

CAUTION

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Solaris® 300

Fungicide

ACTIVE CONSTITUENT: **300 g/L CYPRODINIL**

GROUP	9	FUNGICIDE
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Crops: Almonds, Apples, Apricots, Grapes, Nectarines, Peaches, Pears and Plums

Controls: Black Spot (Apple Scab and Pear Scab), Blossom Blight, Brown Rot, Grey Mould (*Botrytis cinerea*), Rust, Shot Hole



Formulation type
Emulsifiable Concentrate

EC

adama.com

CONTENTS: 1 L - 60 L

DIRECTIONS FOR USE

RESTRAINTS

The effect of SOLARIS® 300 Fungicide could be diminished if rain falls within 2 hours of application.

DO NOT apply by aircraft.

DO NOT apply by spraying equipment carried on the back of the user.

CROP	PEST	RATE	CRITICAL COMMENTS
Almonds	Blossom Blight / Brown Rot (<i>Monilinia laxa</i>), Rust (<i>Tranzschelia discolor</i>), Shot Hole (<i>Wilsonomyces carpophilus</i>)	Dilute spraying 70 mL/100 L Concentrate spraying Refer to the Application section	Apply SOLARIS® 300 by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. DO NOT use at concentrate rates greater than 280 mL/100L of water. Blossom Blight/Brown Rot and Shot Hole should be managed from budswell using a season-long spray program including fungicides from different mode of action groups. Applications of SOLARIS® 300 during flowering for Blossom Blight/Brown Rot and Shot Hole will also control early season rust infections. Additional sprays of fungicides from other mode of action groups should be made post-flowering if conditions are favourable for rust infection. Apply up to two applications of SOLARIS® 300 from early (10%) bloom to petal fall, with a minimum 7 day interval between applications. From shuck fall, apply other registered fungicides if required on a 14 day spray interval. DO NOT apply SOLARIS® 300 in almonds after petal fall. DO NOT apply more than two applications of SOLARIS® 300 per season in almonds.
Apples, Pears	Apple Scab (<i>Venturia inequalis</i>), Pear Scab (<i>Venturia pirina</i>)	Dilute spraying 67 mL/100 L Concentrate spraying Refer to the Application section	Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. Commence spraying at green tip with an approved fungicide, then apply a maximum of 4 applications of SOLARIS® 300 between spur burst and petal fall at 7 - 10 day intervals. Ensure thorough coverage. Continue the Scab/Black Spot program commencing no later than 7 - 10 days after the last SOLARIS® 300 application, using approved DMI plus protectant fungicides. DO NOT apply SOLARIS® 300 after petal fall. DO NOT use at concentrate rates greater than 267 mL/100L of water. DO NOT apply more than 4 applications of this product to apples and pears per season.

CROP	PEST	RATE	CRITICAL COMMENTS
Apricots, Nectarines, Peaches, Plums	Blossom Blight (<i>Monilinia laxa</i>), Brown Rot (<i>Monilinia fructicola</i>)	Dilute spraying 67 mL/100 L Concentrate spraying Refer to the Application section	Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. This use is subject to a CropLife fungicide resistance strategy. Apply a maximum of 3 applications of SOLARIS® 300 between early blossom and shuck fall. Ensure thorough coverage. Critical application timings between early blossom and shuck fall are: 10% blossom, 100% blossom and shuck fall. After shuck fall continue with a disease control program using alternative chemistry. DO NOT apply SOLARIS® 300 after shuck fall. DO NOT use at concentrate rates greater than 267 mL/100 L of water. DO NOT apply more than 3 applications of this product to apricots, nectarines, peaches or plums per season.
Grapes (except grapes grown for dried fruit production)	Grey Mould/Bunch Rot (<i>Botrytis cinerea</i>)	Dilute spraying 100 mL/100 L Concentrate spraying 1 L/ha	Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. DO NOT use at rates greater than 250 mL/100 L of water. Applications can be made at 5% capfall, 80% capfall, pre-bunch closure or veraison. This use is subject to a CropLife fungicide resistance strategy. Follow a complete disease management program for Grey Mould by rotating with fungicides from unrelated chemical groups as per the CropLife fungicide resistance management guidelines. DO NOT apply more than 2 applications of SOLARIS® 300 per season.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

WITHHOLDING PERIOD

ALMONDS, APPLES, PEARS, APRICOTS, NECTARINES, PEACHES, PLUMS:
NOT REQUIRED WHEN USED AS DIRECTED.

GRAPES: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.

EXPORT WINE

Where this product will be used on grapes that will be used to produce wine destined for export markets, seek advice from the Australian Wine Research Institute or Adama to ensure the wine will meet the requirements of the intended importing country.

GENERAL INSTRUCTIONS

SOLARIS® 300 is a systemic fungicide that is taken up into the cuticle and waxy layers of leaves and fruit. From there it is distributed and penetrates into other parts of the plant.

MIXING

Add the required amount of SOLARIS® 300 Fungicide directly to the spray tank and mix well.

COMPATIBILITY

This product is compatible with a number of products, including Chief® 250 Liquid Fungicide and Gem® Fungicide. Mixtures with more than one other product are not recommended. As formulations of other manufacturer's products are beyond the control of Adama, all mixtures should be tested prior to mixing commercial quantities.

APPLICATION

Ground application only

Good disease control requires even, thorough coverage of the treated area. Except when applying with orchard airblast equipment, DO NOT apply with spray droplets smaller than a MEDIUM spray droplet size category according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the BCPC Guideline.

Dilute spraying

Use a sprayer designed to apply high spray volumes, up to the point of run-off and matches to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient spray volume to cover the crop to the point of run-off. Avoid excessive run-off. The required spray volume to achieve point of run-off may be determined by applying different test volumes, using different settings on the sprayer, or from industry guidelines or other expert advice. Add the amount of product specified in the Directions for Use table for each 100 L of water. Spray to the point of run-off. The required dilute spray volume to achieve point of run-off will change and the sprayer set up and operation may also need to be changed, as the crop grows.

Concentrate Spraying

Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of run-off) and matched to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume. Determine an appropriate dilute spray volume (See Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate. The mixing rate for concentrate spraying can then be calculated in the following way:

EXAMPLE ONLY

1. Dilute spray volume as determined above: For example 1500 L/ha
2. Your chosen concentrate spray volume: For example 500 L/ha
3. The concentration factor in this example is: 3 X (i.e. 1500 L/ 500 L = 3)
4. As the dilute label rate is 100 mL/100 L, then the concentrate rate becomes 3 x 100, that is 300 mL/ 100 L of concentrate spray.

The chosen spray volume, amount of product per 100 L of water, and the sprayer set up and operation may need to be changed as the crop grows. Do not use a concentrate rate greater than that specified in the Critical Comments. For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

FUNGICIDE RESISTANCE WARNING

SOLARIS® 300 is a member of the anilinopyrimidine group of fungicides. For fungicide resistance management the product is a Group 9 fungicide. Some naturally occurring individual fungi resistant to SOLARIS® 300 and other Group 9 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by this product and other Group 9 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, Adama Australia accepts no liability for any losses that may result from failure of SOLARIS® 300 to control resistant fungi.

GROUP 9 FUNGICIDE

PRECAUTION

Re-entry periods

Almonds

DO NOT allow entry into treated areas until spray has dried, unless wearing cotton overalls (or equivalent clothing) and chemical resistant gloves. Clothes must be laundered after each day's use.

Grapes

DO NOT allow entry into treated areas until spray has dried unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

Apples, Pears, Apricots, Nectarines, Peaches and Plums

DO NOT allow entry into treated areas for 2 days after application unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions or from spraying equipment that may cause spray drift onto nearby susceptible plants/crops, cropping lands or pastures. AVOID spray drift onto cherries as crop damage may occur.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish and other aquatic organisms. DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.

PROTECTION OF POLLINATORS

Low hazard to bees.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

SAFETY DIRECTIONS

May irritate the skin. Will irritate the eyes. Avoid contact with eyes and skin. When opening the container and preparing spray, wear elbow-length chemical resistant gloves and goggles. When using the prepared spray, wear elbow length chemical resistant gloves. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

SDS

If additional hazard information is required refer to the Safety Data Sheet (SDS). A safety data sheet for SOLARIS® 300 Fungicide is available from adama.com or call Customer Service on 1800 423 262.

CONDITIONS OF SALE: The use of SOLARIS® 300 Fungicide being beyond the control of the manufacturer, no warranty expressed or implied is given by Adama Australia, regarding its suitability, fitness or efficiency for any purposes for which it is used by the buyer, whether in accordance with the Directions for Use or not. Adama Australia accepts no responsibility for any consequence whatsoever resulting from the use of this product.

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