



# Migrate for Agriculture Bird Repellent for Berries

**Protect cherries, grapes and blueberries from losses due to pest bird depredation. Safe, easy to apply and humane control.**

## Rejex-it® Migrate™ for Agriculture

makes treated cherries, grapes and blueberries unpalatable to birds. It works as a sensory repellent and irritates the mouth and stomach of birds who try to ingest the treated berries, without causing adverse physiological reactions in the birds. Migrate™ for Agriculture works because it affects the behavior while causing no actual harm to the bird. As a result, birds will avoid feeding in places where Migrate™ for Agriculture is present, diverting them to other feeding areas. So far, no bird species has been found, that is not affected by the Migrate for Agricultural bird repellents.

Rejex-it® Migrate™ for Agriculture has been formulated from food grade ingredients with an active ingredient, methyl-anthranilate, that meets US Food Chemical Codex (FCC) specifications. Rejex-it® Migrate™ for Agriculture is an aqueous slurry of micro-encapsulated product that is miscible with water in any ratio.

Research has shown to date that all bird species are affected by Migrate™. After one application of Migrate™ for Agriculture, birds quickly leave the treated areas. Migrate™ for Agriculture can be mixed with water and spray applied up to the day of harvest for blueberries. Limit the application to 3 days before harvest for cherries and grapes. If the grapes are used for wine making, spray only up to 5 days to harvest.

## Weather Conditions

Apply Migrate™ for Agriculture when there is no rain in the forecast, in the morning after dew disappears or in the evening. Do not apply when the sun is directly overhead or in freezing conditions. Apply when fruit is dry and approaches a ripeness susceptible to bird feeding.

## Application Directions

Migrate™ for Agriculture is applied using a pump or power-blast sprayer. Shake the Migrate™ before mixing with water. Read the label for the appropriate mixtures. Mix in well-ventilated areas. For better coverage for blueberries and grapes, add a silicone surfactant.

## For Aerial Application

Mix Migrate™ at a ratio of 1 part product to 1-3 parts water. Apply spray mixture at a rate of 10-20 gallons of spray mixture per acre. (See label for details.)

## For Ground Application

Mix Migrate™ at a ratio of 1 part product to 10-20 parts water. At the 1:10 ratio, apply 25-50 gallons spray mixture per acre. At the 1:20 ratio, apply between 50-100 gallons spray mixture per acre. Ratios should provide adequate coverage on fruit surfaces.

## Additional Applications

One application lasts from 2-3 weeks. Repeat treatment every seven days if bird feeding continues. On cherries, one application is usually sufficient. On blueberries, usually two applications are needed. Apply the first before the first berries can be eaten by birds, and the second after the first harvest.

## Micro encapsulation

Micro encapsulation is the process of enclosing a substance inside a miniature capsule. Such capsules are called micro capsules. The substance inside the Migrate™ micro capsule is Methyl Anthranilate. The capsule wall is made of a natural substance. The capsule wall keeps the Methyl Anthranilate from direct contact with turf or plants, which may cause discoloration in heavy applications.

**Note: ALWAYS read all product information and the product label before application!!**



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*Where the World Shops for Humane Bird and Animal Control.*

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# Frequently Asked Questions About Migrate for Agriculture



## What is Migrate for Agriculture?

Migrate for Agriculture (formerly Crop Guardian) is a micro-encapsulated formulation of Methyl-Anthranilate (**hereafter listed as 'MA'**) used for the non-lethal control of birds. The active ingredient, MA is a food grade repellent which exceeds US Food Chemical Codex (FCC) specifications, and is classified as Generally Recognized As Safe (GRAS) by the Expert Panel of the Flavor & Extract Manufacturers Association. MA is a common additive to foods, food flavors, and fragrances.

## What does Migrate for Agriculture do?

It is used to reduce bird damage to berry crops. It is approved for use on grapes, blueberries and cherries. It is mixed with water and sprayed on berry crops.

## How does Migrate for Agriculture work?

It is a micro-encapsulated MA taste repellent that makes sprayed crops unpalatable to birds, teaching them to feed elsewhere. The slight grape odor has no effect on birds - it is the taste of the MA that discourages bird predation.

## Will it change the taste of the fruit?

While the label states application up to the day of harvest, for cherries and grapes, it is advised to limit the application to 3 days before harvest to eliminate any slight grape taste on your fruit. If the grapes are used for wine making, you might want to spray only up to 5 days to harvest. Blueberries are not as sensitive to taste contamination and application up to harvest has no impact on taste.

## How safe is Migrate for Agriculture?

It will not harm people, plants or animals. It is formulated from food grade ingredients with an active ingredient that exceeds US Food Chemical Codex (FCC) specifications.

## When do I apply Migrate for Agriculture?

Apply to dry fruit only after the fruit is ripening and there is no significant rain in the forecast. See label for more details.

## How soon after applying can I harvest?

Migrate for Agriculture can be applied to your blueberries up to the day of harvest. It is advised to limit the application to 3 days before harvest for cherries and grapes, and 5 days for grapes for wine making to eliminate any grape-like taste on your fruit.

## How do I apply It?

Read the label for the correct amount of water to add for your type of fruit. Shake well and add it and the recommended quantity of water. DO NOT use a hose end sprayer. For better coverage for blueberries and grapes, add a wetting agent or surfactant.

## How often will I need to apply?

Repeat the treatment within seven days if the birds continue feeding on the fruit.

## Is 'more' Better?

No, for best results, apply Migrate for Agriculture within the recommended amounts for the type of fruit that you are treating.

## Can I mix it with other solutions?

NO. It has not been tested for mixing with other active ingredients. You may inadvertently damage the fruit you intend to protect. Mix only with water.

## How do I apply for ground applications?

Mix with water at a ratio of one part product to 10-20 parts water. At the 1:10 ratio, apply 25-50 gallons spray mixture per acre. At the 1:20 ratio, apply between 50 and 100 gallons of mixture per acre. See the product label for more information.

## How do I apply for aerial applications?

Mix with water at a ratio of one part product to 1 to 3 parts water. Apply spray mixture at a rate of 10-20 gallons of spray mixture per acre. See label for further clarification.

## Food products with MA

Listed MA concentrations are averages	
Fruit juices 16 ppm	Ice cream 21 ppm
Candy 56 ppm	Baked goods 20 ppm
Gelatin/pudding 23 ppm	Chewing gum 2200 ppm

## Naturally occurring sources of MA

Concord Grapes, Orange Blossoms, Jasmine Blossoms, Acacia Blossoms, Gardenia Blossoms, Neroli Oil

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