



Barns & Equipment Protocol

Protecting Farm Buildings & Valuable Assets



Avian Control®

Infrastructure Protection

Avian Enterprises offers EPA-registered, non-toxic bird repellents that effectively deter nuisance birds from farm structures and heavy equipment. These solutions provide lasting repellency without birds developing immunity, offering a significant advantage over traditional methods.

Modus of Repellency

Avian Control® Bird Repellent irritates bird's pain nerves (trigeminal nerves). Any contact with Avian Control® will cause birds to leave the area. Unlike sound devices, flashing lights, or other deterrents, birds never get used to Avian Control®. Avian Fog Force® Time Release is a low maintenance, automated system that mists the same powerful bird repellent.



Key Benefits for Crop Protection

Harvest-Day Application	Not a "Restricted Use" pesticide. EPA Registered in all 50 states. Application (preharvest interval) to crops through harvest day.
Operational Efficiency	A simple spray-on solution or automated protection. Birds never get used to the effect, unlike scare tactics and laser systems.
Plant & Animal Safety	Proven suitable for plants, beneficial insects (like bees), people, pets, and animals. All ingredients are "Generally Regarded As Safe" (GRAS) by the FDA.
Cost Effective	At a suggested rate of 32 oz. per acre, the cost per application may be less than \$30, offering the least expensive and most effective method compared to scare tactics, audio systems, lasers, and netting.

Interior and Semi-Enclosed Spaces

Pest birds nesting in barn rafters and equipment sheds. Corrosive droppings damaging valuable farm machinery, contaminating surfaces, and posing health risks.

Avian FogForce® TR

Avian FogForce® TR is an automated, time-released aerosol mist repellent system perfect for agricultural settings. It is designed for enclosed and semi-enclosed spaces such as barn rafters, poultry houses, feed storage areas, and equipment sheds.

Application

The unit will automatically release a fine, repellent mist at set intervals, covering an area up to 42,000 cubic feet. Using included hardware, mount the programmable dispenser units to areas where birds are a nuisance. Keep immediate area in front of dispenser clear to allow the mist to spread.



Maintenance Schedule

Each aerosol canister lasts from 30 to 60 days, depending on setting. Dispensers are powered by two "D" batteries that last up to six months. Replace as needed.

Feed, Structures, and Equipment

Birds flocking to barn exteriors and equipment. Fouling animal feed, leading to waste and disease. Droppings damaging building materials and requiring constant cleanup.

Avian Control® Bird Repellent

Avian Control® is a liquid bird repellent concentrate perfect for protecting farm buildings and equipment. It is designed for thermal fogging or spot spraying in areas such as barn interiors, equipment sheds, and storage facilities.

Application

Apply Avian Control® directly to structures, surfaces, and feed to create a deterrent shield. Use spray treatments and ULV fogging for targeted areas, or thermal fogging to reach high into building rafters. For the first 1-4 weeks, applications should be done 1-2 times weekly.



Maintenance Schedule

Reapply periodically to maintain a bird-free environment, especially in areas with persistent bird activity. Initial treatments and persistent bird pressure may require more frequent application (e.g., 5-14 days apart).

Mixing

Equipment & Supplies

- ☐ Avian Control® Bird Repellent
- ☐ Water pH testing kit (optional)
- ☐ Appropriate sprayer equipment (e.g., backpack, mobile, aerial sprayers)
- ☐ pH buffering agent (recommended when using acidic/well water)
- ☐ Dish Soap (optional)

Important Considerations for Mixing

Critical: Water pH	Water used for mixing must not be below pH 7 (neutral). Test your water's pH, especially well water, which is often acidic.
pH Buffering	If your water has a pH lower than 7, add a buffer to increase the pH to 7 before adding Avian Control®.
Tank Mixing	Applying Avian Control® alone is recommended to ensure optimal performance. Avoid tank mixing Avian Control® with low pH pesticides, insecticides, or fungicides, as acidic solutions (pH under 7) reduce its effectiveness.
Surfactant Use	To ensure uniform coverage with sprayers that do not agitate the solution, like hand or backpack sprayers, add a surfactant such as liquid dish soap to the Avian Control® solution. Use 1 oz. of dish soap per 3 oz. of Avian Control.
Spreader/Sticker	A spreader or sticker is not necessary with Avian Control® and, in cases like an acidic sticker, may reduce its effectiveness.

Step-By-Step Application

1 Prepare Solution

Add the measured amount of Avian Control® to your sprayer or application equipment. Unless tank mixing, shake the Avian Control® container vigorously before adding.

2 Adjust Water pH (optional)

If the water is acidic, buffer it up to a pH above 7 before adding Avian Control®.

3 Add Water & Mix

Dilute Avian Control® with water at a ratio of 1 part product to 10-20 parts water or in sufficient water for the application equipment to be used. For best results, add 1 oz. of liquid dish soap per gallon of solution to prevent separation.

4 Apply Evenly

Apply the product evenly, with a fine spray mist, to the target areas. Ensure consistent, thorough coverage to desired application areas..

Note: It is crucial to use a high enough application rate (1 part Avian Control® to 10-20 parts water), especially during initial treatments, to establish effective deterrence.

Maintenance Schedule

Reapply Avian Control® Bird Repellent at 7 to 10 day intervals, or as needed based on bird pressure and environmental factors.

Important Tips

Consistent application is crucial for training birds to avoid your property long-term.

In all states, you can apply Avian Control® for your own use without a state permit. If charging for application, a state permit may be required. Check with your state Department of Agriculture or other appropriate governmental authority.

Re-Entry Interval(REI)

Avian Control® Bird Repellent has an REI of 4 hours after spraying in order to allow the application to dry.

Rain Consideration

Reapply after exposure to heavy rain (1-2 in.), which may wash the Avian Control® off.

Product Validation & Testing

Avian Control® effectiveness is supported by numerous third-party field tests and university studies. The following universities and organizations have performed or are currently performing testing:

- Michigan State University & Trinity Western University: Blueberries and other berry crops
- UCLA Irvine: Strawberries
- Penn State: Wine grapes
- NC State University: Blueberries
- University of Hawaii: Native grasses and fruits
- Growers and Grower Consortiums: Sunflowers, soybeans, apples, cherries, and other fruits
- SinoChem Ningbo LTD (China): Millet, grapes, tree fruits, and wheat



Made in the USA with FDA GRAS (Generally Regarded as Safe) ingredients, our solutions are suitable for use around your family, pets, vegetation, and waterways when used as directed.

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