

# CAUTION

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

## Quali-pro<sup>®</sup> Prophecy

### Miticide

ACTIVE CONSTITUENT: **500 g/L CLOFENTEZINE**

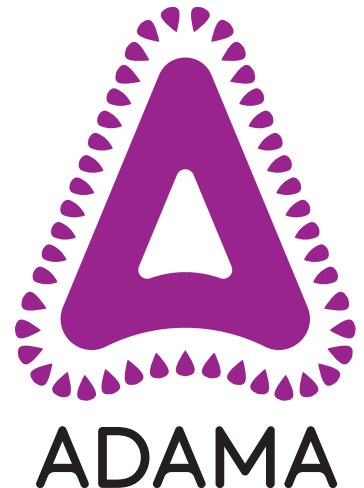
**GROUP 10A INSECTICIDE**

**Situation:** Couch Turf, Ornamentals

**Controls:** Couch Mite, Twospotted Mite as per the Directions for Use table

Formulation type  
Suspension  
Concentrate

**SC**



[adama.com](http://adama.com)

CONTENTS: 1 L – 20 L

#### DIRECTIONS FOR USE

##### RESTRAINTS

- DO NOT apply by aircraft.
- DO NOT apply more than 2 sprays per season in turf.
- DO NOT apply more than 1 spray per season in ornamentals.
- DO NOT apply if rainfall is imminent. The effect of this product could be diminished if rain falls within 6 hours of application.
- DO NOT apply through any type of irrigation system or ultra-low volume spray system.
- DO NOT graze treated turf or lawn; or feed turf or lawn clippings from any treated area to poultry or livestock.

##### SPRAY DRIFT RESTRAINTS

- DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour, as measured at the application site.
- DO NOT apply during surface temperature inversion conditions at the application site.
- DO NOT direct the spray above trees or vines during airblast applications.
- TURN OFF outward pointing nozzles at row ends and outer rows during airblast applications.

Users of this product **MUST** make an accurate written record of the details of each spray application within 24 hours following application, and must **KEEP** this record for at least 2 years. The spray application details that must be recorded are:

1. date with start and finish times of application
2. location address and paddock(s) sprayed
3. full name of this product
4. amount of product used per hectare and number of hectares applied to
5. crop or situation and weed or pest
6. wind speed and direction during application
7. air temperature and relative humidity during application
8. nozzle brand, type, spray angle, nozzle capacity and spray system pressure measured during application
9. name and address of person applying this product. (Additional record details may be required by the state or territory where this product is used.)

SITUATION	PESTS	RATE	CRITICAL COMMENTS
<b>Couch Turf</b> including but not limited to golf greens, tees and fairways, bowling greens, sports fields and racetracks	Couch Mite ( <i>Aceria cynodoniensis</i> )	500 mL/ha	Apply QUALI-PRO® PROPHECY in an early curative situation (after first symptoms are apparent). Best results are achieved if applied as populations begin to build rather than at the peak of population growth. OR Apply in a tank mix with the registered rate of a knockdown miticide when there are significant number of mites present, but before the infestation reaches an economically damaging level. Apply a maximum of 2 sprays, 10-14 days apart. DO NOT apply two consecutive sprays of QUALI-PRO® PROPHECY unless mixed with a knockdown miticide e.g. abamectin.
<b>Ornamentals</b>	Twospotted Mite ( <i>Tetranychus urticae</i> )	30 mL/100 L in a tank mix with the registered rate of a knockdown miticide	Apply this tank mix when there are significant numbers of motile mites present but before infestation reaches an economically damaging level. DO NOT use this product until careful checking of mites/predators indicates that control measures are necessary. DO NOT apply this product, or the ovicide hexythiazox more than once per year as over-use will lead to mite resistance.

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

#### GENERAL INSTRUCTIONS

QUALI-PRO® PROPHECY has contact action and long residual activity. It acts primarily by interfering with mite growth during the final stages of embryonic, and early stages of larval development.

#### INTEGRATED PEST MANAGEMENT

This product has no deleterious effect on predatory mites and may be used in an Integrated Pest Management program.

#### MIXING

Use only clean spraying equipment in good condition. Half fill the spray tank with clean water and commence agitation. Add the required quantity of product directly to the water, then add mixing partner and complete filling to the final volume.

Spray immediately and maintain agitation throughout.

DO NOT allow spray mixture to remain in the tank overnight or for long periods without agitation.

#### APPLICATION

##### Turf

Apply by ground boom sprayer, low pressure hand wand or hand gun sprayer. To be effective QUALI-PRO® PROPHECY requires thorough spray coverage. Ensure that equipment is properly calibrated to give an even distribution at the correct volume.

Application volume should be adequate to ensure thorough and even coverage of turf leaves with penetration into the crowns. Total application volume should be 300 to 500 L/ha. Use coarse droplets (e.g. Air Induction flat fan 025 to 04 nozzles). In higher cut turf (>15 mm) a significant spray shielding effect can occur, impacting negatively on spray penetration and even coverage at low application volumes.

##### Ornamentals

Use adequate water to ensure thorough coverage of plants depending on spray equipment used and growth stage.

#### COMPATIBILITY

As formulations of other manufacturers products are beyond the control of Adama, all mixtures should be tested before addition to a spray tank and before application to turf or ornamentals to establish safety. QUALI-PRO® PROPHECY is compatible with SORCERER®. Compatibility to abamectin based products has been tested successfully in field situations.

#### INSECTICIDE RESISTANCE WARNING

For insecticide resistance

management QUALI-PRO® PROPHECY Miticide is a Group 10A insecticide. Some naturally occurring mite biotypes resistant to QUALI-PRO® PROPHECY and other Group 10A

insecticides may exist through normal genetic variability in any mite population. The resistant individuals can eventually dominate the mite population if QUALI-PRO® PROPHECY or other Group 10A insecticides are used repeatedly. The effectiveness of QUALI-PRO® PROPHECY on resistant individuals could be significantly reduced. Since the occurrence of resistant individuals is difficult to detect prior to use, Adama Australia accepts no liability for any losses that may result from the failure of QUALI-PRO® PROPHECY to control resistant mites.

It has been confirmed by sampling and bio-assay that strains of Twospotted Mite resistant to clofentezine, the active constituent of QUALI-PRO® PROPHECY, and hexythiazox, have developed and established in certain rose plantations in Australia. It is thus probable that strains of Twospotted Mite resistant to clofentezine and hexythiazox have developed and are established in other ornamental plantations in Australia.

SINCE STRAINS OF MITE RESISTANT TO CLOFENTEZINE AND HEXYTHIAZOX CANNOT BE ADEQUATELY CONTROLLED WITH QUALI-PRO® PROPHECY, the buyer of this product or agents or advisers of the buyer should not use or direct that this product be used for the control of mites known or suspected to be resistant to either clofentezine or hexythiazox.

In the event that QUALI-PRO® PROPHECY or mixtures containing QUALI-PRO® PROPHECY are found by the buyer or agents or advisers of the buyer to be ineffective in controlling mites, the buyer or agents or advisers of the buyer should immediately advise Adama Australia and should seek advice concerning effective miticides.

#### RESISTANCE MANAGEMENT

To delay the development of mites resistant to clofentezine and hexythiazox (e.g. Calibre<sup>†</sup>) users of this product are requested to limit the total number of applications to ONE per season in ornamentals and TWO per season in turf. DO NOT apply two consecutive applications of QUALI-PRO® PROPHECY in turf, unless tank mixed with a knockdown miticide. It is recommended that QUALI-PRO® PROPHECY be applied in a tank-mix with a registered knockdown miticide as a resistance management strategy.

#### RE-ENTRY PERIOD

DO NOT allow entry to treated areas until the product has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow length chemical resistant gloves.

## **PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS**

While the product is generally safe on ornamental species, always spray several plants initially to ensure that no damage or flower staining occurs.

**DRIFT WARNING - DO NOT** apply under weather conditions or from spraying equipment which could be expected to cause spray to drift onto adjacent, crops, crop lands, pastures or livestock.

## **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

**DO NOT** contaminate wetlands or watercourses with this product or used containers.

## **STORAGE AND DISPOSAL**

Store in the closed, original container in a cool, well ventilated area. **DO NOT** store for prolonged periods in direct sunlight.

The container can be recycled if it is clean, dry, free of visible residues and has the *drumMUSTER* logo visible. Triple-rinse container for disposal. Dispose of rinsate or any undiluted chemical according to state legislative requirements.

Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any *drumMUSTER* collection or similar container management program site. The cap should not be replaced, but may be taken separately. If not recycling, break, crush, or puncture and deliver empty packaging 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 eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. When opening the container and preparing spray wear elbow length chemical resistant gloves. If applying by spraying equipment carried on the back of the user wear elbow length chemical resistant gloves. Wash hands after use.

## **FIRST AID**

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

## **SDS**

Additional information is listed in the safety data sheet (SDS). A safety data sheet for QUALI-PRO® PROPHECY is available from adama.com or call Customer Service on 1800 423 262.

**CONDITIONS OF SALE:** The use of QUALI-PRO® PROPHECY Insecticide 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 purpose for which it is used by the buyer, whether in accordance with the directions or not and Adama Australia accepts no responsibility for any consequence whatsoever resulting from the use of this product.

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