

66550-1

6/17/2013

1/22



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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 17, 2013

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

Subject: Notification: Label revised to reflect spelling, grammar and punctuation changes noted by the California Department of Pesticide Registration and Bird Shield Repellent Corporation. Changes also contain format changes to clarify application rates and concentrations for specific commodities per PR Notice 98-10.

Product Brand Name: **Bird Shield Repellent Concentrate.**
EPA Registration Number: **66550-1.**
Your Submission dated, **May 1, 2013.**

Dear Mr. Askham:

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticide Registration Notice (PRN) 98-10 dated above. A screen of this request has been conducted for its applicability under PRN 98-10, and it has been determined that the actions requested fall within the scope of this Notice. Our records have been duly noted, and the label submitted with this application has been stamped "Notification Accepted" and will be placed accordingly in our records.

Three (3) copies of the final printed labeling must be submitted to the Agency before your product as modified, may be sold or distributed [PR Notice 82-2 and 40 CFR 156.10(a) (6)].

If you have any questions regarding this action, you may contact Mr. Sylvester George at (703) 603 - 0688 or via e-mail at george.sylvester@epa.gov.

Sincerely,

Linda A. Hollis

Linda A. Hollis, Chief
Biochemical Pesticide Branch
Biopesticides and Pollution
Prevention Division (7511P)



United States
Environmental Protection Agency
 Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 66550-1	2. EPA Product Manager Linda Hollis, oppm	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Bird Shield Repellent Corporation	PM# 7511P	
5. Name and Address of Applicant (Include ZIP Code) P.O. Box 785 Pullman, WQ 99163 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 66550-1 Product Name Bird Shield Repellent Concentrate	

Section - II

Notification Accepted

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated <u>June 17, 2013</u>
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below. Reviewer: <u>Sylvester George</u>

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Spelling, grammar, and punctuation changes to master and final printed label.
 Submission master label with revisions and final printed labels.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Metal <input checked="" type="checkbox"/> Plastic Glass Paper Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1 & 2-1/2 gal		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Leonard R. Askham, Ph.D	Title Chief Executive Officer	Telephone No. (Include Area Code) 509.339.5740
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Chief Executive Officer	
4. Typed Name Leonard R. Askham	5. Date 5.1.13	

BIRD SHIELD®

REPELLENT CORPORATION

May 1, 2013

Linda Hollis, Chief
Biochemical Pesticides Branch
Biochemical and Pollution Prevention Division (BPPD)
Mail Code 7511
Office of Pesticide Programs
U. S. Environmental Protection Agency
One Potomac Yard
222 S. Crystal Drive
Arlington, VA 22202

Attn: Colin Walsh
Reference – EPA Reg. No. 66550-1
Notification – label changes.

Dear Ms. Hollis:

Please find:

- 1. Application for pesticide – notification
- 2. Master Label
- 3. Six final printers labels.

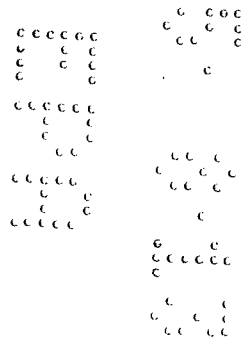
These documents were revised to reflect spelling, grammar and punctuation changes noted by the California Department of Pesticide Registration, as well as ourselves, after the label was approved January 29, 2013. They also contain format changes suggested by CDPA to clarify application rates and concentrations for specific commodities.

Please contact us if you have any questions, comments or suggestions.

Sincerely:



Leonard R. Askham
CEO



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%
Total	100.0%

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

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%
Total	100.0%

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

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

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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 if 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, 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 75⁰ 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 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 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. (0.28 lbs.ai)/ac. by air	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. **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. Harvest 5 days after last application. May be mixed with insecticides.	Apples	½ gal. (1.15 lbs. ai)/ac. Begin application 15 days prior to harvest or when birds begin feeding.
	1/2 to 2.5 gal. (1.145 to 5.73 lbs. ai)/ac. by ground		Cherries	½ to not more than 1 gal. (1.15 to 2.29 lbs. ai)/ac. by air. Reapply at 7 day intervals as needed until harvest. Harvest 30 days after last application.(Do not exceed 2 qt. (1.15 lbs. ai)/ac/year)
			Wild Rice (mechanically harvested only)	
Sunflowers	1 pt. (0.28 lbs. ai)/ac.	Follow ground or air application instructions. Replant 7 days after harvest. Replant 22 days after last application.	Corn** (sweet and popping)	1 pt. (0.28 lbs. ai)/ac. By air.
Blueberries	½ to 1 gal. (1.15 to 2.29 lbs.ai)/ac.	Follow ground or air application instructions.	Sunflowers	1 pt. (0.28 lbs. ai)/ac. by air.
Table Grapes*	½ to 1 gal.(1.15 to 2.29 lbs.ai)/ac.	Follow ground or air application instructions. By ground -Apply with commercial or backpack sprayer, hand held hose or pressurized applicator * See New York Restrictions	Blueberries	½ to not more than 1 gal. (1.15 to 2.29 lbs. ai)/ac.
Turf	1 to 2 gal. (2.29 to 4.58 lbs.ai)/ac.	Follow ground instructions. Apply with commercial or backpack sprayer, hand held hose or pressurized applicator. Reapply at 7 to 14 day intervals, or after each mowing, to maintain repellency.	Table Grapes	½ gal. (1.15 lbs. ai)/ac.
Newly planted and sown seedlings, sprouting vegetation and overwintering crop regrowth (eg. Established seed fields and pastures)	1 pt. (0.28 lbs.ai)/ac. by air 1/2 to 2.5 gal. (5.73 lbs. ai)/ac. by ground.	Follow ground or air application instructions. Apply directly to foliage at 1 st to 3 rd 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.	Turf	1 to 2 gal. (2.29 to 4.58 lbs.ai)/ac.
Ornamental	3.8 oz (0.0537 lbs. ai)/gal. With hand sprayer	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.	Newly planted and sown seedlings, sprouting vegetation and overwintering crop regrowth (eg. established seed field and pastures)	1 pt. (0.28 lbs.ai)/ac by air 1/2 to 2.5 gal. (5.73 lbs. ai)/ac. by ground.
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.	Ornamental	3.8 cz. (0.0553 lbs. ai)/gal. 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)	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%)

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.

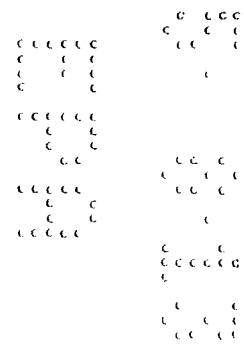
By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitation of Liability.

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

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 EXTENT 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 THIS PRODUCT, WHETHER IN CONTRACT, 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.



Commercial Label FRONT PANEL

Bird Shield®

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%
Total	100.0%

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

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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.

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NON-AGRICULTURAL USE REQUIREMENTS

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DIRECTIONS FOR USE

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Preparation and Mixing Instructions. If frozen or solidified warm to 75° 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 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 sewn 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.

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 sprayer	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 st to 3 rd 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.

15/22

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 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 EXNTENT 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 THIS PRODUCT, WHETHER IN CONRTRACT, 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.

16/22

Residential Label FRONT PANEL

Bird Shield®

Repellent Concentrate

For Use on, 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%
Total	100.0%

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

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° 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 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 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
Pome Fruit (such as pears and apples), Stone Fruit (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 sprayer	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.

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 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 EXTENT 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 THIS PRODUCT, WHETHER IN CONTRACT, 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.

20/22



Repellent Concentrate

For Agricultural Use

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

Active ingredient	By Wt.	EPA Reg. No.
Methyl anthranilate	26.4%	66550-1
Other ingredients	73.6%	EPA Est/ No. _____
	Total	U.S. Pat. No. 5,296,226
	100.0%	Others patents pending 3.13

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 BOTTLE LABEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

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 if absorbed through skin. Avoid contact with skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, use 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.

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

www.birdshield.com

Net contents 2-1/2 U.S. Gallon (9.5 liters) 320 fl. oz.

DO NOT FREEZE

Notification Accepted

Date: June 17, 2013

Reviewer: Sylvester George

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.

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° 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 thuringiensis*, insecticides, fungicides and herbicides. Check for compatibility and refer to individual product labels prior to use. Observe the 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 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.

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 (0.28 lbs.ai)/ac by air 1/2 to 2.5 gal (1.145 to 5.73 lbs. ai)/ac. by ground	Follow ground or air application instructions. May be mixed with insecticides. Rice seed: Spray soaked seed with 25% solution of repellent concentrate. Do not soak seed in the repellent. Broadcast treated seed in flooded fields. Do not apply to bare soil. Keep water in fields until seed has sprouted. **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. Harvest 5 days after last application. May be mixed with insecticides.	Apples	1/2 gal (1.15 lbs. ai)/ac. Begin application 15 days prior to harvest or when bird begin feeding.
			Cherries	1/2 to not more than 1 gal (1.15 to 2.29 lbs. ai)
Sunflowers	1 pt.(0.28 lbs. ai)/ac by air	Follow ground or air application instructions. Replant 7 days after harvest.	Wild Rice (mechanically harvested only)	1 pt (0.28 lbs. ai)/ac by air. Reapply at 7 day intervals as needed until harvest. Harvest 30 days after last application. (Do not exceed 2 qt (1.15 lbs. ai)/ac/year)
			Corn** (sweet and popping)	1 pt (0.28 lbs. ai)/ac. By air
Blueberries	1/2 to 1 gal (1.15 to 2.29 lbs.ai)/ac	Follow ground or air application instructions.	Blueberries	1/2 to not more than 1 gal (1.15 to 2.29 lbs. ai)/ac/
Table Grapes*	1/2 to 1 gal(1.15 to 2.29 lbs.ai)/ac	Follow ground or air application instructions. By ground -Apply with commercial or backpack sprayer, hand held hose or pressurized applicator * 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)/ac	Follow ground instructions. Apply with commercial or backpack sprayer, hand held hose or pressurized applicator 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
Newly planted and sown seedlings, sprouting vegetation and overwintering crop regrowth (eg. Established seed fields and pastures)	1 pt./ac (0.28 lbs.ai)/ac. by air. 1/2 to 2.5 gal (5.73 lbs. ai)/ac. by ground.	Follow ground or air application instructions. Apply directly to foliage at 1 st to 3 rd 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 (5.73 lbs. ai)/ac. by ground.
Ornamental	3.8 oz (0.0537 lbs. ai)/gal With hand sprayer	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 (0.068 lbs. ai)/gal With hand sprayer
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.

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