



# ECOBIRD® 14.5

## EcoBird Goose & Bird Repellent



### What Is EcoBird 14.5 Repellent?

An EPA registered goose and bird **contact repellent** used to protect agricultural commodities (berries, apples, stone fruits, cereal grains and sunflowers) and non-agricultural sites (turf, grass, hydroseeding, garbage, food stuffs, landfill and spot repelling) from hungry birds.



### Is EcoBird 14.5 Repellent Safe?

All ingredients are Generally Regarded As Safe (GRAS) as defined by the US Food and Drug Administration. The **Methyl Anthranilate<sup>1</sup>** (MA) acts as an irritant only to birds, it does not affect people, pets, livestock or plants. It can be safely sprayed on a wide variety of food stuffs. MA is a food additive and is in everyday items like bubble gum, soft drinks and candy.

### How Does EcoBird 14.5 Work?

This is a **contact repellent**. The bird must inhale or ingest treated surfaces or objects to get the repellent effect. MA irritates a bird's **trigeminal nerve** (see sidebar details). The bird soon associates this repellent effect with the location and learns to stay away from surfaces and areas treated with EcoBird 14.5.

### EcoBird 14.5 Applications

Protect agricultural crops such as berries, apples, stone fruits, cereal grains and sunflower seeds.

Protect turf, grass and hydroseeding from geese and other birds in your yard and at golf courses and parks.

Repel birds from trash, garbage, waste and food stuffs (spilled grain). Use at landfills, dumpsters, grain handling centers and on garbage collection sites

### How is EcoBird 14.5 Applied?

Spraying is the best method of application. Use direct spray methods to treat the listed agricultural and non-agricultural surfaces and objects. Spraying equipment varies with job size. Small areas like yards or small berry patches can be sprayed with a pump-up tank sprayer. Larger areas like golf courses or parks may benefit from larger capacity spraying equipment. Aerial spraying can be used to treat very large areas like vineyards, orchards or large scale berry or sod farms.

### How Long Will EcoBird 14.5 Last?

One treatment can last 10 to 14 days on most surfaces. Do not apply on wet surfaces or when rain is expected. Allow to dry before permitting human activity on sprayed surfaces. Repeat applications as warranted by bird activity.

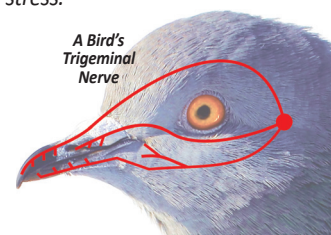
### Dilution Rates for EcoBird 14.5

Mixing rates depend on the type of application. Refer to the product label for dilution rates for each type of application. If you have any questions please contact us.

### EcoBird 14.5 Bird Repellent

- Proven Effective and Humane
- Safe for people, pets and plants
- Generally Regarded as Safe (GRAS)
- 14.5% Methyl Anthranilate (MA)
- Concentrate mixes with water
- For ground and aerial spraying
- Protect berries, fruit, cereals, etc
- Protect grass, turf, garbage, etc

**Note 1: Methyl Anthranilate** is a naturally occurring compound found in concord grapes and other flowering plants. It is used to flavor food items like chewing gum, candy and soft drinks. **As a bird repellent**, it is used as a chemosensory repellent that irritates the bird's Trigeminal Nerve causing temporary discomfort and stress.



**Note 2: A bird's Trigeminal Nerve** transmits the information sensed by the eyes, nose and beak to the brain. MA repellents irritate the pain receptors of the trigeminal nerve, causing stress and disorientation. All effects dissipate when the bird leaves the treated area and/or stops ingesting or inhaling the repellent.



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