

66550-1

1/29/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Leonard R. Askham, Ph.D.  
Bird Shield Repellent Corporation  
P.O. Box 785  
Pullman, WA 99163

JAN 29 2013

Subject: Label Amendment to add new non-food use of "newly planted and sown seedlings, sprouting vegetation, and overwintering crop regrowth" and make other minor label revisions.  
Bird Shield Repellent Concentrate  
EPA Reg. No.: 66550-1  
Your submission dated September 7, 2012  
Decision Number: 469684

Dear Dr. Askham:

The amendment referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)(5), is acceptable provided that you:

- 1) Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
- 2) Submit two (2) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Should you have any questions, you may contact Mr. Colin Walsh directly at (703) 308-0298 or via email at [walsh.colin@epa.gov](mailto:walsh.colin@epa.gov).

Sincerely,

Linda A. Hollis, Chief

CONSUMER PESTICIDES BRANCH

SYMBOL	7511P						
SURNAME	Walsh						
DATE	1/29/13						

2/17  
**ACCEPTED**

JAN 29 2013

Under the Federal Insecticide, Fungic  
and Rodenticide Act, as amended, for  
the pesticide registered under  
EPA Reg. No. 66550-1

## Master Label FRONT PANEL

# Bird Shield®

## Repellent Concentrate

Sublabel A- Agricultural use: (Blueberries, Pome and Stone Fruits, Cereal Grains, Sunflowers, Table Grapes, Turf, Sprouting and Emerging Crops, Structures, Non-fish bearing bodies of water)

Sublabel B -Commercial use: (Turf, Ornamentals, Commercial Buildings, Public Parks, Playgrounds, Non-fish Bearing Bodies of Water, and Airports).

Sublabel C - Residential use, (Pome and Stone Fruit, Blueberries, Table Grapes, Turf, Ornamentals, and Structures.)

<u>Active ingredient</u>	<u>By Wt.</u>
Methyl anthranilate	26.4%
Other ingredients	73.6%
<b>Total</b>	<b>100.0%</b>

This product contains 2.29 lbs. of active ingredient per gallon.  
This concentrate has been formulated from food grade ingredients.

**KEEP OUT OF REACH OF CHILDREN**

### WARNING AVISO

*Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle*

(If you do not understand the label, find someone to explain it to you in detail).

#### FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything to an unconscious person.

**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center for further treatment advice.

For emergency information on (product, use, etc.), call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222. Have the product container or label with you when calling a poison control center, doctor, or going for treatment.

SEE REAR PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Bird Shield Repellent Corporation  
P.O. Box 785  
Pullman, Washington 99163-0785  
www.birdshield.com

EPA REG. No. 66550-1  
EPA EST. No. 44616-MO-001  
U.S. Pat. No. 5,296,226  
Other patents pending 12.12.12

Net contents One U.S. Gallon (3.78 liters) 128 fl. oz.

**DO NOT FREEZE**

3/17

# Agricultural Label FRONT PANEL

## Bird Shield®

### Repellent Concentrate

For Agricultural Use on Blueberries, Pome and Stone Fruits, Cereal Grains, Sunflowers, Table Grapes, Turf, Sprouting and Emerging crops, Structures, and Non-fish bearing bodies of water.

<u>Active ingredient</u>	<u>By Wt.</u>
Methyl anthranilate	26.4%
Other ingredients	73.6%
<b>Total</b>	<b>100.0%</b>

This product contains 2.29 lbs. of active ingredient per gallon.  
This concentrate has been formulated from food grade ingredients.

#### KEEP OUT OF REACH OF CHILDREN

#### WARNING AVISO

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(If you do not understand the label, find someone to explain it to you in detail).

#### FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything to an unconscious person.

**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center for further treatment advice.

For emergency information on (product, use, etc.), call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222. Have the product container or label with you when calling a poison control center, doctor, or going for treatment.

SEE REAR PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Bird Shield Repellent Corporation  
P.O. Box 785  
Pullman, Washington 99163-0785  
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EPA REG. No. 66550-1  
EPA EST. No. 44616-MO-001  
U.S. Pat. No.5,296,226  
Other patents pending 1.28.13

Net contents One U.S. Gallon (3.78 liters) 128 fl. oz.

### DO NOT FREEZE

## REAR AND SIDE PANELS

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

#### WARNING

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Harmful if swallowed. Harmful is absorbed through skin. Avoid contact with skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

#### PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear protective eyewear, long sleeved shirt and long pants, shoes and socks, and chemical-resistant gloves during mixing, loading and application. In California, pesticide handlers (mixers, loaders, applicators) must also wear coveralls over normal work clothes and not prepare spray solutions using more than 50 gallons of concentrate per day. Persons occupying an enclosed cockpit may substitute work clothing (i.e., long sleeved shirt, long pants, shoes and socks) for labeling-specified personal protective equipment.

### ENVIRONMENTAL HAZARDS

**For terrestrial uses:** Do not apply directly to fish-bearing bodies of water, to areas where surface water may contaminate streams or lakes or to intertidal areas below the mean high water mark.

Do not contaminate water when disposing of equipment wash water or rinsate.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers and restricted-entry interval. The requirements in this box apply to uses of this product that are covered by the WPS.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. For early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil or water, wear long sleeved shirt and long pants, socks and shoes, gloves and protective eyewear. Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements on this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. Do not enter or allow other people or pets to enter the treated area until spray has dried.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

**Preparation and Mixing Instructions.** If frozen or solidified warm to 75<sup>0</sup> F. If separated, mix liquid concentrate until ingredients are evenly distributed before adding to water and using the repellent. Do not add stickers, spreaders or surfactants to tank mix. This product may be mixed with EPA approved *bacillus thuringensis*, insecticides, fungicides and herbicides. Check for compatibility and refer to individual product labels prior to use. Observe the most label ling limitations and precautions of all products used in mixtures.

**Compatibility.** Incompatible with styrene and some plastic products, paints and finishes. To prevent formulation separation in high calcium content (hard) water that might cause filters, screens and nozzles to clog precondition with a sequestering agent such as EDTA, or a similar product, by adding it to the mixing water 10 to 15 minutes before adding repellent. If product is to be mixed with other pesticides, compatibility testing prior to mixing will avoid potential application problems. Test compatibility in a small container by combining all ingredients in the same ratio as the anticipated use. Apply a small amount to the area to be protected from the birds. If any indications of physical incompatibility develop, such as coagulation in the container, browning or burning of the vegetation, or discoloration of the surface, do not use this mixture. Indications of incompatibility usually will appear within 5 to 20 minutes after mixing and application.

**APPLICATION INSTRUCTIONS**

This product is used to limit birds such as robins, black birds, starlings, cedar waxwings, jays, magpies, ravens, finches and sparrows from feeding on blueberries, stone and pome fruit, cereal grains and sunflowers. It discourages geese from feeding on turf and emerging plants, pigeons from drinking and bathing in non-fish bearing bodies of water, pigeons, swallows, sparrows and wood peckers from roosting and nesting on or in structures.

Begin applications when crop begins to ripen or birds begin feeding. This product is more effective when applied in cool temperatures during early morning or late afternoon hours. Apply every 6 to 8 days or when odor cannot be detected. Repeat as necessary to maintain repellency. Harvest 6 to 8 days after last treatment or after all odor or taste of the product has dissipated (whichever occurs last). Do not apply this product to wet surfaces.

By ground (mechanical and hand powered sprayers). Tank mix = Mix 1 part concentrate with 99 parts water. See crop group application rates.

By air (fixed wing and rotary aircraft). Tank mix = Mix 1 part concentrate with 39 parts water (1 pt./5 gal). See crop group application rates and restrictions.

**California Restrictions**

Mixer/handlers and air blast applicators must wear coveralls over normal work clothes and not prepare spray solutions using more than 50 gallons of concentrate per day. Harvesters must wear gloves and long sleeved shirts.

**New York Restrictions**

Aerial application prohibited. This product is not to be used on grapes within Suffolk County. This product may only be used on non-fish bearing bodies of water and

temporary pools of standing water on paved areas or construction sites at or near airports.

### Application Rates

**All States (except California)**

**California Only**

Crop Group	Application Rates of concentrate	Application Instructions All States	Approved Crop	Application Rates of concentrate
Pome Fruit (such as pears and apples), Stone Fruit (such as cherries, apricots, peaches, and plums), Cereal Grains (such as rice, wild rice, sweet corn** and popping corn, millet, sorghum, oats, barley, and wheat).	1 pt./ac by air (0.28 lbs. ai)  1/2 to 2.5 gal./ac. by ground (5.73 lbs. ai).	Follow ground or air application instructions. May be mixed with insecticides.  <u>Rice seed</u> : Spray soaked seed with 25% solution of repellent concentrate. <u>Do not soak seed in the repellent</u> . Broadcast treated seed in flooded fields. Do not apply to bare soil. Keep water in fields until seed has sprouted.  Apply to emerging crops after germination and before third leaf stage or depredation has stopped.  **Begin applications 10 days before anticipated harvest or when birds begin feeding on crop. Repeat at 4 to 5 day intervals or as necessary to maintain repellency. May be mixed with insecticides.	Apples  Cherries  Wild Rice (mechanically harvested only)  Corn** (sweet and popping)	1/2 gal (1.15 lbs. ai)/ac.  1/2 to not more than 1 gal/ac (1.15 to 2.29 lbs. ai)  1 pt (0.28 lbs. ai)/ac by air. (Do not exceed 2 qt (1.15 lbs. ai)/ac/year)  1 pt (0.28 lbs. ai)/ac. By air
Sunflowers	1 pt./ac (0.28 lbs. ai)	Follow ground or air application instructions. Replant 7 days after harvest.	Sunflowers	1 pt./ac (0.28 lbs. ai) By air
Blueberries	1/2 to 1 gal/ac (1.15 to 2.29 lbs./ac)	Follow ground or air application instructions.	Blueberries	1/2 to not more than 1 gal/ac (1.15 to 2.29 lbs. ai)
Table Grapes*	1/2 to 1 gal/ac (1.15 to 2.29 lbs./ac)	Follow ground or air application instructions. * See New York Restrictions	Table Grapes	1/2 gal (1.15 lbs. ai)/ac
Turf	1 to 2 gal (2.29 to 4.58 lbs.ai)/acre by commercial or backpack sprayer or hand held hose or pressurized	Follow ground instructions. Reapply at 7 to 14 day intervals, or after each mowing, to maintain repellency.	Turf	1 to 2 gal (2.29 to 4.58 lbs.ai)/acre by commercial or backpack sprayer or hand held hose or pressurized applicator
Newly planted and sown seedlings, sprouting vegetation and overwintering crop regrowth (eg. Established seed field and pastures)	1 pt./ac by air (0.28 lbs. ai)  1/2 to 2.5 gal./ac. by ground (5.73 lbs. ai).	Follow ground or air application instructions. Apply directly to foliage at 1 <sup>st</sup> to 3 <sup>rd</sup> leaf stage or when leaves are 1 to 3 inches long. Begin applications before birds begin feeding on the crop. Do not apply to seed or bare soil before plants emerge.	Newly planted and sown seedlings, sprouting vegetation and overwintering crop regrowth (eg. Established seed field and pastures)	1 pt./ac by air (0.28 lbs.ai)  1/2 to 2.5 gal./ac. by ground (5.73 lbs. ai).
Ornamental	3.8 oz/gal	Follow ground or air application instructions. Apply to foliage in morning or late afternoon. Reapply as necessary to maintain repellency. Allow to dry before watering.	Ornamental	3.8 oz/gal
Structures	1 part concentrate in 1 part water With hand sprayer	Apply to nests before eggs or young are present. Animal feed facilities (barns); remove animals and cover feed before application. Apply after birds have roosted or nested after dark for three consecutive nights. May be applied to cloth and placed in rafters for long-term control.	Structures	1 part concentrate in 1 part water With hand sprayer
Non-fish bearing bodies of water, temporary pools and decorative fountains.	1 to 2 parts of concentrate to 400 parts of water 2. to 4 gal concentrate/750 gal water (0.25% to 0.50%)	Mix concentrate with water before adding to pool. Reapply at 3-4 week intervals if necessary to maintain repellency. (see NY restrictions)	Non-fish bearing bodies of water, temporary pools and decorative fountains.	1 to 2 parts of concentrate to 400 parts of water 2. to 4 gal concentrate/750 gal water (0.25% to 0.50%)

**STORAGE AND DISPOSAL**

**Do not contaminate water, food or feed by storage or disposal**

**PESTICIDE STORAGE:** Store only in original container apart from pesticides, fertilizers, food or feed that may cause cross-contamination from odor and inaccessible to children. Avoid freezing or placing containers in direct sunlight. If frozen thaw and remix contents. Keep tightly closed when not in use.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at a waste disposal facility by exposing to direct sunlight until all odor or the product has dissipated or in accordance with Federal or State procedures.

**CONTAINER HANDLING: Refillable container.** Refill this container with pesticide only. Do not reuse this container for any other purpose.

Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available, or puncture and dispose in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned stay out of the smoke.

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer or Warranties and Limitation of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be carefully followed. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of application or use, all of which are beyond the control of Bird Shield Repellent Corporation. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BIRD SHIELD REPELLENT CORPORATION MAKES NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, OR MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. NO AGENT OF BIRD SHIELD REPELLENT CORPORATION IS AUTHORIZED TO MAKE ANY WARRANTIES BEYOND THOSE

8/17

CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BIRD SHIELD REPELLENT CORPORATION DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

**LIMITATIONS OF LIABILITY:** TO THE ENTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF HIS PRODUCT, WHETHER IN CONTACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID OR AT BIRD SHIELD REPELLENT CORPORATION'S ELECTION, THE REPLACEMENT OF THE PRODUCT.

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# Commercial Label FRONT PANEL

## Bird Shield<sup>®</sup>

### Repellent Concentrate

For Commercial Use on Turf, Ornamentals, Commercial Buildings, Public Parks, Playgrounds, Non-fish Bearing Bodies of Water, and Airports.

<u>Active ingredient</u>	<u>By Wt.</u>
Methyl anthranilate	26.4%
Other ingredients	73.6%
<b>Total</b>	<b>100.0%</b>

This product contains 2.29 lbs. of active ingredient per gallon.  
This concentrate has been formulated from food grade ingredients.

#### KEEP OUT OF REACH OF CHILDREN

#### WARNING AVISO

*Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle*

(If you do not understand the label, find someone to explain it to you in detail).

#### FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything to an unconscious person.

**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center for further treatment advice.

For emergency information on (product, use, etc.), call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222. Have the product container or label with you when calling a poison control center, doctor, or going for treatment.

#### SEE REAR PANEL FOR ADDITIONAL PRECATIONARY STATEMENTS

Bird Shield Repellent Corporation  
P.O. Box 785  
Pullman, Washington 99163-0785  
www.birdshield.com

EPA REG. No. 66550-1  
EPA EST. No. 44616-MO-001  
U.S. Pat. No.5,296,226  
Other patents pending 12.12.12

Net contents One U.S. Gallon (3.78 liters) 128 fl. oz.

### DO NOT FREEZE

## REAR AND SIDE PANELS

### PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals WARNING

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Harmful if swallowed. Harmful is absorbed through skin. Avoid contact with skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using of tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

### PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear protective eyewear, long sleeved shirt and long pants, shoes and socks, and chemical-resistant gloves during mixing, loading and application. In California, pesticide handlers (mixers, loaders, applicators) must also wear coveralls over normal work clothes and not prepare spray solutions using more than 50 gallons of concentrate per day. Persons occupying an enclosed cockpit may substitute work clothing (i.e., long sleeved shirt, long pants, shoes and socks) for labeling-specified personal protective equipment.

### ENVIRONMENTAL HAZARDS

**For terrestrial uses:** Do not apply directly to fish-bearing bodies of water, to areas where surface water may contaminate streams or lakes or to intertidal areas below the mean high water mark.  
Do not contaminate water when disposing of equipment wash water or rinsate.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers and restricted-entry interval. The requirements in this box apply to uses of this product that are covered by the WPS.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. For early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil or water, wear long sleeved shirt and long pants, socks and shoes, gloves and protective eyewear. Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements on this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. Do not enter or allow other people or pets to enter the treated area until spray has dried.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

**Preparation and Mixing Instructions.** If frozen or solidified warm to 75<sup>0</sup> F. If separated, mix liquid concentrate until ingredients are evenly distributed before adding to water and using the repellent. Do not add stickers, spreaders or surfactants to tank mix. This product may be mixed with EPA approved *bacillus thuringensis*, insecticides, fungicides and herbicides. Check for compatibility and refer to individual product labels prior to use. Observe the most labeling limitations and precautions of all products used in mixtures.

**Compatibility.** Incompatible with styrene and some plastic products, paints and finishes. To prevent formulation separation in high calcium content (hard) water that might cause filters, screens and nozzles to clog precondition with a sequestering agent such as EDTA, or a similar product, by adding it to the mixing water agent 10 to 15 minutes before adding repellent. If product is to be mixed with other pesticides, compatibility testing prior to mixing will avoid potential application problems. Test compatibility in a small container by combining all ingredients in the same ratio as the anticipated use. Apply a small amount to the area to be protected from the birds. If any indications of physical incompatibility develop, such as coagulation in the container, browning or burning of the vegetation, or discoloration of the surface, do not use this mixture. Indications of incompatibility usually will appear within 5 to 20 minutes after mixing and application.

**APPLICATION INSTRUCTIONS**

This product is used to limit birds such as robins, black birds, starlings, cedar waxwings, jays, magpies, ravens, finches and sparrows from feeding on ornamentals. It discourages geese from feeding on turf and newly planted or sown seedlings, sprouting vegetation, and overwintering crop regrowth; pigeons from drinking and bathing in non-fish bearing bodies of water as well as pigeons, swallows, sparrows and wood peckers from roosting and nesting on or in structures.

Begin use when birds begin to congregate. This product is more effective when applied in cool temperatures during early morning or late afternoon hours. Apply every 6 to 8 days or when odor cannot be detected. Repeat as necessary to maintain repellency. Do not apply this product to wet surfaces.

By ground (mechanical and hand powered sprayers). Tank mix = Mix 1 part concentrate with 99 parts water. See crop group application rates.

By air (fixed wing and rotary aircraft). Tank mix = Mix 1 part concentrate with 39 parts water (1 pt./5 gal). See crop group application rates and restrictions.

12/17

**California Restrictions**

Mixer/handlers and air blast applicators must wear coveralls over normal work clothes and not prepare spray solutions using more than 50 gallons of concentrate per day. Harvesters must wear gloves and long sleeved shirts.

**New York Restrictions**

Aerial application prohibited. This product is not to be used on grapes within Suffolk County. This product may only be used on non-fish bearing bodies of water and temporary pools of standing water on paved areas or construction sites at or near airports.

**Application Rates**

Use	Application Rates of concentrate	Application Instructions All States
Turf	1 to 2 gal (2.29 to 4.58 lbs.ai)/acre by commercial or backpack sprayer or hand held hose or pressurized	Follow ground instructions. Reapply at 7 to 14 day intervals, or after each mowing, to maintain repellency.
Newly planted and sown seedlings, sprouting vegetation and overwintering crop regrowth (eg. Established seed field and pastures)	1 pt./ac by air (0.28 lbs.ai)  1/2 to 2 gal/ac. by ground (4.58 lbs. ai).	Follow ground or air application instructions. Apply directly to foliage at 1 <sup>st</sup> to 3 <sup>rd</sup> leaf stage or, when leaves are 1 to 3 inches long. Begin applications before birds begin feeding on the crop. Do not apply to seed or bare soil before plants emerge.
Ornamental	3.8 oz/gal	Follow ground or air application instructions. Apply to foliage in morning or late afternoon. Reapply as necessary to maintain repellency. Allow to dry before watering.
Structures	1 part concentrate in 1 part water With hand sprayer	Apply to nests before eggs or young are present. Animal feed facilities (barns); remove animals and cover feed before application. Apply after birds have roosted or nested after dark for three consecutive nights. May be applied to cloth and placed in rafters for long-term control.
Non-fish bearing bodies of water, temporary pools and decorative fountains.	1 to 2 parts of concentrate to 400 parts of water 2. to 4 gal concentrate/750 gal water (0.25% to 0.50%)	Mix concentrate with water before adding to pool. Reapply at 3-4 week intervals if necessary to maintain repellency. (see NY restrictions)

**STORAGE AND DISPOSAL**

**Do not contaminate water, food or feed by storage or disposal**

**PESTICIDE STORAGE:** Store only in original container apart from pesticides, fertilizers, food or feed that may cause cross-contamination from odor and inaccessible to children. Avoid freezing or placing containers in direct sunlight. If frozen thaw and remix contents. Keep tightly closed when not in use.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at a waste disposal facility by exposing to direct sunlight until all odor or the product has dissipated or in accordance with Federal or State procedures.

**CONTAINER HANDLING:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available, or puncture and dispose in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned stay out of the smoke.

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**IMPORTANT: READ BEFORE USE**

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**CONDITIONS:** The directions for use of this product are believed to be adequate and must be carefully followed. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of application or use, all of which are beyond the control of Bird Shield Repellent Corporation. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BIRD SHIELD REPELLENT CORPORATION MAKES NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, OR MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. NO AGENT OF BIRD SHIELD REPELLENT CORPORATION IS AUTHORIZED TO MAKE ANY WARRANTIES BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BIRD SHIELD REPELLENT CORPORATION DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

**LIMITATIONS OF LIABILITY:** TO THE ENTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF HIS PRODUCT, WHETHER IN CONTACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID OR AT BIRD SHIELD REPELLENT CORPORATION'S ELECTION, THE REPLACEMENT OF THE PRODUCT.

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# Residential Label FRONT PANEL

## Bird Shield®

### Repellent Concentrate

For Use on, Pome and Stone Fruit, Blueberries, Table Grapes, Turf, Ornaments, and Structures.

<b>Active ingredient</b>	<b>By Wt.</b>
Methyl anthranilate	26.4%
Other ingredients	73.6%
<b>Total</b>	<b>100.0%</b>

This product contains 2.29 lbs. of active ingredient per gallon.  
This concentrate has been formulated from food grade ingredients.

#### KEEP OUT OF REACH OF CHILDREN

#### WARNING AVISO

*Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle*

(If you do not understand the label, find someone to explain it to you in detail).

#### FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything to an unconscious person.

**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center for further treatment advice.

For emergency information on (product, use, etc.), call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222. Have the product container or label with you when calling a poison control center, doctor, or going for treatment.

#### SEE REAR PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Bird Shield Repellent Corporation  
P.O. Box 785  
Pullman, Washington 99163-0785  
www.birdshield.com

EPA REG. No. 66550-1  
EPA EST. No. 44616-MO-001  
U.S. Pat. No. 5,296,226  
Other patents pending 12.12.12

Net contents One U.S. Gallon (3.78 liters) 128 fl. oz.

**DO NOT FREEZE**

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## REAR AND SIDE PANELS

### PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Harmful if swallowed. Harmful is absorbed through skin. Avoid contact with skin. Users must wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or use of tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

### ENVIRONMENTAL HAZARDS

To protect the local environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

**Preparation and Mixing Instructions.** If frozen or solidified warm to 75<sup>0</sup> F. If separated mix liquid concentrate until ingredients are evenly distributed before adding to water and using. Do not add stickers, spreaders or surfactants to tank mix. This product may be mixed with EPA approved *bacillus thuringensis*, insecticides, fungicides and herbicides. Check for compatibility and refer to individual product labels prior to use. Observe the most label ling limitations and precautions of all products used in mixtures.

**Compatibility.** Incompatible with styrene and some plastic products, paints and finishes. To prevent formulation separation in high calcium content (hard) water that might cause filters, screens and nozzles to clog precondition with a sequestering agent such as EDTA, or a similar product, by adding it to the mixing water agent 10 to 15 minutes before adding repellent. If product is to be mixed with other pesticides, compatibility testing prior to mixing will avoid potential application problems. Test compatibility in a small container by combining all ingredients in the same ratio as the anticipated use. Apply a small amount to the area to be protected from the birds. If any indications of physical incompatibility develop, such as coagulation in the container, browning or burning of the vegetation, or discoloration of the surface, do not use this mixture. Indications of incompatibility usually will appear within 5 to 20 minutes after mixing and application.

### APPLICATION INSTRUCTIONS

This product is used to limit birds such as robins, black birds starlings, cedar waxwings, jays, magpies, ravens, finches and sparrows from feeding on blueberries, stone and pome fruit. It discourages geese from feeding on turf, pigeons, swallows, sparrows and wood peckers from roosting and nesting on or in structures.

Begin use when crop begins to ripen or birds begin feeding. This product is more effective when applied in cool temperatures during early morning or late afternoon hours. Apply when odor or taste cannot be detected. Repeat as necessary to maintain repellency. Harvest after all odor or taste of the product has dissipated (whichever occurs last). Do not apply this product to wet surfaces.

Hand sprayers. Tank mix = Mix 1 part concentrate with 99 parts water. See crop group application rates.

### New York Restrictions

This product is not to be used on grapes within Suffolk County.

### Application Rates

#### All States (except California)

#### California Only

Crop Group	Application Rates of concentrate	Application Instructions All States	Approved Crop	Application Rates of concentrate
<u>Pome Fruit</u> (such as pears and apples), <u>Stone Fruit</u> (such as cherries, apricots, peaches, and plums ),	1 pt. to 2.5 gal/ac. (0.28 to 5.73 lbs. ai/ac).	May be mixed with insecticides. Apply at 6 to 8 day intervals.	Apples  Cherries	½ gal to not more than 1 gal/ac (1.15 to 2.29 lbs. ai)
Blueberries	½ to 1 gal/ac (1.15 to 2.29 lbs./ac)	Repeat when odor or taste cannot be detected	Blueberries	½ to not more than 1 gal/ac (1.15 to 2.29 lbs. ai)
Table Grapes*	½ to 1 gal/ac (1.15 to 2.29 lbs./ac)	* See New York Restrictions	Table Grapes	½ gal (1.15 lbs. ai)/ac
Turf	1 to 2 gal (2.29 to 4.58 lbs.ai)/acre by commercial or backpack sprayer or hand held hose or pressurized	Reapply at 7 to 14 day intervals, or after each mowing, to maintain repellency.	Turf	1 to 2 gal (2.29 to 4.58 lbs.ai)/acre by commercial or backpack sprayer or hand held hose or pressurized
Ornamental	3.8 oz/gal	Apply to foliage in morning or late afternoon. Reapply as necessary to maintain repellency. Allow to dry before watering.	Ornamental	3.8 oz/gal
Structures	1 part concentrate in 1 part water With hand sprayer	Apply to nests before eggs or young are present. Animal feed facilities (barns); remove animals and cover feed before application. Apply after birds have roosted or nested after dark for three consecutive nights.	Structures	1 part concentrate in 1 part water With hand sprayer

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage and disposal.

**Pesticide Storage:** Store only in original container apart from pesticides, fertilizers, food or feed that may cause cross-contamination from odor and inaccessible to children. Avoid freezing or placing containers in direct sunlight. If frozen thaw and remix contents. Keep tightly closed when not in use.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at a waste disposal facility by exposing to direct sunlight until all odor or the product has dissipated or in accordance with Federal or State procedures.

**Container Handling: Refillable container.** Refill this container with pesticide only. Do not reuse this container for any other purpose. If empty: Place in trash or offer for recycling if available. If partially filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

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