



Migrate for Agriculture

A safe, effective and humane bird repellent made from, non-toxic, food grade ingredients.

Benefits:

- Food-grade ingredients
- Harmless to people, pets and birds!
- Pleasant grape odor
- Polymeric sticking agent in solution
- Easy mixing ratios. Mixes with water.
- 1 treatment can last up to 3 weeks.

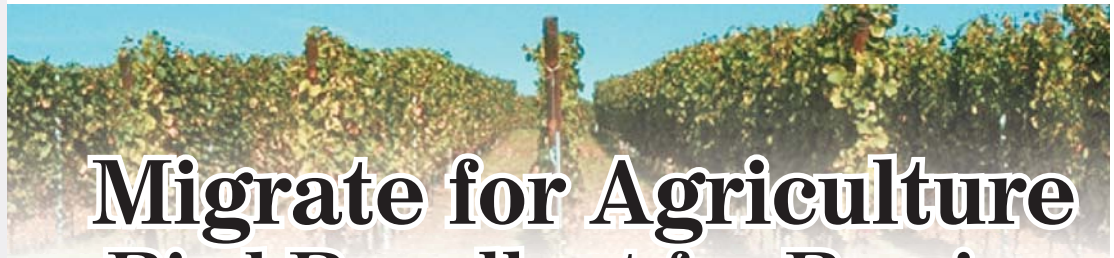
Works for all types of birds:

- Waxwings
- Doves
- Gulls
- House Finches
- Robins
- Sparrows
- Cardinals
- Gold Finches
- Mockingbirds
- Starlings
- Seagulls
- and many more!

NOTE

Always consult the label for specific instructions prior to use.

Not available in all states or countries. Call Nixalite for more information.



Migrate for Agriculture Bird Repellent for Berries

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

What is Migrate for Agriculture ?

Formerly called Crop Guardian, Migrate for Agriculture is a liquid repellent used to protect ripening cherries, blueberries and grapes from hungry birds. As this is a taste repellent, the birds must eat a few berries before it has the desired effect. Once a bird eats a berry, it exposes itself to the repellent. Typically they drop the fruit and fly away. If they swallow the berry whole, the bird will start regurgitating after a short time. An effective but harmless repellent.

Application & Mixing Rates

Apply Migrate for Agriculture with ground spray equipment or by aerial spraying.

Ground: mix at a ratio of 1 part Migrate for Agriculture to 10 parts water (1:10).

Aerial: mix at a ratio of 1 part Migrate for Agriculture to 1 part water (1:1).

Shake or stir well before mixing. Do not apply on wet or damp fruit. Withhold treatment until the fruit is susceptible to bird damage. **DO NOT let Migrate for Agriculture freeze.**

Migrate for Agriculture Coverage Rates

Area	Method	Migrate for Ag+ Water	Coverage
Small	Ground	1 fl. oz. + 10 fl. oz (1:10)	100 sq. ft ²
Large	Ground	2.5 gal. + 25 gal. (1:10)	1/2 acre
Large	Ground	5 gal. + 50 gal. (1:10)	1 acre
Large	Aerial	10 gal. + 10 gal. (1:1)	1 acre

How long will an application last?

Typically one application will last about 3 weeks. When bird populations are high, another application may be needed 10 days after the first. Repeat treatment if significant bird damage begins to occur. Migrate for Agriculture is formulated with a sticker/spreader that will protect it from occasional rainfall. Continuous rain for several days will require a fresh application.

What about residual on the fruit?

Process and wash your fruit as you would normally after harvest. Wash and rinse with large quantities of water. To reduce any residuals, follow the 'last application' schedule below.

Cherries and Table Grapes: Discontinue applications 3 days prior to harvest.

Grapes for wine: Discontinue treatment 5 days before harvest.

Blueberries: Application can continue until harvest.

For current prices & availability, visit our website at www.nixalite.com or contact Nixalite at 800.624.1189 or fax 800.624.1196



Nixalite® of America Inc.
1025 16th Avenue East Moline, IL. 61244
Experts In Architectural Bird Control Since 1950

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

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



Nixalite® of America Inc.
1025 16th Avenue East Moline, IL. 61244
Experts In Architectural Bird Control Since 1950

Phone: 800.624.1189 or 309.755.8771

Fax: 800.624.1196 or 309.755.0077

Email: birdcontrol@nixalite.com

Web: www.nixalite.com



Where the World Shops for Humane Bird and Animal Control.

Copyright© 2009 by Nixalite® of America Inc. All rights reserved. Nixalite® is a registered trademark of Nixalite® of America Inc. Printed with pride in the USA.