

**Notice of Proposed and Final Decisions  
and Public Reports**

**Volume 2014-49  
December 5, 2014**

**Department of Pesticide Regulation  
Pesticide Registration Branch**

POST THROUGH JANUARY 3, 2015

## **NOTICE OF PROPOSED DECISIONS TO REGISTER PESTICIDE PRODUCTS AND PUBLIC REPORTS**

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The Director of the Department of Pesticide Regulation (DPR) proposes to register the products listed below under Chapter 2 of Division 7 (beginning with Section 12751 of the Food and Agriculture Code) after January 3, 2015 and issues this notice and these public reports in accordance with Title 3, California Code of Regulations sections 6253 and 6254. Comments concerning these proposed decisions may be directed to the Pesticide Registration Branch, Department of Pesticide Regulation, P.O. Box 4015, Sacramento, California 95812-4015 until the above date. Contacts regarding this notice should be made to the Pesticide Registration Branch at (916) 445-4400.

### *Description of the Action – Label Amendments*

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*Tracking Number – (EPA Registration Number)*

*Applicant / Brand Name*

266186 - (11556 - 155)

BAYER HEALTHCARE LLC

SERESTO CAT

USE: INSECTICIDE - FOR THE CONTROL OF FLEAS AND TICKS ON CATS AND KITTENS 10 WEEKS OF AGE AND OLDER

TYPE: SECTION 3 LABEL AMENDMENT - TO ADD A 6 HOUR REPEL AND KILL CLAIM AGAINST REINFESTING TICKS

ACTIVE INGREDIENT(S):

FLUMETHRIN

IMIDACLOPRID

CAS NUMBER(S): 69770-45-2, 105827-78-9

266185 - (11556 - 155)

BAYER HEALTHCARE LLC

SERESTO LARGE DOG

USE: INSECTICIDE - FOR THE CONTROL OF FLEAS AND TICKS ON DOGS AND PUPPIES

TYPE: SECTION 3 LABEL AMENDMENT - TO REVISE THE LICE CONTROL CLAIM FROM 1 MONTH TO 8 MONTHS

ACTIVE INGREDIENT(S):

FLUMETHRIN

IMIDACLOPRID

CAS NUMBER(S): 69770-45-2, 105827-78-9

**Notice of Proposed Decisions to Register (Continued)**

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266191 - (11556 - 155)

BAYER HEALTHCARE LLC

SERESTO SMALL DOG

USE: INSECTICIDE - FOR THE CONTROL OF FLEAS AND TICKS ON DOGS AND PUPPIES 7 WEEKS OF AGE AND UP TO 18 POUNDS

TYPE: SECTION 3 LABEL AMENDMENT - TO REVISE THE LICE CONTROL CLAIM FROM 1 MONTH TO 8 MONTHS

ACTIVE INGREDIENT(S):

FLUMETHRIN

IMIDACLOPRID

CAS NUMBER(S): 69770-45-2, 105827-78-9

267481 - (12455 - 76)

BELL LABORATORIES, INC.

CONTRAC RODENTICIDE READY TO USE PLACE PACS

USE: VERTEBRATE CONTROL - FOR THE CONTROL OF NORWAY RATS, ROOF RATS, AND HOUSE MICE IN AND WITHIN 100 FEET OF MAN MADE STRUCTURES SUCH AS HOMES, COMMERCIAL BUILDINGS, AND INDUSTRIAL BUILDINGS

TYPE: SECTION 3 LABEL AMENDMENT - TO ADD NEW CONFIDENTIAL STATEMENTS OF FORMULA, AND TO REVISE THE FIRST AID AND PRECAUTIONARY STATEMENTS

ACTIVE INGREDIENT(S):

BROMADIOLONE

CAS NUMBER(S): 28772-56-7

264654 - (67619 - 9)

CLOROX PROFESSIONAL PRODUCTS COMPANY

MASTER LABEL - COMMERCIAL SOLUTIONS CLOROX DISINFECTING WIPES1

USE: DISINFECTANT - FOR USE TO CONTROL ORGANISMS SUCH AS HERPES SIMPLEX VIRUS TYPE 1, METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS, AND SALMONELLA ON AREAS SUCH AS KITCHEN APPLIANCES, FLOORS, AND GARBAGE CANS IN SITES SUCH AS SCHOOLS, OFFICES, AND HOMES

TYPE: SECTION 3 LABEL AMENDMENT - TO REVISE THE CONTACT TIME AND ADD CLAIMS AGAINST ORGANISMS SUCH AS HEPATITIS B VIRUS, CANINE DISTEMPER VIRUS, AND NEWCASTLE DISEASE VIRUS

ACTIVE INGREDIENT(S):

ALKYL (60%C14, 30%C16, 5%C12, 5%C18) DIMETHYLBENZYL AMMONIUM CHLORIDE

ALKYL (68%C12, 32%C14) DIMETHYLETHYLBENZYL AMMONIUM CHLORIDE

CAS NUMBER(S): 63449-41-2, 85409-23-0

## Notice of Proposed Decisions to Register (Continued)

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265109 - (67071 - 26)

THOR GMBH

ACTICIDE M20S

USE: BACTERICIDE, FUNGICIDE - FOR THE CONTROL OF BACTERIA AND FUNGI IN LATICES, PAINTS, AND COATINGS

TYPE: SECTION 3 LABEL AMENDMENT - TO REVISE THE DIRECTIONS FOR USE BY REMOVING THE NOT FOR USE IN CALIFORNIA DISCLAIMER FROM THE CONCRETE ADMIXTURES AND THE INK/INK COMPONENTS SECTIONS

ACTIVE INGREDIENT(S):

2-METHYL-4-ISOTHIAZOLIN-3-ONE

CAS NUMBER(S): 2682-20-4

265533 - (73049 - 41)

VALENT BIOSCIENCES CORPORATION

PROMALIN PLANT GROWTH REGULATOR SOLUTION

USE: GROWTH REGULATOR - FOR USE AS A GROWTH REGULATOR ON APPLES, NON-BEARING PEARS, AND NON-BEARING SWEET CHERRIES

TYPE: SECTION 3 LABEL AMENDMENT - CONDITIONAL - TO REVISE THE USE DIRECTIONS FOR APPLES AND THE STORAGE AND DISPOSAL SECTION

ACTIVE INGREDIENT(S):

GIBBERELLINS

N6-BENZYL ADENINE

CAS NUMBER(S): 77-06-5, 1214-39-7

This is a proposed decision to approve amended labels for certain pesticide products already registered for use in California (project). The amended labels submitted to replace the labels for currently registered products have already been reviewed and accepted by the United States Environmental Protection Agency (U.S. EPA). By law, before these labels can be approved for placement on currently registered products in California to control use, the labels must first be reviewed and accepted by U.S. EPA. The label under which a product is registered in California is controlled by, and must be essentially the same as, the label approved by U.S. EPA. DPR cannot give its final approval for the amended labels until such labels are officially accepted by U.S. EPA.

The products listed and described above are the subject of this registration action and are currently registered in California under labels that allow each product's use only for specific pests and/or at particular types of sites, and only in the manner consistent with the label requirements and instructions. The registrants of these products have now applied to amend the labels for their respective products in California by adding additional uses or types of sites, and/or setting forth additional or different conditions or instructions for use.

### Mitigation and Alternatives

DPR evaluated the new labels for their potential to create adverse environmental effects to human health, water, air, and non-target species (checklist). After review of the new labels for the above-identified registered products, DPR has determined that use of each product in a

## Notice of Proposed Decisions to Register (Continued)

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manner consistent with its new label will have no direct or indirect significant adverse environmental impact, and therefore no alternatives or mitigation measures are proposed to avoid or reduce any significant effects on the environment. Cal. Code of Regs., tit. 14, § 15252(a)(2)(B).

If DPR determines that the use of any of the registered products in a manner consistent with the amended label submitted for approval is anticipated to have a significant adverse environmental impact, the only alternative or mitigation to the project of accepting the amended label is to deny approval and maintain the registration of the product under the existing label. However, even if an adverse impact is identified, the registration project can be approved if the Director makes a written determination that the benefit of accepting the amended label in providing an additional pest control option outweighs the risk of a significant adverse environmental impact from allowing use of the product consistent with its requirements (overriding considerations determination). Cal. Code of Regs., tit. 3, § 6158.

In an overriding considerations determination, a discussion of the lack of feasible pest control options, including product alternatives, for one or more of the pest problems for which the product can be used under the amended label may be appropriate to support approval. However, that determination is not being made here as no significant adverse environmental impacts have been identified. Outside an overriding consideration determination, a discussion of product alternatives is irrelevant to a registration project.

If the proposed registration of these products under amended labels is denied (no project alternative), there will be no significant adverse environmental impact anticipated from the lack of additional pest control options. The benefit of accepting amended labels for these currently registered products is that such action may provide additional pest control options for specific pests or use sites allowing the selection of the optimal pest tool for each unique situation; or such action may result in new control measures or requirements on use that decrease the risk of adverse impact on human health and the environment.

†† This product is designated as a California restricted material based upon the increased hazard the active ingredient may pose to human health or the environment. Although the labels submitted for registration include mitigation measures and restrictions that significantly reduce the potential for a significant adverse environmental impact, restricted material products also require a permit to be issued by the local county agricultural commissioner before they can be applied. The local county agricultural commissioner is required to conduct an evaluation before issuing a permit for the use of restricted material products to determine if the specific use at a specific time and location will result in a significant adverse environmental impact. If the evaluation finds that there is a likelihood of a substantial adverse environmental impact, and there is a mitigation measure which will significantly reduce that impact, the permit shall be conditioned on the use of that measure. If, however, no mitigation is possible and there is a feasible alternative that will substantially reduce the environmental impact while still achieving the intended pest management purpose, the permit will be denied.

**Notice of Proposed Decisions to Register (Continued)**

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*Description of the Action – New Pesticide Products*

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*Tracking Number – (EPA Registration Number)*

*Applicant / Brand Name*

264442 - (71847 - 6 - 69470)

CLEARON CORP.

CLEARON EZ BLEACH DISINFECTANT TABLETS

USE: BACTERICIDE, DISINFECTANT - FOR THE CONTROL OF VARIOUS ORGANISMS SUCH AS STAPHYLOCOCCUS AUREUS, SALMONELLA ENTERICA, AND PSEUDOMONAS AERUGINOSA ON HARD, NONPOROUS SURFACES SUCH AS FLOORS, WALLS, AND CARTS

TYPE: SECTION 3 SUBREGISTRATION -

ACTIVE INGREDIENT(S):

SODIUM DICHORO-S-TRIAZINETRIONE

CAS NUMBER(S): 2893-78-9

263966 - (9688 - 317 - 8845)

SPECTRUM GROUP, DIV. OF UNITED INDUSTRIES CORP.

HOT SHOT ANT & ROACH PLUS GERM KILLER 2

USE: DISINFECTANT, INSECTICIDE - FOR THE CONTROL OF ORGANISMS SUCH AS STAPHYLOCOCCUS AUREUS [ATCC 6538] AND ENTEROBACTER AEROGENES [ATCC 13048] AND INSECTS SUCH AS COCKROACHES, CARPENTER ANTS, AND FLEAS IN AREAS SUCH AS IN DARK CORNERS OF ROOMS, IN CABINETS, AND IN CLOSETS

TYPE: SECTION 3 SUBREGISTRATION - CONDITIONAL

ACTIVE INGREDIENT(S):

ALKYL (60%C14, 30%C16, 5%C12, 5%C18) DIMETHYLBENZYL AMMONIUM CHLORIDE

ALKYL (68%C12, 32%C14) DIMETHYLETHYLBENZYL AMMONIUM CHLORIDE

CYPERMETHRIN

PRALLETHRIN

CAS NUMBER(S): 63449-41-2, 85409-23-0, 52315-07-8, 23031-36-9

264165 - (7870 - 1 - 670)

SUNBURST CHEMICALS, INC.

CHLORBRITE

USE: ANTIMICROBIAL, DISINFECTANT - FOR USE AS A GERMICIDE AND SANITIZER ON NONPOROUS FOOD CONTACT SURFACES, FOR FRUIT AND VEGETABLE WASHING, AND IN COMMERCIAL LAUNDRY OPERATIONS

TYPE: SECTION 3 SUBREGISTRATION -

ACTIVE INGREDIENT(S):

SODIUM HYPOCHLORITE

CAS NUMBER(S): 7681-52-9

## Notice of Proposed Decisions to Register (Continued)

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264945 - (100 - 941)

SYNGENTA CROP PROTECTION, LLC

CRUISER 5FS ALFALFA

USE: INSECTICIDE - FOR THE CONTROL OF APHIDS AND LEAF HOPPERS ON ALFALFA

TYPE: SECTION 3 REGISTRATION -

ACTIVE INGREDIENT(S):

THIAMETHOXAM

CAS NUMBER(S): 153719-23-4

266147 - (87290 - 56)

WILLOWOOD, LLC

WILLOWOOD AZOXYPROP XTRA

USE: FUNGICIDE - FOR THE CONTROL OF VARIOUS DISEASES SUCH AS BROWN ROT BLOSSOM, SCAB, AND SHOTHOLE ON VARIOUS CROPS SUCH AS ALMONDS, BERRIES, AND CARROTS

TYPE: SECTION 3 REGISTRATION -

ACTIVE INGREDIENT(S):

AZOXYSTROBIN

PROPICONAZOLE

CAS NUMBER(S): 131860-33-8, 60207-90-1

This is a proposed decision to register certain pesticide products that already have been registered by U.S. EPA or for which federal registration is pending, under the specific labels that are now submitted for registration in California (project). The products listed and described above are the subject of this registration action and contain active ingredients already found in currently registered products, but may have different combinations and/or percentages of total ingredients, and/or be for different pests and/or types of sites. By law, all of these products must first be registered under a label approved by U.S. EPA before they can be registered for use in California. The label under which the product is registered in California is controlled by, and must be essentially the same as, the label approved by U.S. EPA. DPR cannot give its final approval for registration in California until the products are officially registered by U.S. EPA.

### Mitigation and Alternatives

DPR evaluated these proposed products for their potential to create adverse environmental effects to human health, water, air, and non-target species (checklist). DPR's review of this project, the registration of the above-identified products, has determined that use of each of these products in a manner consistent with its U. S. EPA-approved labeling will have no direct or indirect significant adverse environmental impact, and therefore no alternatives or mitigation measures are proposed to avoid or reduce any significant effects on the environment. Cal. Code of Regs., tit. 14, § 15252(a)(2)(B).

## Notice of Proposed Decisions to Register (Continued)

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If DPR determines that the use of any product proposed for registration in a manner consistent with its U.S. EPA-approved label is anticipated to have a significant adverse environmental impact, the only alternative or mitigation to the project of registering the product under the label presented is to deny registration. However, even if an adverse impact is identified, the registration project can be approved if the Director makes a written determination that the benefit of registering the product in providing an additional pest control option outweighs the risk of a significant adverse environmental impact from its use (overriding considerations determination). Cal. Code of Regs., tit. 3, §6158.

In an overriding considerations determination, a discussion of the lack of feasible pest control options, including product alternatives, for one or more of the pest problems targeted by a particular product, may be appropriate to support registration. However, that determination is not being made here as no significant adverse environmental impacts have been identified. Outside an overriding consideration determination, a discussion of product alternatives is irrelevant to a registration project.

If the proposed registration of any of these products is denied (no project alternative), there will be no significant adverse environmental impact anticipated from the lack of additional pest control options. The benefit of registering these products is that they provide additional pest control options for each specific proposed use, allowing the selection of the optimal pest tool for each unique situation.

†† This product is designated as a California restricted material based upon the increased hazard the active ingredient may pose to human health or the environment. Although the labels submitted for registration include mitigation measures and restrictions that significantly reduce the potential for a significant adverse environmental impact, restricted material products also require a permit to be issued by the local county agricultural commissioner before they can be applied. The local county agricultural commissioner is required to conduct an evaluation before issuing a permit for the use of restricted material products to determine if the specific use at a specific time and location will result in a significant adverse environmental impact. If the evaluation finds that there is a likelihood of a substantial adverse environmental impact, and there is a mitigation measure which will significantly reduce that impact, the permit shall be conditioned on the use of that measure. If, however, no mitigation is possible and there is a feasible alternative that will substantially reduce the environmental impact while still achieving the intended pest management purpose, the permit will be denied.

### *Description of the Action – New Pesticide Products Containing New Active Ingredients*

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*Tracking Number – (EPA Registration Number)*

*Applicant / Brand Name*

**None to report this issue Volume 2014-49.**

## Notice of Proposed Decisions to Register (Continued)

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### *Description of the Action – California Only Products*

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*Tracking Number – (EPA Registration Number)*

*Applicant / Brand Name*

266017 - (5185 - 50044)

BIO-LAB, INC.

SOFT SOAK TRIO WEEKLY SOFTENER & CLARIFIER

USE: ADJUVANT - FOR USE AS AN ADJUVANT

TYPE: CALIFORNIA ONLY REGISTRATION -

This is a proposed decision to register certain products defined by California law as being a pesticide requiring California registration, but are not considered to be pesticides under federal law or required to be registered with U.S. EPA (project). The products listed above are the subject of this registration action and either meet the definition of a spray adjuvant as defined in Food & Agricultural Code section 12758; meet the definition of a structural pest control device as defined in Food & Agricultural Code section 15300; or have been designated minimum risk pesticides that do not require federal registration under Title 7, United States Code, section 136w(b)(2) and 40 Code of Federal Regulations, section 152.25(f). The registrants of these products have now applied to register these products in California.

#### Mitigation and Alternatives

DPR evaluated these proposed products for their potential to create adverse environmental effects to human health, water, air, and non-target species (checklist). DPR's review of this project has determined that use of these products in a manner that does not conflict with their labels will have no direct or indirect significant adverse environmental impact and therefore no alternatives or mitigation measures are proposed to avoid or reduce any significant effects on the environment. Cal. Code of Regs., tit. 14, § 15252(a)(2)(B).

If DPR determines that the use of any product proposed for registration in a manner consistent with its label is anticipated to have a significant adverse environmental impact, the only alternative or mitigation to the project of registering the product under the label presented is to deny registration. However, even if an adverse impact is identified, the registration project can be approved if the Director makes a written determination that the benefit of registering the product in providing an additional pest control option outweighs the risk of a significant adverse environmental impact from its use (overriding considerations determination). Cal. Code of Regs., tit. 3, § 6158.

In an overriding considerations determination, a discussion of the lack of feasible pest control options, including product alternatives, for one or more of the pest problems targeted by a particular product, may be appropriate to support registration. However, that determination is not being made here as no significant adverse environmental impacts have been identified. Outside an overriding consideration determination, a discussion of product alternatives is irrelevant to a registration project.

**Notice of Proposed Decisions to Register (Continued)**

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If the proposed registration of any of these products is denied (no project alternative), there will be no significant adverse environmental impact anticipated from the lack of additional pest control options. The benefit of registering these products is that they provide additional pest control options for each specific proposed use, allowing the selection of the optimal pest tool for each unique situation.

*Continuous Evaluation*

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All products proposed for registration here are subject a continuous evaluation under Food and Agricultural Code section 12824 to identify and evaluate any potential significant adverse environmental impact that may be indicated after the initial registration. Following the process outlined in Title 3, California Code of Regulations sections 6220 through 6224, action may be taken to cancel the registration under Food and Agricultural Code section 12825.

*December 5, 2014*

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Dated

*Original Signed by Liz Pelham for*

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Ann M. Prichard, Branch Chief  
Pesticide Registration Branch

POST THROUGH JANUARY 3, 2015

**NOTICE OF FINAL DECISIONS TO REGISTER PESTICIDE PRODUCTS  
AND WRITTEN EVALUATION**

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Pursuant to Title 3, California Code of Regulations section 6255, the Director of the Department of Pesticide Regulation (DPR), files this Notice of Final Decisions to Register Pesticide Products with the Secretary of the Resources Agency for posting. For products conditionally registered pending the submission of specific data, the Director found that the use of the products during the time period(s) while the data are being developed is not expected to cause any significant adverse effect on the environment; there is a clear need for the products in California while the data are being developed; and that the benefits of using the products outweigh risks to human health and the environment. Conditional registration cannot be granted unless all the data required by Title 3, California Code of Regulations section 6200 and the other requirements of that section are satisfied. This notice must remain posted for a period of 30 days for public inspection. Contacts regarding this notice should be made to the Department of Pesticide Regulation's Pesticide Registration Branch at (916) 445-4400.

*Tracking Number – (EPA Registration Number)*  
*Applicant / Brand Name*

267050 - (5481 - 426)

AMVAC CHEMICAL CORPORATION

AMID-THIN

USE: GROWTH REGULATOR - FOR THINNING APPLES AND PEARS

TYPE: SECTION 3 LABEL AMENDMENT - TO REVISE THE PRECAUTIONARY  
STATEMENT BY REMOVING ORAL EXPOSURE HAZARD LANGUAGE

ACTIVE INGREDIENT(S):

1-NAPHTHALENEACETAMIDE

CAS NUMBER(S): 86-86-2

264678 - (71368 - 112)

NUFARM, INC.

CHEETAH HERBICIDE

USE: HERBICIDE - FOR THE CONTROL OF VARIOUS WEEDS SUCH AS BINDWEED,  
CLOVER, AND CHICKWEED IN VARIOUS CROPS SUCH AS COTTON, SUGAR BEETS,  
AND SOYBEANS

TYPE: SECTION 3 REGISTRATION -

ACTIVE INGREDIENT(S):

GLUFOSINATE-AMMONIUM

CAS NUMBER(S): 77182-82-2

## Notice of Final Decisions to Register (Continued)

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247450 - (100 - 1420)

SYNGENTA CROP PROTECTION, LLC

FORTENZA

USE: INSECTICIDE - FOR EARLY SEASON PROTECTION AGAINST CUTWORM  
DAMAGE ON SUNFLOWERS

TYPE: SECTION 3 REGISTRATION - CONDITIONAL

ACTIVE INGREDIENT(S):

CYANTRANILIPROLE

CAS NUMBER(S): 736994-63-1

247459 - (100 - 1552)

SYNGENTA CROP PROTECTION, LLC

MAINSRING

USE: INSECTICIDE - FOR THE CONTROL OF VARIOUS INSECTS SUCH AS APHIDS,  
WHITEFLIES, AND JAPANESE BEETLES ON ORNAMENTAL PLANTS, SHRUBS, AND  
TREES IN GREENHOUSES AND INTERIOR PLANTSCAPES

TYPE: SECTION 3 REGISTRATION - CONDITIONAL

ACTIVE INGREDIENT(S):

CYANTRANILIPROLE

CAS NUMBER(S): 736994-63-1

### *Written Evaluation*

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Pursuant to Title 3, California Code of Regulations section 6254, this notice includes a written evaluation of significant environmental points raised in comments submitted during the review and comment period required by Title 3, California Code of Regulations section 6253 for any of the products listed above.

DPR received comments raising environmental points and other concerns from Mr. Daniel J. McClure, P.E., with the Central Valley Regional Water Quality Control Board; and Mr. Thomas Mumley, with the San Francisco Bay Regional Water Quality Control Board in response to DPR's October 3, 2014 posting of a proposed decision to conditionally register Syngenta Crop Protection, LLC's (Syngenta) product, Mainspring, EPA Reg. No. 100-1552. The product contains the active ingredient cyantraniliprole. DPR evaluated the comments and provided a comprehensive response. A summary of the points raised and DPR's response are provided below. A copy of DPR's full response to Mr. McClure and Mr. Mumley can be found at the bottom of this notice.

COMMENT: The commenters expressed concern that the active ingredient could be harmful to aquatic invertebrates due to the potential for the product to move from its intended site of application into nursery runoff.

RESPONSE: Based upon its evaluation of available data and the product labels, DPR determined that conditional registration of Syngenta's product will not have a significant adverse environmental impact. Recent nursery studies have demonstrated that greenhouses and nursery facilities are typically able to contain irrigation runoff on site, although they may release to

## Notice of Final Decisions to Register (Continued)

### Page 3

adjacent receiving water bodies as a result of major storm events. As a result of DPR's modeling, several cyantraniliprole products received conditional registration recommendations, including Mainspring, and were subsequently placed on DPR's Surface Water Protection Program's (SWPP's) watch list. Placement on the watch list will give DPR the ability to quickly mobilize staff to obtain and analyze water and sediment samples for concentration of the compound in the future.

DPR is proceeding with the conditional registration of Mainspring, EPA Reg. No. 100-1552. As conditions of this product's registration, Syngenta is required to:

1. Provide a laboratory method for the quantification of cyantraniliprole in water and sediment; and,
2. Submit the results of an acute sediment toxicity test on *Hyallela Azteca* and *Chironomus tentans* (midge) conducted per USEPA guidelines (OPPTS 850.1735) for the metabolite IN-J9Z38.

*December 5, 2014*

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Dated

*Original Signed by Liz Pelham for*

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Ann Prichard, Branch Chief  
Pesticide Registration Branch



# Department of Pesticide Regulation



Brian R. Leahy  
Director

Edmund G. Brown Jr.  
Governor

November 24, 2014

Mr. Daniel J. McClure, P. E.  
Senior Water Resources Control Engineer  
Central Valley Regional Water Quality Control Board  
11020 Sun Center Drive #200  
Rancho Cordova, CA 95670

Dear Mr. Mr. McClure:

Thank you for your recent letter expressing concern over the Department of Pesticide Regulation's (DPR's) proposed decision to conditionally register the Syngenta Crop Protection, LLC's (Syngenta's) product, Mainspring, EPA Reg. No. 100-1552 (formerly DuPont HGW86 GN&N Insect Control, EPA Reg. No. 352-868). This product is intended for use on ornamental plants, shrubs, trees in green houses and interior plant scapes. Mainspring contains the pesticide active ingredient cyantraniliprole.

#### Background:

E.I. DuPont De Nemours and Co., Inc. submitted to DPR an application for registration of its product, DuPont HGW86 GN&N Insect Control, EPA Reg. No. 352-868 (ID#247459). DPR proposed to conditionally register this product, and posted the product for a 30-day public comment period. On July 18, 2014, DPR received your comments expressing concern that the product could pose a risk to surface waters, and asking that DPR consider requiring appropriate mitigation for the use of this product in greenhouses and nurseries.

After submission of your July 2014 comments, Syngenta purchased E.I. DuPont De Nemours and Co., Inc.'s product and pursued California registration under a new product brand name, Mainspring, EPA Reg. No. 100-1552. Syngenta also amended the product's proposed label to remove use on "vegetable transplants." The product is still intended for use on ornamental plants, shrubs, and trees in green houses and interior plant scapes. On October 3, 2014, DPR again posted the product for a 30-day public comment period under the new brand name Mainspring, EPA Reg. No. 100-1552.

#### Response:

DPR has long recognized that pesticides have the potential to move from their intended site of application into nursery runoff. Several nursery studies have demonstrated this including those conducted in Southern California in the last decade by DPR in collaboration with other agencies and researchers. In particular, these studies found that greenhouses and nursery facilities are typically able to contain irrigation runoff on site although they may release to adjacent receiving water bodies as a result of major storm events. However, DPR's Surface Water Protection



Program (SWPP) does not currently have a modeling scenario in our SWP model that specifically simulates this particular use pattern. In our evaluation of Syngenta's product, we used the "low runoff potential" assessment with the knowledge that other products being simultaneously evaluated using our SWP model will be simulated using "high runoff potential" scenarios. DPR plans to develop and incorporate such a scenario into future versions of the SWP model.

As a result of DPR's modeling, several cyantraniliprole products received conditional registration recommendations, including Mainspring. DPR placed cyantraniliprole and one of its major degradates (i.e., IN-J9Z38) on our program's urban and agricultural watch list. By placing cyantraniliprole and IN-J9Z38 on to the SWPP watch list, DPR will have the ability to quickly mobilize staff to analyze water and sediment samples for concentrations of the two compounds in the future.

Based on our evaluation of this product, DPR plans to proceed with the conditional registration of Mainspring, EPA Reg. No.100-1552. As conditions of this product's registration, the registrant is required to:

1. Provide a laboratory method for the quantification of cyantraniliprole in water and sediment; and .
2. Submit the results of an acute sediment toxicity test on *Hyallolela Azteca* and *Chironomus tentans* (midge) conducted per EPA guidelines (OPPTS 850.1735) for the metabolite IN-J9Z38.

Again, thank you for bringing your concerns to our attention. If you have any questions, please contact Ms. Liz Pelham by e-mail at <Liz.Pelham@cdpr.ca.gov> or by telephone at 916-445-7234. Alternatively, you may contact Mr. Steve Rhodes by e-mail at <Steve.Rhodes@cdpr.ca.gov> or by telephone at 916-324-3927.

Sincerely,

*Original signed by*

Ms. Ann Prichard, Chief  
Pesticide Registration Branch  
(916) 324-3931

cc: Kenneth D. Landau, CVRWQCB



# Department of Pesticide Regulation



Brian R. Leahy  
Director

Edmund G. Brown Jr.  
Governor

November 24, 2014

Mr. Thomas Mumley  
Assistant Executive Officer  
San Francisco Bay Regional Water Quality Control Board  
1515 Clay Street, Suite 1400  
San Francisco, California 94612

Dear Mr. Mumly:

Thank you for your recent letter expressing concern over the Department of Pesticide Regulation's (DPR's) proposed decision to conditionally register the Syngenta Crop Protection, LLC's (Syngenta's) product, Mainspring, EPA Reg. No. 100-1552 (formerly DuPont HGW86 GN&N Insect Control, EPA Reg. No. 352-868). This product is intended for use on ornamental plants, shrubs, trees in green houses and interior plant scapes. Mainspring contains the pesticide active ingredient cyantraniliprole.

#### Background:

E.I. DuPont De Nemours and Co., Inc. submitted to DPR an application for registration of its product, DuPont HGW86 GN&N Insect Control, EPA Reg. No. 352-868 (ID #247459). DPR proposed to conditionally register this product, and posted the product for a 30-day public comment period. On July 18, 2014, DPR received your comments expressing concern that the product could pose a risk to surface waters, and asking that DPR consider requiring appropriate mitigation for the use of this product in greenhouses and nurseries.

After submission of your July 2014 comments, Syngenta purchased E.I. DuPont De Nemours and Co., Inc.'s product and pursued California registration under a new product brand name, Mainspring, EPA Reg. No. 100-1552. Syngenta also amended the product's proposed label to remove use on "vegetable transplants." The product is still intended for use on ornamental plants, shrubs, and trees in green houses and interior plant scapes. On October 3, 2014, DPR again posted the product for a 30-day public comment period under the new brand name Mainspring, EPA Reg. No. 100-1552.

#### Response:

DPR has long recognized that pesticides have the potential to move from their intended site of application into nursery runoff. Several nursery studies have demonstrated this including those conducted in Southern California in the last decade by DPR in collaboration with other agencies and researchers. In particular, these studies found that greenhouses and nursery facilities are typically able to contain irrigation runoff on site although they may release to adjacent receiving water bodies as a result of major storm events. However, DPR's Surface Water Protection



Mr. Thomas Mumley  
November 24, 2014  
Page 2

Program (SWPP) does not currently have a modeling scenario in our SWP model that specifically simulates this particular use pattern. In our evaluation of Syngenta's product, we used the "low runoff potential" assessment with the knowledge that other products being simultaneously evaluated using our SWP model will be simulated using "high runoff potential" scenarios. DPR plans to develop and incorporate such a scenario into future versions of the SWP model.

As a result of DPR's modeling, several cyantraniliprole products received conditional registration recommendations, including Mainspring. DPR placed cyantraniliprole and one of its major degradates (i.e., IN-J9Z38) on our program's urban and agricultural watch list. By placing cyantraniliprole and IN-J9Z38 on to the SWPP watch list, DPR will have the ability to quickly mobilize staff to analyze water and sediment samples for concentrations of the two compounds in the future.

Based on our evaluation of this product, DPR plans to proceed with the conditional registration of Mainspring, EPA Reg. No.100-1552. As conditions of this product's registration, the registrant is required to:

1. Provide a laboratory method for the quantification of cyantraniliprole in water and sediment; and
2. Submit the results of an acute sediment toxicity test on *Hyallolela Azteca* and *Chironomus tentans* (midge) conducted per EPA guidelines (OPPTS 850.1735) for the metabolite IN-J9Z38.

Again, thank you for bringing your concerns to our attention. If you have any questions, please contact Ms. Liz Pelham by e-mail at <Liz.Pelham@cdpr.ca.gov> or by telephone at 916-445-7234. Alternatively, you may contact Mr. Steve Rhodes by e-mail at <Steve.Rhodes@cdpr.ca.gov> or by telephone at 916-324-3927.

Sincerely,

*Original signed by*

Ms. Ann Prichard, Chief  
Pesticide Registration Branch  
(916) 324-3931

cc: Kelly D. Moran, Urban Pesticide Pollution Prevention Partnership

POST THROUGH JANUARY 3, 2015

## **NOTICE OF PROPOSED DECISIONS TO DENY PESTICIDE PRODUCTS**

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Pursuant to Title 3, California Code of Regulations section 6253, the Director of the Department of Pesticide Regulation (DPR), notices the Department's proposed decisions to deny the registration of the following pesticide products. Unless specified, the reason for denial is that the required data was not submitted, was determined to be inadequate, or there was a likelihood of a significant adverse environmental effect anticipated from the use of these products in a manner consistent with its label. This action will not have a significant adverse impact on the environment. Interested persons may comment on these proposed decisions up to and including the date shown on the top line of this notice to the Pesticide Registration Branch, Department of Pesticide Regulation, P.O. Box 4015, Sacramento, California 95812-4015. Contacts regarding this notice should be made to the Pesticide Registration Branch at (916) 445-4400.

*Tracking Number – (EPA Registration Number)*  
*Applicant / Brand Name*

261282 - (1529 - 65)

INTERNATIONAL SPECIALTY PRODUCTS  
NUOSEPT BMC 412

USE: ANTIMICROBIAL - FOR INDUSTRIAL USE ONLY AS A PRESERVATIVE FOR  
AQUEOUS COMPOSITIONS SUCH AS LATEX SYSTEMS, METAL WORKING FLUIDS,  
AND WATER-BASED PAINTS AND COATING SYSTEMS

TYPE: SECTION 3 REGISTRATION -

ACTIVE INGREDIENT(S):

1,2-BENZISOTHIAZOLIN-3-ONE

2-METHYL-4-ISOTHIAZOLIN-3-ONE

5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE

CAS NUMBER(S): 2634-33-5, 2682-20-4, 26172-55-4

265962 - (2217 - 833)

PBI/GORDON CORPORATION

SPEED ZONE BROADLEAF HERBICIDE FOR TURF

USE: HERBICIDE - FOR THE CONTROL OF VARIOUS BROADLEAF WEEDS SUCH AS  
CLOVER, DANDELION, AND SPURGE IN TURFGRASS SPECIES SUCH AS KENTUCKY  
BLUEGRASS, PERENNIAL RYEGRASS, AND TALL FESCUE

TYPE: SECTION 3 LABEL AMENDMENT - TO ADD POSTEMERGENT CONTROL OF  
GOOSEGRASS AND TO REVISE THE INGREDIENT STATEMENT

ACTIVE INGREDIENT(S):

2,4-D, 2-ETHYLHEXYL ESTER

CARFENTRAZONE-ETHYL

DICAMBA

MECOPROP-P

CAS NUMBER(S): 1928-43-4, 128639-02-1, 1918-00-9, 16484-77-8

**Notice of Proposed Decisions to Deny (Continued)**

**Page 2**

265983 - (2217 - 835)

PBI/GORDON CORPORATION

SPEED ZONE SOUTHERN BROADLEAF HERBICIDE FOR TURF

USE: HERBICIDE - FOR THE CONTROL OF VARIOUS BROADLEAF WEEDS SUCH AS DOLLARWEED, DANDELION, AND SPURGE IN TURFGRASSES SUCH AS

BERMUDAGRASS, BAHIAGRASS, AND CENTIPEDEGRASS

TYPE: SECTION 3 LABEL AMENDMENT - TO ADD POST-EMERGENT CONTROL OF GOOSEGRASS AND TO REVISE THE INGREDIENT STATEMENT

ACTIVE INGREDIENT(S):

2,4-D, 2-ETHYLHEXYL ESTER

CARFENTRAZONE-ETHYL

DICAMBA

MECOPROP-P

CAS NUMBER(S): 1928-43-4, 128639-02-1, 1918-00-9, 16484-77-8

266162 - (89349 - 1)

WILLOWOOD ABAMECTIN, LLC

WILLOWOOD ABAMECTIN TECHNICAL

USE: INSECTICIDE - FOR THE USE IN THE FORMULATION OF INSECTICIDES ONLY

TYPE: SECTION 3 REGISTRATION -

ACTIVE INGREDIENT(S):

ABAMECTIN

CAS NUMBER(S): 71751-41-2

265802 - (87289 - 1)

WILLOWOOD ETHOFUMESATE, LLC

WILLOWOOD ETHOFUMESATE TECHNICAL

USE: HERBICIDE - FOR USE IN THE FORMULATION OF HERBICIDES

TYPE: SECTION 3 REGISTRATION -

ACTIVE INGREDIENT(S):

ETHOFUMESATE

CAS NUMBER(S): 26225-79-6

**Notice of Proposed Decisions to Deny (Continued)**

**Page 3**

265130 - (87290 - 52)

WILLOWOOD, LLC

WILLOWOOD BENTAZON 4

USE: HERBICIDE - FOR THE CONTROL OF VARIOUS WEEDS SUCH AS SESBANIA,  
BRISTLY STARBUR, AND WILD SUNFLOWER IN VARIOUS CROPS SUCH AS  
PEANUTS, CORN, AND BEANS

TYPE: SECTION 3 REGISTRATION -

ACTIVE INGREDIENT(S):

BENTAZON, SODIUM SALT

CAS NUMBER(S): 50723-80-3

*December 5, 2014*

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Dated

*Original Signed by Liz Pelham for*

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Ann Prichard, Branch Chief  
Pesticide Registration Branch

POST THROUGH JANUARY 3, 2015

## **NOTICE OF FINAL DECISIONS TO DENY PESTICIDE PRODUCTS**

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Pursuant to Title 3, California Code of Regulations section 6255, the Director of the Department of Pesticide Regulation (DPR) files this Notice of Final Decisions to Deny Pesticide Products with the Secretary of the Resources Agency for posting. Unless specified, the reason for denial is that the required data was not submitted, was determined to be inadequate, or there was a likelihood of a significant adverse environmental effect anticipated from the use of these products in a manner consistent with its label. This action will not have a significant adverse impact on the environment. This notice must remain posted for a period of 30 days for public inspection. Contacts regarding this notice should be made to the Department of Pesticide Regulation's Pesticide Registration Branch at (916) 445-4400.

*Tracking Number – (EPA Registration Number)  
Applicant / Brand Name*

264079 - (87320 - 2 - 5481)  
AMVAC CHEMICAL CORPORATION  
REJUVENATE SEED TREATMENT  
USE: GROWTH REGULATOR - FOR USE AS A GROWTH REGULATOR ON POTATO SEED  
TYPE: SECTION 3 SUBREGISTRATION -  
ACTIVE INGREDIENT(S):  
NAA, POTASSIUM SALT  
CAS NUMBER(S): 15165-79-4

263259 - (9779 - 335)  
WINFIELD SOLUTIONS, LLC  
ASCEND  
USE: GROWTH REGULATOR - FOR USE AS A GROWTH REGULATOR ON SWEET AND FIELD CORN AND COTTON  
TYPE: SECTION 3 REGISTRATION -  
ACTIVE INGREDIENT(S):  
CYTOKININ  
GIBBERELLINS  
INDOLE  
CAS NUMBER(S): 1214-39-7, 77-06-5, 120-72-9

*December 5, 2014*

*Original Signed by Liz Pelham for*

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Dated

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Ann Prichard, Branch Chief  
Pesticide Registration Branch