

# POISON

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

# Wizard® 36

## Miticide/Insecticide

ACTIVE CONSTITUENT: **36 g/L ABAMECTIN**

**GROUP 6 INSECTICIDE**

Crops: Adzuki bean, Mung bean, Navy bean, Cotton, Soybean.

Controls: A range of mite and insect pests as specified in the Directions for Use table.



# ADAMA

Formulation type  
Emulsifiable  
Concentrate



adama.com

CONTENTS: 500 mL to 1000 L

### DIRECTIONS FOR USE RESTRAINTS

DO NOT use if rainfall is expected before spray has dried as reduced efficacy may result.  
DO NOT overhead irrigate within 24 hours of application.  
DO NOT make more than two applications to cotton per season, regardless of pest being controlled.  
DO NOT apply to cotton under visible stress.

SITUATION	PEST	RATE	CRITICAL COMMENTS
Adzuki beans, mung beans and navy beans	Two spotted mite ( <i>Tetranychus urticae</i> ), Bean or onion thrips ( <i>Thrips tabaci</i> )	150 mL/ha	Monitor crops regularly and apply as soon as threshold mite or thrips numbers have been reached. Best results will be achieved when spray is applied to low mite or thrips populations. Application to high populations may not give satisfactory control. Thorough coverage of foliage is essential. For aerial spraying, apply in a minimum water volume of 20 L/ha producing a medium droplet size. For ground application, apply using a boom spray with inter-row droppers in a minimum water volume of 100 L/ha. Apply a maximum two (2) foliar applications per crop, with a minimum re-treatment interval of 7 to 10 days between applications.
Cotton	Two Spotted Mite ( <i>Tetranychus urticae</i> ), Carmine Mite ( <i>Tetranychus cinnabarinus</i> )	150 mL/ha	Apply to actively growing crops. Thorough coverage is essential. Monitor crops regularly and apply as the threshold mite number for your area has been reached. Best results will be obtained when applied to low mite populations. Apply a maximum of 2 applications per season. Application to high populations may not give satisfactory control. Under these conditions a second miticide application 7 to 10 days later may be needed.
Cotton (NSW and Qld only)	Native Budworm ( <i>Helicoverpa punctigera</i> ) Bollworm ( <i>Helicoverpa armigera</i> )	150 or 300 mL/ha	Apply to actively growing crops. Thorough coverage is essential. Use the low rate only when the population comprises less than 10% <i>Helicoverpa armigera</i> . Use the higher rate alone or the lower rate with a suitable mixing partner. Larvae feeding within bolls may not be controlled. Applications should target brown eggs and newly emerged larvae (neonates). DO NOT apply more than twice in one season for <i>Helicoverpa</i> control.
Soybeans	Two Spotted Mite ( <i>Tetranychus urticae</i> )	150 mL/ha	Apply to actively growing crops. Thorough coverage is essential. Monitor crops regularly and apply as soon as there are 10 mites per leaf. Best results will be obtained when applied to low mite populations. Application to high populations may not give satisfactory control. Under these conditions a second application 7-10 days later may be needed. DO NOT apply more than 2 sprays per season.

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

## WITHHOLDING PERIODS:

### Harvest

Adzuki beans, mung beans and navy beans, soybeans:

**DO NOT HARVEST FOR 28 DAYS AFTER APPLICATION.**

### Cotton:

**DO NOT HARVEST FOR 20 DAYS AFTER APPLICATION**

### Grazing

Adzuki beans, mung beans and navy beans, soybeans:

**DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 28 DAYS AFTER APPLICATION.**

### Cotton:

**DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 20 DAYS AFTER APPLICATION.**

**OBSERVE RESTRAINTS AND RESTRICTIONS FOR TANK MIX PRODUCTS.**

## TRADE ADVICE:

Export of treated produce: Growers should note that maximum residue limits (MRLs) or import tolerances may not exist in all markets for all edible produce treated with abamectin. If you are growing edible produce for export, please check with Adama representative for the latest information on MRLs and import tolerances before using abamectin prior to application.

## GENERAL INSTRUCTIONS

WIZARD® 36 is an insecticide and acaricide with contact and stomach action. WIZARD® 36 has limited plant systemic activity but exhibits translaminar movement. Good spray coverage is essential. WIZARD® 36 is translocated into leaves and remains for several weeks offering limited residual control of sucking mites and other target pests. Abamectin that is not absorbed into plants is quickly degraded.

### Mixing

Measure the required amount of WIZARD® 36, add to the partly filled spray tank and then add the remainder of the water. Wetting agent is not required.

**Application Instructions for Cotton and Soybeans:** Apply by ground spraying equipment in a minimum spray volume of 100 L/ha or by fixed wing aircraft in a minimum volume of 20 L/ha. Good coverage is essential.

## COMPATIBILITY

Refer to ADAMA compatibility guide for more information.

## INSECTICIDE RESISTANCE WARNING

For insecticide resistance management WIZARD® 36 is a Group 6 insecticide. Some naturally occurring insect biotypes resistant to WIZARD® 36 and other Group 6 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if WIZARD® 36 or other Group 6 insecticides are used repeatedly. The effectiveness of WIZARD® 36 on resistant individuals could be significantly reduced. Since the occurrence of resistant insects is difficult to detect prior to use, Adama Australia accepts no liability for any losses that may result from the failure of WIZARD® 36 to control resistant insects.

WIZARD® 36 may be subject to specific resistance management strategies. For further information reference relevant industry guide, crop life website or contact your Adama representative.

## CROP SPECIFIC RESISTANCE STRATEGY

Experience has shown that repeated use of one particular miticide or insecticides from the same chemical group can lead to the early development of mite resistance to that miticide or chemical group. Therefore, WIZARD® 36 should not be applied more than the following number of times per season/crop: Cotton: Two sprays per crop if two-spotted mites and for *Helicoverpa* alone; In addition, WIZARD® 36 should not be applied in two consecutive seasons without an unrelated chemical being used in between. Alternate WIZARD® 36 with approved miticides from other chemical groups. Consult your chemical supplier or technical consultant for advice on chemical groups.

**In cotton:** The use of WIZARD® 36 should be in accordance with anti-resistance guidelines mentioned in "Cotton Pest Management Guide".

## CROP MONITORING

Effective control depends on regular monitoring of crops. Check crops regularly (every 3-5 days) during the season.

## PRECAUTION

### Re-Entry Period

DO NOT allow entry into treated areas until the 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 use. Do not allow re-entry into treated areas in glasshouses for 24 hours after treatment.

### General Safety Precautions

Do not use human flaggers/markers unless they are protected by engineering controls such as enclosed cabs.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Do not apply under weather conditions or from spraying equipment that may cause spray to drift from the target area. Dangerous to fish and other water-borne organisms. Do not contaminate streams, rivers or waterways with the chemical or used containers. Dangerous to bees. Do not spray any plants in flower while bees are foraging. Studies indicate that when abamectin comes into contact with soil it readily and tightly binds to the soil and becomes inactive over time.

**Cotton only:** A strategy to minimize spray drift should be employed at all times when applying sprays as outlined in the cotton industries Best Management Practices.

## STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT use this container for any other purpose.

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 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.

**1000 L:** Empty contents fully into application equipment. Close all valves and return to point of supply or other designated collection point for refill or storage. This container remains the property of Adama Australia.

## SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. When opening the container and preparing the product for use and using the product, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length chemical resistant gloves, goggles and half-facepiece respirator. If applying the product by spraying equipment carried on the back of the user wear cotton overalls over normal clothing buttoned to the neck and wrist and a washable hat and elbow length chemical resistant gloves and a half facepiece respirator.

Wash hands after each day's use. Wash gloves, respirator (if rubber wash with detergent and warm water), face shield or goggles and contaminated clothing.

## FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126. If swallowed, do NOT induce vomiting. If in eyes, wash out immediately with water.

## SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet (SDS). A safety data sheet for WIZARD® 36 is available at adama.com. Call Customer Service on 1800 423 262.

**CONDITIONS OF SALE:** The use of WIZARD® 36 Miticide/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.

® Registered trademark of an Adama Group Company

\* Other Trademarks

11/2021 22931