



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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

December 28, 2015

Frederick T. Smith  
Regulatory Agent  
Fine Agrochemicals Ltd.  
c/o SciReg, Inc.  
12733 Director's Loop  
Woodbridge, VA 22192

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – Addition of Supplemental Label; and Addition of Non-food Use for Cherries, Addition of Foliar and Latex Application Instructions, and Minor Rate Adjustments to Master Label  
Product Name: Exilis Plus  
EPA Registration Number: 62097-9  
Application Date: 9/21/15  
OPP Decision Number: 509351

Dear Mr. Smith:

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

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 EPA 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 Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Chris Pfeifer of my team by phone at (703) 308-0031 or via email at [pfeifer.chris@epa.gov](mailto:pfeifer.chris@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Andrew C. Bryceland". The signature is fluid and cursive, with the first name "Andrew" and last name "Bryceland" clearly legible.

Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure

# EXILIS PLUS®

Plant growth regulator solution for use on apples, pears and cherries

Active Ingredient: N-(phenylmethyl)-1H-purine-6-amine..... 2%  
Other Ingredients:.....98%  
Total:.....100%

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

[See inside panel for First Aid Statements.]

**ACCEPTED**

**12/28/2015**

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 62097-9

EPA Reg. No. 62097-9

EPA Est. No.

Net Contents: 1 gallon (3.78 litres)

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
IF SWALLOWED	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Poison Control Hotline at 1-800-222-1222 for emergency medical treatment information 24 hours a day, seven days a week.	

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, and clothing. Wear protective eyewear and chemical-resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

## **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category C on an EPA chemical-resistance selection chart.

Applicators and other handlers must wear:

- \* Long-sleeved shirt and long pants.
- \* Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton.
- \* Socks and shoes.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

## **USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## **ENVIRONMENTAL HAZARDS**

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 disposing of equipment wash waters or rinsate.

## **PHYSICAL OR CHEMICAL HAZARDS**

FOR CHEMICAL EMERGENCY: spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

## **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labelling. 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 requirement specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. Do not apply this product through any type of irrigation system.

## **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labelling and with the Worker Protection Standard, 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) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as, plants, soil or water is:

- Coveralls
- Shoes plus socks
- Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton.

## **PRODUCT INFORMATION**

- Exilis Plus is a plant growth regulator for use on apples and pears.
- Exilis Plus is a post-bloom thinning agent.
- Exilis Plus may increase fruit weight, but this is dependent on fruit set and the physiological condition of the trees.
- [Exilis Plus may increase branching and feathering of non-bearing apple, pear or cherry trees.]
- Apply Exilis Plus using conventional spray application machinery or as otherwise directed in this label. Do not apply Exilis Plus using irrigation equipment.
- The effectiveness of Exilis Plus depends on the variety of target apple and pear trees.
- The thinning effectiveness of Exilis Plus is increased by:
  - High temperatures before and after application (70-75°F (21-24°C)).
  - Disease and physiological stress of target trees. Apply reduced rates to low vigor trees, or trees under stress from drought, winter injury, etc.
- The effectiveness of Exilis Plus is reduced by:
  - Low temperatures before and after application. Do not apply Exilis Plus if the temperature is below 60°F (16°C).
  - Rainfall immediately after application.
  - pH above 8. Exilis Plus performs best when the pH is 5-6.5. A buffer or pH enhancer may be used for this purpose.
- Direct 80% of the spray to the top <sup>2</sup>/<sub>3</sub>rds of the tree structure.
- Use a properly calibrated sprayer to ensure uniform and complete coverage of all foliage and developing fruit without run-off. Spray volume should be adjusted for tree size and density.
- Exilis Plus works best if climatic conditions allow an extended drying period. Consider application in the morning or evening when temperatures are lower and humidity tends to be higher than during the day.
- Consult your farm advisor or extension specialist for advice about tank-mixing Exilis Plus with other compounds.
- DO NOT EXCEED 296 fl. oz. of product (182 grams of active ingredient) PER ACRE PER SEASON.
- DO NOT APPLY CLOSER THAN 86 DAYS BEFORE HARVEST.

## **SPRAYING GUIDE FOR FRUIT THINNING**

When used to thin fruit, Exilis Plus is normally applied in a single spray program; if a second application is needed allow 7-10 days after the first to observe the effect and spray before the diameter of king bloom fruit exceeds 20mm.

Make 1-2 applications of 75-200 ppm when king fruitlets are 5-10 mm in diameter (see Exilis Plus Dilution Guide). The effectiveness of Exilis Plus depends on the variety of target apple and pear trees and weather conditions. Refer to your farm advisor or extension specialist for advice about rate of application. DO NOT EXCEED 296 fl oz of product (182 grams of active ingredient) PER ACRE PER SEASON.

### **SPRAYING GUIDE FOR FRUIT SIZING & RETURN BLOOM**

Spray 2-4 applications of 10-50 ppm at petal fall and following at 3-10 day intervals. Generally use higher rates at longer intervals and lower number of applications. Refer to your farm advisor or extension specialist for advice about rate of application. DO NOT EXCEED 296 fl. oz. of product (182 grams of active ingredient) PER ACRE PER SEASON.

Applications for fruit sizing may cause thinning in some varieties or conditions of application.

### **[APPLICATION INSTRUCTIONS FOR INCREASING BRANCHING AND FEATHERING OF NON-BEARING APPLE, PEAR AND CHERRY TREES**

#### **Foliar Applications:**

Application of Exilis Plus increases branching to help improve tree structure of nursery stock and young trees. Exilis Plus also improves branch angles and stimulates bud break. Make 3-4 applications of 250-500 ppm (76-153 fl. oz. per 50 gallons of water) on a 5-10 day interval beginning when trees have at least 28-30 inches of growth.

- Optimum application timing is in the morning when temperatures are cooler and drying times are slower. Applications when temperatures are 90°F (32°C) or higher should be avoided.
- Applications can be made to trees in nursery situations and non-bearing trees in orchards.
- DO NOT apply Exilis Plus to trees with fruit that are intended for harvest.
- Applications should be directed to the shoot tips of the trees.
- For second through fourth applications, spray should be applied after 5 inches of new growth has occurred following the previous application, approximately 7-10 days.
- DO NOT apply Exilis Plus with streptomycin or make an application of streptomycin within 1 day of application of Exilis Plus.

#### **Latex Applications:**

Application of Exilis Plus improves tree structure by improving branch angles and increasing lateral bud break and shoot growth in nursery stock and young trees. At the location where branching is desired, apply a uniform application of Exilis Plus and latex paint mix at a rate of 5,000-7,500 ppm (3.8-5.8 fl. oz./pint of latex paint). The Exilis Plus and latex paint mix should be applied using a brush or sponge to achieve thorough coverage of the bark surface. Application should only be made to one year old wood in the spring once terminal buds begin to swell but before shoots emerge. Applications made following bud break may result in injury to the young shoots.

- DO NOT apply more than 296 fl. oz. Exilis Plus per acre per season.
- DO NOT apply Exilis Plus and latex paint mix after bud break. Doing so may cause injury to shoot tips and reduce the effectiveness of the application for shoot growth.



- A one year pre-harvest interval is required for non-bearing pears and non-bearing sweet cherries following an application of Exilis Plus.]

## **EXILIS PLUS DILUTION GUIDE**

<b>Parts Per Million</b>	10 ppm	25 ppm	50 ppm	75 ppm	100 ppm	125 ppm	150 ppm	175 ppm	200 ppm
<b>Fluid Ounces of Product Per 50 Gallons of Water</b>	3	7.5	15	23	30.5	38	45.5	53.5	61

Exilis Plus contains 39.35 grams active ingredient per 64 fluid ounces (one-half gallon).

## **STORAGE AND DISPOSAL**

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

Pesticide Storage: Keep container tightly closed when not in use. Store below 75°F.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Non-refillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, if available, or puncture and dispose of in sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

## **WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY**

Fine Agrochemicals Limited ("FINE") warrants that this Product conforms to the specifications on this label. To the extent consistent with applicable law, FINE makes no other warranties and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for a particular purpose. No agent of FINE or any other person is authorized to make any representation or warranty beyond those contained herein.

It is impossible to eliminate all risks associated with this Product. Plant injury, lack of performance, or other unintended consequences may result because of factors such as abnormal weather conditions, use of the Product other than in strict accordance with this label's instructions, presence of other materials, the manner of application or other factors, all of which are beyond the control of FINE or the seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

To the extent consistent with applicable law: 1) FINE disclaims any liability whatsoever for special, incidental or consequential damages resulting from the handling or use of this Product

and 2) FINE's liability under this label shall be limited to the amount of the purchase price or, at the election of FINE, the free replacement of the Product.

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Exilis Plus is a registered trademark of Fine Agrochemicals Ltd.



## SUPPLEMENTAL LABEL

# EXILIS PLUS®

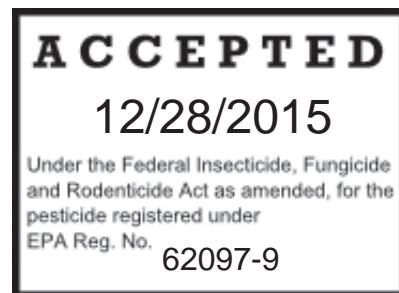
Plant growth regulator solution for use on apples, pears and cherries

Active Ingredient: N-(phenylmethyl)-1H-purine-6-amine..... 2%  
Other Ingredients: .....98%  
Total:.....100%

This supplemental label expires on December 23, 2018.

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## CAUTION



EPA Reg. No. 62097-9

EPA Est. No.

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