

It is an offence to use this product on animals.

**Recommendations:**

The rate of 25ml/100 litres is for high volume application to the point of run-off. For concentrate spraying, adjust dilution rates accordingly.

Application rate: 25ml/100 litres for all crops. Note recommended water rates for crops. Applications in all crops should ensure that not less than 250ml/ha are applied.		
Crop	Pest	Remarks
Citrus	Scales	Apply in 2500-3000 litres of water/ha or more if required to obtain complete coverage. Treat when scale first appears and repeat 10-14 days later. Where populations persist, re-apply at intervals not less than one month. For season long programmes, alternate Pilan 500SC with other scale materials.
Grapes	Mealy bug	Apply in a minimum of 1000 litres of water (250ml/ha minimum dose rate). Apply the first spray in mixture with 1% spraying oil at the first sign of bud movement. Make a second application without oil 14-21 days later when shoots are 10-20mm long. Do not apply after the start of flowering.
Persimmon	Mealy bug	Apply two applications at 10-14 days between green tip and bloom. Use sufficient water to obtain complete plant coverage.
Tamarillo	Whitefly	Apply after pruning and before fruit set. Re-apply no sooner than 28 day intervals when whitefly adults exceed 20 per leaf. Alternate with other whitefly materials to control adults.

**IT IS AN OFFENCE for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.**

**Withholding periods:**  
 Tamarillo – 7 days  
 Citrus – 14 days  
 Grapes – Do not apply after the start of flowering  
 Persimmons – Do not apply after the first flower buds have opened

**WARNING**  
KEEP OUT OF REACH OF CHILDREN

# Pilan® 500SC

For the control of Scales in Citrus, Mealy bug in Grapes and Persimmons and Whitefly in Tamarillos.

Active Ingredient: Contains 500g/litre buprofezin in the form of a suspension concentrate.

**GROUP 16 INSECTICIDE**

Registered pursuant to the ACVM Act 1997 No. P8056  
 See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions  
 In a transport emergency dial 111, Police or Fire Brigade.  
**For specialist advice in an emergency only call: 0800 734 607 (24 hours).**



**Net Contents: 5 litres**



**READ LABEL COMPLETELY BEFORE USE**



Approved under the HSNO Act 1996, HSR100077.  
 See [www.epa.govt.nz](http://www.epa.govt.nz) for controls.  
 HSNO Classifications: 6.1E (oral), 6.3B, 6.4A, 6.9B, 9.1D, 9.2D, 9.3C  
 Qualified Person/Contractor: Required.

**WARNING:** Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Hazardous to soil organisms. Hazardous to terrestrial vertebrates.

**SAFETY DIRECTIONS:** Keep out of reach of children. Read label before use. Do not breathe fumes, vapours or spray. Wash hands thoroughly after handling. Avoid release to the environment. Wear protective clothing. Collect Spillage.

**SAFETY DIRECTIONS:** Keep out of reach of children. Read label before use. Do not breathe fumes, vapours or spray. Wash hands thoroughly after handling. Avoid release to the environment. Wear protective clothing. Collect Spillage. When mixing or applying wear eye protection, cotton overalls buttoned to the neck and wrist, gloves made of a chemically resistant material such as rubber, polyethylene or polyvinyl chloride and waterproof boots. Do not eat, drink or smoke while using. Remove protective clothing immediately after handling this product and wash hands and face before meals and after work. Do not apply directly into or onto water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

**EQUIPMENT:** Apply using calibrated and maintained equipment in accordance with the NZ Standard for the Management of Agrichemicals (NZS8409).

**STORAGE:** Store locked up in the original, unopened container in a cool, dry place, out of direct sunlight and away from stockfeed or foodstuffs. As a Class 9 Substance with Ecotoxicity Classifications, storage must be carried out in such a manner as to prevent contamination of waterways. It is recommended that The New Zealand Standard for the Management of Agrichemicals (NZS8409) is followed. See Safety Data Sheet for further information.

**SPILLAGE:** Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely, according to local Council regulations.

**DISPOSAL:** Triple rinse empty container and add rinsate to spray tank. Triple rinsed containers should be taken to an AgRecovery collection site. Do not burn empty containers.



**FIRST AID:** : If medical advice is needed, have product container or label at hand. Get medical advice/attention if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**General Information:** Pilan 500SC is an insect growth regulator that interferes with the moulting process in the young developmental stages of mealy bug, scale and whitefly. Pilan 500SC has no effect on adults. The action of Pilan 500SC on pest populations is gradual, causing a decline in the population as each generation is affected. Pilan 500SC is suitable for use in IPM programmes as it is safe to most predators and parasites. It is also safe to bees.

**Resistance Management:** Pilan 500SC is a **GROUP 16 INSECTICIDE** with the Inhibitor of chitin biosynthesis, type 1, Homopteran mode of action. Overuse may lead to resistance in target populations. To minimise resistance, use no more than 3 applications per crop per season. Following early season use on tamarillos, alternate with other whitefly materials. Pilan 500SC may be alternated with, or mixed with conventional insecticides.

**Compatibility:** Pilan 500SC is compatible with most commonly used fungicides and insecticides. Do not mix with strongly alkaline materials such as Bordeaux mixture or lime sulphur.

**Mixing:** Add the required amount of Pilan 500SC directly into the partially-filled spray tank with agitator operating. Maintain agitation during application.

**Registered to and Distributed by:** Adria New Zealand Limited. P.O. Box 535, 407 State Highway 16 Kumeu, Auckland. Ph: 09 412 9817. [www.adria.nz](http://www.adria.nz)



**Safety Data Sheet:** A copy of the Safety Datasheet can be obtained from Adria Crop Protection. Call 09-412 9817 or visit: [www.adria.nz](http://www.adria.nz)

**Notice to Buyer:** Careful tests have proved that the product is suitable for the recommended purposes when used in accordance with our instructions. However, since storage and use of product are beyond our control, we do not therefore accept any liability for damage or loss of efficacy which may result from the use of this product, whether used in accordance with the directions or not. We are liable for a consistent quality of the product, but the risk of its storage and use is not borne by us.

**Batch No. and Manufacturing Date:** See on packaging

**UN3082; CLASS 9, PG III, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BUPROFEZIN).**  
 Do not carry this product on a passenger service vehicle.