

72642-2

6/19/2014

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF  
CHEMICAL SAFETY  
AND POLLUTION PREVENTION

**VIA EMAIL**

Mr. Aaron Johnson  
Elanco Animal Health  
A division of Eli Lilly & Company  
2500 Innovation Way  
P.O. Box 708  
Greenfield, IN 46140

Subject: Label Amendment – Addition of Red Poultry Mites and Alter Directions for Use  
Product Name: Extinosad PSP  
Alternate Brand Name: Elector PSP Premise Insect Control Agent  
EPA Registration Number: 72642-2  
Submission Date: April 25, 2014  
Decision Number: 490747

Dear Mr. Johnson:

The label amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Products released for shipment after 18 months from the date on this notice or the next printing of the master label whichever occurs first, must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA. Amended labeling will supersede all previously accepted labels. Your release for shipment of this product constitutes acceptance of these conditions. As required by 40 CFR 156.10(a)(6), you must submit one copy of the final printed label before the product is released for shipment. If you have any

questions please contact Carlyn Petrella by phone at (703) 347-0439 or via email at "petrella.carlyn@epa.gov".

Sincerely,

A handwritten signature in black ink, appearing to read "Mark ES". The "M" is large and stylized, with the "ark" written in a cursive script. The "ES" is also written in a cursive, looped style.

Mark Suarez, Product Manager 13  
Insecticide Branch  
Office of Pesticide Programs  
Date: June 19, 2014

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Front Panel  
ELANCO\*

AH0495-\_\_\_

**ELECTOR® PSP PREMISE INSECT CONTROL AGENT LOGO\***

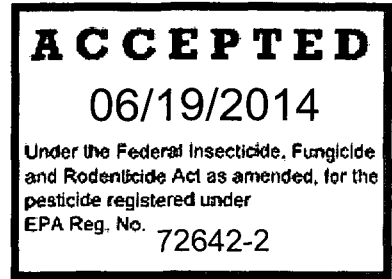
- Control of darkling beetles, hide beetles, house flies (adults and larvae), stable flies, little house flies (*Fannia canicularis*) in and around agricultural animal premises.
- Control of northern fowl mites (*Ornithonyssus sylviarum*) and poultry red mites (*Dermanyssus gallinae*) infesting poultry.

ACTIVE INGREDIENT

Spinosad (A mixture of spinosyn A and spinosyn D) .....	44.2%
OTHER INGREDIENTS.....	55.8%
TOTAL .....	100.0%

Keep Out of Reach of Children

**CAUTION**



Elanco Animal Health, A Division of Eli Lilly and Company  
Indianapolis, IN 46285  
www.elanco.com

To report adverse effects or obtain additional product information, call 1-800-428-4441

Net Contents: 8 oz (237 mL)

\*Elanco®, Elector® PSP Premise Insect Control Agent and the diagonal color bar are trademarks of Eli Lilly and Company.

(Label Booklet Cover-Back Panel)

ELANCO\* AH0495-\_\_\_

**ELECTOR® PSP PREMISE INSECT CONTROL AGENT LOGO\***

- Control of darkling beetles, hide beetles, house flies (adults and larvae), stable flies, little house flies (*Fannia canicularis*) in and around agricultural animal premises.
- Control of northern fowl mites (*Ornithonyssus sylviarum*) and poultry red mites (*Dermanyssus gallinae*) infesting poultry.

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**Environmental Hazards**

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This product is highly toxic to molluscs. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning or disposing of equipment washwaters. Apply this product only as specified on this label.

**Notice: Shake Well Before Use. Avoid Freezing. Read the entire label before using. Use only according to label directions. See Directions for Use including storage and disposal inside label booklet.**

EPA Reg. No. 72642-2  
EPA Est. No. 37429-GA-02

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**Peel Back Logo**

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(Label Booklet: Page 1 through end)

**ELECTOR® PSP PREMISE INSECT CONTROL AGENT LOGO\***

- Control of darkling beetles, hide beetles, house flies (adults and larvae), stable flies, little house flies (*Fannia canicularis*) in and around agricultural animal premises.
- Control of northern fowl mites (*Ornithonyssus sylviarum*) and poultry red mites (*Dermanyssus gallinae*) infesting poultry.

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**ENVIRONMENTAL HAZARDS**

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This product is highly toxic to molluscs. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning or disposing of equipment washwaters. Apply this product only as specified on this label.

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**DIRECTIONS FOR USE**

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It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

**Notice: Shake well before use. Avoid freezing.**

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**MIXING FOR APPLICATIONS THAT REQUIRE DILUTION**

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This product is intended to be mixed with water and applied as a coarse or low-pressure spray. Fill the tank of the sprayer with water to about 1/2 of the total spray volume required. Start agitation and add the required amount of product. Continue mixing and agitation while filling the spray tank to the required spray volume. Maintain sufficient agitation during the application to ensure uniformity of the spray. Prepare spray fresh for each use.

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**GENERAL NOTICE**

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- This product may be applied as a general surface spray or a crack and crevice application. Applications may be made in and around poultry and livestock premises, including but not limited to poultry houses, beef and dairy barns, feedlots, stables, corrals and housing structures.
- This product may be used as a direct treatment to control Northern Fowl mites infesting poultry.
- Control is enhanced when interior and exterior perimeter applications are made in and around livestock and poultry structures. Normal sanitation practices of the structure consistent with good animal husbandry should be followed to enhance effectiveness of insect control agents.
- Lactating and non-lactating dairy and beef cattle, swine, sheep and poultry may be present at the time of premise treatment. Horses not intended for human consumption may also be present at the time of premise treatment.
- Cover or remove exposed feed and water from the area being treated.
- Do not use in milking rooms.
- Do not apply as a fog or space spray.

## APPLICATIONS

TO CONTROL	APPLICATION
House flies (adults and larvae) Stable flies Little house flies	<ul style="list-style-type: none"> <li>• 2 fl. oz. (60 mL) Elector PSP in 10 gallons of water will treat 5,000 - 10,000 ft<sup>2</sup>. Use enough water in a directed spray to contact flies and their resting surfaces. Spray thoroughly, but do not allow run-off to occur.</li> </ul>
Darkling beetles Hide beetles	<ul style="list-style-type: none"> <li>• Use enough water to ensure thorough coverage of the area treated, especially litter, along feed and water lines, walls and support beams. Use a sprayer of appropriate design that is equipped to effectively apply low to moderate volumes of spray.               <ul style="list-style-type: none"> <li>○ Low volume spray: Up to 15 gallons of diluted spray applied to 20,000 ft<sup>2</sup>.</li> <li>○ Moderate volume spray: Up to 40 gallons of diluted spray applied to 20,000 ft<sup>2</sup>.</li> </ul> </li> <li>• 2 fl. oz. (60 mL) of product treats 5,000 ft<sup>2</sup> (8 fl. oz. of product treats 20,000 ft<sup>2</sup>).</li> <li>• For severe infestations, 4 fl. oz. of product may be used to treat 5,000 ft<sup>2</sup> (16 fl. oz. treats 20,000 ft<sup>2</sup>).</li> </ul>
Northern fowl mite ( <i>Ornithonyssus sylviarum</i> )	<ul style="list-style-type: none"> <li>• Dilute 3 fl. oz. of product in 10 gallons of water.</li> <li>• Apply no more than 1 gallon of coarse spray per 100 birds to ensure adequate coverage, directed toward the vent area.</li> </ul>
Poultry red mite ( <i>Dermanyssus gallinae</i> )	<ul style="list-style-type: none"> <li>• Dilute 2 fl. oz. of product in 5 gallons of water.</li> <li>• This dilution treats 2,500 ft<sup>2</sup>.</li> </ul>

### Poultry Houses

**House Flies (adults and larvae), Stable Flies and little house flies:** Treat areas where flies rest: pay attention to side walls, the ends of buildings, upper sides of posts, crossbeams, and manure. Spray in early morning when flies are resting. Use enough water in a directed spray to contact flies and their resting surfaces thoroughly, but do not allow run-off to occur. Do not contaminate feedstuffs, water or watering and feeding equipment with premise treatment. Re-application may occur every 7 to 10 days as needed, or when fly populations reach nuisance levels.

### Livestock Housing

**House Flies (adults and larvae), Stable Flies and Little house flies:** Apply to vertical and overhead surfaces where flies may congregate. Feeders, waterers and feedcarts should be covered before application to prevent contamination. Do not contaminate feedstuffs or water with premise treatment. Pay attention to animal areas including fence railings, alleyways, manure, stanchions, pipes, window and doors, and other areas where flies congregate. Spray in early morning when flies are resting. Reapplication may occur every 7 to 10 days as needed, or when fly populations reach nuisance levels.

**Darkling Beetles and Hide Beetles:** Apply to floor area, especially to litter around food and water lines and to walls and support beams, but do not allow run-off to occur. Application should also be made into cracks and crevices around insulation, and where pests have been seen or can find harborage. Reapply

after each grow-out or sanitation procedure. Indoor control can be enhanced by making perimeter treatments to the outside of building foundations to prevent migrating adult beetles.

**Egg Producing Poultry**

**Northern Fowl Mite:** Spray birds in cages (layers) or on the floor (layers/breeders) with a coarse spray. Use a sprayer of appropriate design that is equipped to effectively apply the spray. Ensure adequate coverage of the vent area of the bird with a direct saturation spray for optimum efficacy. Re-application may occur every 14 days as needed.

**Poultry Red Mites:** Apply to areas where red mites live: this includes areas between joints, cracks and crevices, under bent surfaces, the ends of metal bars, any place where two surfaces connect, and any place where dust can accumulate. Application to the exposed and unexposed areas is required to obtain a complete and thorough treatment. Ensure a uniform spray with enough pressure to penetrate cracks and crevices where red mites are located during the day to achieve the highest efficacy of the treatment.

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**INTEGRATED PEST AND RESISTANCE MANAGEMENT**

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This product is a member of a unique class of insect control agents (spinosyns) with no pre-existing levels of resistance to any other insect control agents and can be rotated with all other classes, such as synthetic pyrethroids and organophosphates. House flies, stable flies, little house flies and other insects have demonstrated the ability to develop resistance to insect control products. Continual exposure of flies and other insects to a single class of insecticide may lead to the development of resistance to that class of insecticide. The following resistance management strategy will help ensure the prolonged usefulness of this product, as well as other conventional insecticides:

- Apply this product and other insect control agents only according to label directions
- Do not use less than the labeled rate of any insect control product
- Include multiple control tactics (cultural and/or biological controls) within an Integrated Pest Management Program
- Rotate this product with other classes of insecticides (synthetic pyrethroid, organophosphate) during a fly season

For advice concerning integrated pest management practices in relation to specific local conditions, consult resources in resistance management programs, your Cooperative Agricultural Extension Service, or your Elanco Animal Health representative (800-428-4441).

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**STORAGE AND DISPOSAL**

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

<b>Pesticide Storage:</b>	Store in original container only, tightly closed in a secure place. Keep out of reach of children and domestic animals. In case of leak or spill, remove with absorbent materials and dispose of as waste.
<b>Pesticide Disposal:</b>	Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility
<b>Container Handling:</b>	Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank, drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then dispose of empty container in a sanitary landfill.

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**INHERENT RISKS OF USE**

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It is impossible to eliminate all risks associated with the use of this product. Lack of performance or other unintended consequences may result because of such factors as use of the product contrary to label instructions, abnormal conditions, presence of other materials, the manner of application, or other factors which are beyond the control of Elanco Animal Health or the seller. To the extent consistent with applicable law all such risks are assumed by the buyer.

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**LIMITATIONS OF REMEDIES**

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To the extent consistent with applicable law all the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Elanco Animal Health's election, one of the following:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used

To the extent consistent with applicable law all Elanco Animal Health shall not be liable for losses or damages resulting from the handling or use of this product unless Elanco Animal Health is promptly notified of such loss or damage in writing. In no case shall Elanco Animal Health be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Elanco Animal Health or the seller is authorized to vary or exceed the terms of Warranty Disclaimer of this Limitation of Remedies in any manner.

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