



# exilis<sup>®</sup> 9.5 SC

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

Active Ingredient: N-(phenylmethyl)-1H-purine-6-amine..... 9.51%  
Other Ingredients:.....90.49%  
Total:.....100.00%

## KEEP OUT OF REACH OF CHILDREN

EPA Reg. No. 62097-33-82917

EPA Est. No. 39578-TX-001

Net Contents: 1 quart (0.95 liter)

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear appropriate protective clothing. Remove and wash contaminated clothing 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 exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS

Users should:

- 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 or 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 washwater 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 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 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 labeling 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 9.5 SC is a plant growth regulator for use on apples and pears.
- Exilis 9.5 SC is a post-bloom thinning agent.
- Exilis 9.5 SC may increase fruit weight, but this is dependent on fruit set and the physiological condition of the trees.
- Exilis 9.5 SC may increase branching and feathering of non-bearing apple, pear or cherry trees.
- Apply Exilis 9.5 SC using conventional spray application machinery or as otherwise directed in this label. Do not apply Exilis 9.5 SC using irrigation equipment.
- The effectiveness of Exilis 9.5 SC depends on the variety of target apple and pear trees.
- The thinning effectiveness of Exilis 9.5 SC 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 9.5 SC is reduced by:
  - Low temperatures before and after application. Do not apply Exilis 9.5 SC if the temperature is below 60°F (16°C).
  - Rainfall immediately after application.
  - pH above 8. Exilis 9.5 SC 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 2/3rds 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 9.5 SC 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 9.5 SC with other compounds.
- DO NOT EXCEED 61.6 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 9.5 SC 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 9.5 SC Dilution Guide). The effectiveness of Exilis 9.5 SC 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 61.6 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 61.6 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 (all approved states except California)*

##### **Foliar Applications:**

Application of Exilis 9.5 SC increases branching to help improve tree structure of nursery stock and young trees. Exilis 9.5 SC also improves branch angles and stimulates bud break. Make 3-4 applications of 250-500 ppm (16-32 fl. oz. per 50 gallons of water) on a 5-10 day interval to trees that 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 9.5 SC 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 9.5 SC with streptomycin or make an application of streptomycin within 1 day of application of Exilis 9.5 SC.

**Latex Applications:**

Application of Exilis 9.5 SC improves tree structure by improving branch angles and increasing bud break and shoot growth in nursery stock and young trees. At the location where branching is desired, apply a uniform application of Exilis 9.5 SC and latex paint mix at a rate of 5,000-7,500 ppm (0.8-1.2 fl. oz./pint of latex paint). The Exilis 9.5 SC 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 shoot emergence may result in injury to the young shoots.

- DO NOT apply more than 61.6 fl. oz. Exilis 9.5 SC per acre per season.
- DO NOT apply Exilis 9.5 SC 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 9.5 SC.

**EXILIS 9.5 SC DILUTION GUIDE**

Parts Per Million	10 ppm	25 ppm	50 ppm	75 ppm	100 ppm	125 ppm	150 ppm	175 ppm	200 ppm
Fluid Ounces of Product Per 100 Gallons of Water	1.3	3.2	6.4	9.6	12.8	16.0	19.2	22.4	25.6

Exilis 9.5 SC contains 189.15 grams active ingredient per 64 fluid ounces (one-half gallon).

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage and 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 must be disposed of on site or at an approved waste disposal facility.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. 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 the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, if available, or puncture or dispose of in a 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.

We particularly draw the attention of the Buyer to the fact that thinning results depend on a number of external factors such as sensitivity of specific crop varieties to chemical thinning, as well as varietal tendencies for biennial bearing and the production of small fruit. Other important factors which determine thinning performance are weather conditions at the time of application and the period immediately following, as well as flowering, pollination and the overall vigor of the tree.

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.

Distributed by:  
Fine Americas, Inc.  
1850 Mt. Diablo Blvd., Suite 405  
Walnut Creek, CA 94596  
Tel: 925-932-8800

Exilis® is a registered trademark of Fine Agrochemicals, Ltd.

SAL 4/18/16  
EX9.5SC/QT/US/116