



**Plant growth regulator solution for use on apples, pears, pistachios and non-bearing cherries**

Active Ingredient: Benzyladenine..... 9.51%  
Other Ingredients:.....90.49%  
Total:.....100.00%

**KEEP OUT OF REACH OF CHILDREN**

See attached label booklet for First Aid, Precautionary, Storage and Disposal Statements, and Directions for Use.

EPA Reg. No. 62097-33-82917

EPA Reg.No. indicated by first letter of batch number on this package (E) 39578-TX-001  
(C) 70815-GA-001

Net Contents: 1 gallon (3.78 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, pears and pistachio.
- Exilis 9.5 SC is a post-bloom thinning agent in apples and pears.
- 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 apple, pear or non-bearing 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.
  - **DO NOT** exceed a 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. Adjust spray volume 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 in bearing apple and pears.
- **DO NOT APPLY CLOSER THAN 86 DAYS BEFORE HARVEST** in apple or pears.
- **DO NOT EXCEED** 20.26 fl oz of product (60 grams of active ingredient) PER ACRE PER SEASON in pistachio.
- **DO NOT APPLY CLOSER THAN 60 DAYS BEFORE HARVEST** in pistachio.

#### *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 APPLE, PEAR AND NON-BEARING 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. In areas with warmer and longer growing seasons up to 5 applications may be necessary whereas in areas with cooler and shorter growing seasons fewer applications may.

For orchard trees (apple, pear & non-bearing cherry trees) the first application should be made at 1-3 inches of new terminal growth. The application should be targeted to the sites where branching is desired. 1 to 4 applications of 250 to 500 ppm (0.32 to 0.64 fl. oz. of Exilis SC per gal of spray mix) may be made to sites in the trees where branching is desired. For these applications in bearing trees, applications may be made using a backpack sprayer, spray bottle or a single nozzle attached to a boom or orchard sprayer. The area treated should be treated as to allow for sufficient coverage without runoff of the spray solution. Best results will be observed when making these applications to current year's growth.

- Optimum application timing is in the morning when temperatures are cooler and drying times are slower. Avoid applications when temperatures are below 40°F (4.4°C) or above 90°F (32°C).
- Applications can be made to nursery stock, young non-bearing trees for apple, pear and cherry. Applications can be made in bearing orchards for apple and pear.
- **DO NOT** apply Exilis 9.5 SC to cherry trees with fruit that are intended for harvest.
- **DO NOT** make applications in non-bearing cherry trees within one year of first anticipated harvest.
- For nursery stock and young non-bearing trees direct applications to the shoot tips of the trees.
- In bearing trees (apple & pear) applications are to be targeted to the site where branching is desired.
- In nursery stock and young trees, for second through fourth applications, make spray 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.
- On orchard trees (apple and pear), **DO NOT** exceed 61.6 fl.oz. (182 g active ingredient) per acre per season for all use patterns combined (branching, thinning, return bloom and sizing).
- On nursery & young non-bearing trees (apple, pear & cherry), **DO NOT** exceed 64.0 fl.oz. (189.15 g active ingredient) per acre per season.

### **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). Apply 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. Make application only 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 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.
- For best results apply in temperatures above 50°F (10°C).
- **DO NOT** use any paint that contains a mildewcide.
- A one year pre-harvest interval is required for non-bearing cherries following an application of Exilis 9.5 SC.

#### Special Instructions to Reduce Blind Wood on Apples with Type 4 Growth Habit:

To force break of paradormant buds and promote resulting shoot extension on older wood of apple trees, make a notch immediately above the dormant bud and apply up to 1500 ppm of Exilis SC directly into the notch using a squirt bottle or paint brush. Notching and application should be done in the spring when temperatures warm. If applications are made after bud break, use caution to prevent contact of the Exilis SC solution with green tissue to avoid injury to tender shoot tips.

For optimum results, the notch must penetrate through the cambium layer. Be aware of the associated risks of bacterial infection from erwinia and pseudomonas in open wounds, and implement appropriate risk mitigation measures, including avoiding notching when conditions are favorable for infection.

#### *PISTACHIO - SPRAYING GUIDE FOR SIZING & RETURN BLOOM*

Exilis SC can be applied in pistachio to increase yield and reduce alternate bearing. Two applications of Exilis SC are to be made to the pistachio trees at a rate of 25-50 ppm per application. Applications are to be made in a sufficient spray volume to ensure complete coverage of the tree. The first application should be made in early to mid-June and the second application made in early to mid-July. Spray volumes of 100 gallons per acres have been shown to be adequate but the spray volume should be adjusted to provide proper coverage based on tree size and spacing. A low biuret urea foliar nitrogen should be tank mixed with the Exilis SC at a rate of 6.25 to 12.5 lbs nitrogen per acre for each spray application.

- **DO NOT** EXCEED 20.26 fl. oz. of product (60 grams of active ingredient) PER ACRE PER SEASON in pistachio.
- **DO NOT** APPLY CLOSER THAN 60 DAYS BEFORE HARVEST in pistachio.
- Use calibrated airblast spray equipment to ensure uniform coverage of foliage and fruit.

#### 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	250 ppm	500 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	32.0	64.0

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.

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