. per acre. Haze generators use even less product as they produce a much lighter haze for longer periods of time.

Fog Force

- All natural ingredients
- Efficient and economical
- Just a few ounces per acre
- No dilution, no mixing
- Behavior modification
- Not harmful to birds

Applications

- Indoors & Outdoors
- Aircraft Hangars
- Parking Garages
- Recycling Centers
- Loading Docks
- Large Flat Roofs
- Stadiums, Landfills
- Feed Lots, Stockyards
- Greenhouse, Nurseries
- Golf Courses
- Electrical Substations
- Trees & Tree Farms
- Orchards, Vineyards
- Cemeteries, etc

Fog Force AR & TR



Fog Force AR - Aerosol spray that is ideal for spot control and tight spaces.

Fog Force TR - Aerosol can in a Time Release dispenser. Ideal for isolated roosts.

For more information on Fog Force products contact Nixalite

Examples of the equipment used to fog and haze the Fog Force Bird Repellent

Pulse Jet Thermal



ULV/Mechanical



Small Bird Hazer



Large Bird Hazer



This information is not intended to replace the Fog Force Directions for Application. ALWAYS read, understand and follow the Fog Force documentation included with the Fog Force containers.



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EAO Fog Force



Frequently Asked Questions about Fog Force Bird Fogging Repellent

What is Fog Force?

Fog Force™ is a liquid bird repellent used for the humane and safe control of pest birds. It is applied in aerosol form by fogging equipment and haze generators. It is most effective when used in large open areas where other methods of bird control would be difficult to employ.

Is Fog Force Safe?

YES. When applied as directed, Fog Force is harmless to people, pets, plants and birds. The active ingredient in Fog Force is Methyl Anthranilate (MA), a food grade repellent which exceeds US Food Chemical Codes (FCC) specifications, and is classified as Generally Recognized As Safe (GRAS). MA is used as a flavoring and fragrance in food items. Examples would be beverages, ice cream, candy, chewing gum, etc.

How does it repel birds?

Fog Force is a contact repellent. To be effective, the birds must be directly exposed to the fog or haze. The active ingredient in Fog Force stimulates a birds' mucous membranes and trigeminal nerve. The birds soon come to associate the repellent with the area of exposure. This behavioral change can take several exposures before they leave for good. The process is harmless to the birds yet amazingly effective.

How do I use Fog Force?

Fog Force can be applied with thermal foggers, mechanical foggers (ULV's and vector control machines) and haze generators. In each instance the Fog Force is poured full strength directly into the formulation tank, it is NEVER diluted.

Fog Force does not mix with water and should never be used with equipment intended to apply only water based solutions. After filling the tank, operate the equipment as directed by the manufacturer.

Foggers (thermal & ULV) use low output settings to create droplet sizes of less than 25 microns. This is a 'dry' fog that will stay airborne longer, carrying the repellent over large open areas. High output settings create a 'wet' fog that is much less efficient.

Haze Generators use a much smaller particle size to create a nearly invisible haze. Dispersed at high velocity, this haze covers large areas. Most haze generators from Nixalite are automated.

How often do I have to Fog?

Fog Force can provide immediate results, however, it may take several applications to obtain long lasting control. With each exposure fewer and fewer birds return. If another flock moves in, repeat the fogging or hazing process. Fog Force may not be effective for birds that are nesting. The instinct to stay on a nest can be stronger than the effects of the repellent. For nesting birds, use other methods of control.

What's the best time to Fog?

Best results are achieved by applying early in the morning or in the early evening. Morning applications should be done just as the birds are getting ready to fly to their feeding areas. Evening applications should be done before it gets too dark. Do not apply Fog Force in moderate to high winds. This could take the fog out of the target area too quickly.

Does it work on all birds?

YES. Fog Force has proven to be an amazingly effective repellent for all bird species.

Fog Force is a contact repellent. In every instance the birds must actually come into contact with the repellent fog for it to work. Large birds are usually effected first. Smaller birds usually require additional exposures.

Where can I Fog or Haze?

Fog Force is very efficient in repelling birds from large open areas (indoors and out). Use Fog Force to clear aircraft hangars, parking garages, warehouses, large flat roofs, stadiums, landfills, feed lots, stockyards, greenhouses, nurseries, golf courses, electrical substations, hydro-electric dams, trees, orchards, vineyards, and more. Foggers typically cannot be used over fish bearing waters. Haze generators are usually approved for this application as the particle size is much smaller.

How long does it last?

If applied as a dry fog, Fog Force can evaporate within a few minutes. Once dissipated, it has no effect on birds as it is **non-residual**. The smaller the particle size, the longer the repellent remains airborne. A dry haze can stay airborne up to 40 times longer than a cold fog and many times longer than a thermal application. Staying airborne longer means travelling more distance and affecting more birds. A dry fog can travel 300 feet or more while a dry haze can travel 700 feet or more.

**For more information contact
Nixalite® of America Inc**

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