

66550-1

05-12-2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 12 2010

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

Subject: Bird Shield ® Bird Repellent Concentrate
EPA Registration No. 66550-1
Label Amendment to restructure the label with a Master and three Sub-Labels, update Storage and Disposal, Precautionary and Environmental Hazards Statements and update the crop grouping section.
Decision # 421843
Application Dated: February 05, 2010

Dear Mr. Askham:

The amendment referred to above, submitted in connection with registration under 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 three (3) 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(b). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

If you have any questions contact Ms. Menyon Adams at 703-347-8496 or by email at: adams.menyon@epa.gov. A stamped copy of the label is enclosed for your records.

Sincerely,

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

CONCURRENCES

SYMBOL	7511P	7511P						
SURNAME	Adams	CALE						
DATE	4/22/10	4/22/10						

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Master Label FRONT PANEL

Bird Shield®

Repellent

Sublabel A- Agricultural use: (Blueberries, Pome and Stone Fruits, Cereal Grains, Sunflowers, Table Grapes and Turf)
Sublabel B -Commercial use: (Turf, ornamentals, commercial buildings, public parks, playgrounds, non-fish bearing bodies of water, and airports).

Sublabel C - Residential use: Outdoor residential structures, decorative non-fish bearing bodies of water and fountains, turf, ornamentals, pome, stone fruit and table grapes.

ACCEPTED

MAY 12 2010

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

Active ingredient

Methyl anthranilate

Other ingredients

Total

By Wt.

26.4%

73.6%

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 by mouth 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 information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.

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

EPA EST. No. 44616-MO-001
EPA REG. No. 66550-1
U.S. Pat. No.5,296,226
Other patents pending 11.18.9

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

REAR AND SIDE PANELS

PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

WARNING: May be fatal if swallowed, inhaled or absorbed through skin. Cause substantial but temporary eye injury. Causes skin irritation. Avoid skin, eyes or clothing. Wear appropriate Personal Protective Equipment. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated 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.

ENVIRONMENTAL HAZARDS Agricultural and Commercial

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.

Residential

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.

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. Do not add adjuvants, 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.

Compatibility. Incompatible with styrene and some plastic products, paints and finishes. 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 from feeding on blueberries, stone and pome fruit, cereal grains and sunflowers. It discourages birds from feeding on turf and emerging plants, drinking and bathing in non-fish bearing bodies of water, 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 can not 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.

Agricultural and hand sprayer. Tank mix = Mix 1 part concentrate with 99 parts water. See crop application rates.
Aerial. Tank mix = Mix 1 part concentrate with 39 parts water (1 pt./5 gal). See crop application rates and restrictions.

Application Rates (All States Except California)

Crop Group	Application Rate	Application Instructions See California and New York restrictions.
<p>Pome Fruit (such as pears and apples), <u>Stone Fruit</u> (such as cherries, apricots, peaches, and plums*), <u>Cereal Grains</u> (such as rice, wild rice, sweet corn** and popping corn, millet, sorghum, oats, barley, and wheat).</p> <p><u>In California only the flowing crops:</u> Blueberries & cherries, table grapes, corn, wild rice, sunflowers and apples.*</p>	<p>1 pt. to 2.5 gal/ac. (0.28 to 5.73 lbs. ai/ac).</p> <p>* See California Restrictions</p>	<p>Follow agricultural, hand sprayer, or aerial application guidelines depending on crop type.</p> <p><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.</p> <p>** Repeat at 4 to 5 day intervals. Harvest 5 days after last application. May be mixed with insecticides.</p> <p>. May be mixed with insecticides.</p>
Sunflowers	1 pt./ac (0.28 lbs. ai)	Follow aerial application guidelines. . May be mixed with insecticides
Blueberries	½ to 1 gal/ac (1.15 to 2.29 lbs./ac)	Follow agricultural, hand sprayer, or aerial application guidelines.
Table Grapes*	½ to 1 gal/ac (1.15 to 2.29 lbs./ac)	Follow agricultural, or hand sprayer application guidelines * See New York Restrictions
Turf	1 to 2 gal/ac. (2.29 – 4.58 lbs ai/ac)	See agricultural and hand sprayer application instructions. Reapply at 7 to 14 day intervals, or after each mowing, to maintain repellency.
Ornamental	3.8 oz/gal	See hand sprayer application instructions. Apply to foliage in morning or late afternoon. Allow to dry before watering.
Structures	1 part concentrate in 1 part water	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.	2% to 5% (2.6 to 6.4 oz/gal)	Mix concentrate with water before adding to pool. Reapply at 3-4 week intervals if necessary to maintain repellency. (see NY 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.

**CALIFORNIA APPLICATION DIRECTIONS
FOOD USE**

Crop	Application Rate	Application Instructions Follow agricultural, hand sprayer, or aerial application instructions depending on crop type.
<u>Apples</u> <u>Corn (sweet and popping) *</u> <u>Wild Rice (mechanically harvested only)</u>	0.5 gal (1.15 lbs. ai)/ac. 1 pt (0.28 lbs. ai)/ac. 1 pt (0.28 lbs. ai)/ac (Do not exceed 2 qt (1.15 lbs. ai)/ac/year)	<u>Agricultural and hand sprayer.</u> Mix 1 part concentrate with 99 parts water. <u>Aerial.</u> Tank mix = Mix 1 part concentrate with 39 parts water (1 pt./5 gal). * Repeat at 4 to 5 day intervals. Harvest 5 days after last application. May be mixed with insecticides.
<u>Sunflowers</u>	1 pt./ac (0.28 lbs. ai)	May be mixed with insecticides
<u>Blueberries and Cherries</u>	0.5 to not more than 1 gal/ac (1.15 to 2.29 lbs. ai)	<u>Agricultural and hand sprayer.</u> Mix 1 part concentrate with 99 parts water.
<u>Table Grapes</u>	0.5 gal (1.15 lbs. ai)/ac	<u>Agricultural and hand sprayer.</u> Mix 1 part concentrate with 99 parts water.

For all other uses in California see general instructions and application rates above

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.

STORAGE AND DISPOSAL

Agricultural and Commercial Use

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. **REPELLENT 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 DISPOSAL: 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.

STORAGE AND DISPOSAL

Residential Use

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 Nonrefillable container. Do not reuse or refill this container. 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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FRONT PANEL
Agricultural Label
Bird Shield[®]
Repellent

To control birds on Blueberries, Pome and Stone Fruits, Cereal Grains, Sunflowers, Table Grapes, Turf and Ornamentals

<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
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Other patents pending 3.15.10

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

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PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

WARNING: May be fatal if swallowed, inhaled or absorbed through skin. Cause substantial but temporary eye injury. Causes skin irritation. Avoid skin, eyes or clothing. Wear appropriate Personal Protective Equipment. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

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ENVIRONMENTAL HAZARDS Agricultural and Commercial

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

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Agricultural and hand sprayer. Tank mix = Mix 1 part concentrate with 99 parts water. See crop application rates.

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Table Grapes*	½ to 1 gal/ac (1.15 to 2.29 lbs./ac)	Follow agricultural, or hand sprayer application guidelines * See New York Restrictions
Turf	1 to 2 gal/ac. (2.29 – 4.58 lbs ai/ac)	See agricultural and hand sprayer application instructions. Reapply at 7 to 14 day intervals, or after each mowing, to maintain repellency.
Ornamental	3.8 oz/gal	See hand sprayer application instructions. Apply to foliage in morning or late afternoon. Allow to dry before watering.

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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. **REPELLENT 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.

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FRONT PANEL
Commercial Label
Bird Shield[®]
Repellent

To control birds in, on and around Turf, Ornamentals, Buildings, Public Parks and Playgrounds,
Non-fish Bearing Bodies of Water and Airports.

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

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ENVIRONMENTAL HAZARDS

Agricultural and Commercial

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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. Do not add adjuvants, 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.

Compatibility. Incompatible with styrene and some plastic products, paints and finishes. 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 from feeding on blueberries, stone and pome fruit, cereal grains and sunflowers. It discourages birds from feeding on turf and emerging plants, drinking and bathing in non-fish bearing bodies of water, 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 can not 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.

Agricultural and hand sprayer. Tank mix = Mix 1 part concentrate with 99 parts water. See crop application rates.

Aerial. Tank mix = Mix 1 part concentrate with 39 parts water (1 pt./5 gal). See crop application rates and restrictions.

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Application Rates

Turf	1 to 2 gal/ac. (2.29 – 4.58 lbs ai/ac)	See agricultural and hand sprayer application instructions. Reapply at 7 to 14 day intervals, or after each mowing, to maintain repellency.
Ornamental	3.8 oz/gal	See hand sprayer application instructions. Apply to foliage in morning or late afternoon. Allow to dry before watering.
Structures	1 part concentrate in 1 part water	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.	2% to 5% (2.6 to 6.4 oz/gal)	Mix concentrate with water before adding to pool. Reapply at 3-4 week intervals if necessary to maintain repellency. (see NY 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.

New York Restrictions

Aerial application prohibited.

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.

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. **REPELLENT 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 DISPOSAL: 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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FRONT PANEL
Residential Label
Bird Shield®
Repellent

To control birds in, on and around Turf, Ornamentals, Pome and Stone Fruits, Table Grapes, Sunflowers, Outdoor Residential Structures, Fountains, 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.

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 by mouth 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 information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.

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

EPA EST. No. 44616-MO-001
EPA REG. No. 66550-1
U.S. Pat. No.5,296,226
Other patents pending 3.15.10

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

REAR AND SIDE PANELS

PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

WARNING: May be fatal if swallowed, inhaled or absorbed through skin. Cause substantial but temporary eye injury. Causes skin irritation. Avoid skin, eyes or clothing. Wear appropriate Personal Protective Equipment. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated 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.

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. 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. Do not add adjuvants, 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.

Compatibility. Incompatible with styrene and some plastic products, paints and finishes. 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 from feeding on blueberries, stone and pome fruit, cereal grains and sunflowers turf and ornamentals. It discourages birds from feeding on turf and emerging plants, drinking and bathing in non-fish bearing bodies of water, 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

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cool temperatures during early morning or late afternoon hours. Apply every 6 to 8 days or when odor can not 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.

Hand sprayer. Mix 1 part concentrate with 99 parts water. See crop application rates.

Application Rates (All States Except California)

Crop Group	Application Rate	Application Instructions See California and New York restrictions.
<u>Pome Fruit</u> (such as pears and apples), <u>Stone Fruit</u> (such as cherries, apricots, peaches, and plums*), <u>Cereal Grains</u> (such as rice, wild rice, sweet corn** and popping corn, millet, sorghum, oats, barley, and wheat).	1 pt. to 2.5 gal/ac. (0.28 to 5.73 lbs. ai/ac). * See California Restrictions	Follow hand sprayer application guidelines depending on crop group. <u>Do not soak seed in the repellent.</u> Do not apply to bare soil. ** Repeat at 4 to 5 day intervals. Harvest 5 days after last application. May be mixed with insecticides. . May be mixed with insecticides.
Sunflowers	1 pt./ac (0.28 lbs. ai)	. May be mixed with insecticides
Blueberries	½ to 1 gal/ac (1.15 to 2.29 lbs./ac)	Follow hand sprayer, application guidelines.
Table Grapes*	½ to 1 gal/ac (1.15 to 2.29 lbs./ac)	Follow hand sprayer application guidelines * See New York Restrictions
Turf	1 to 2 gal/ac. (2.29 – 4.58 lbs ai/ac)	See hand sprayer application instructions. Reapply at 7 to 14 day intervals, or after each mowing, to maintain repellency.
Ornamental	3.8 oz/gal	See hand sprayer application instructions. Apply to foliage in morning or late afternoon. Allow to dry before watering.
Structures	1 part concentrate in 1 part water	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.	2% to 5% (2.6 to 6.4 oz/gal)	Mix concentrate with water before adding to pool. Reapply at 3-4 week intervals if necessary to maintain repellency. (see NY restrictions)

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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.

**CALIFORNIA APPLICATION RATES AND DIRECTIONS
FOOD USE**

Crop	Application Rate	Application Instructions Follow agricultural, hand sprayer, or aerial application instructions depending on crop type.
<u>Apples</u>	0.5 gal (1.15 lbs. ai)/ac.	<u>Hand sprayer.</u> Mix 1 part concentrate with 99 parts water.
<u>Corn (sweet and popping) *</u>	1 pt (0.28 lbs. ai)/ac.	* Repeat at 4 to 5 day intervals. Harvest 5 days after last application. May be mixed with insecticides.
<u>Sunflowers</u>	1 pt./ac (0.28 lbs. ai)	May be mixed with insecticides
<u>Blueberries and Cherries</u>	0.5 to not more than 1 gal/ac (1.15 to 2.29 lbs. ai)	<u>hand sprayer.</u> Mix 1 part concentrate with 99 parts water.
<u>Table Grapes</u>	0.5 gal (1.15 lbs. ai)/ac	<u>Agricultural and hand sprayer.</u> Mix 1 part concentrate with 99 parts water.

For all other uses in California see general instructions and application rates above

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.

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 Nonrefillable container. Do not reuse or refill this container. 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.