



**GROUP 4A INSECTICIDE**

**Active Constituent:** 250g/L Thiamethoxam  
**Poison Schedule:** 5  
**APVMA Approval No:** 85516



Eligible containers  
5L

For the control of African Black Beetle and Billbug in turf

**Pack Size:**  
5L (4 x 5L per carton)

**Dangerous Goods Class:**  
Not classified as a dangerous good under the Australian Code for Transport and Storage of Dangerous Goods in Australia.

---

**DIRECTIONS FOR USE**

RESTRAINTS • DO NOT apply aerially.  
DO NOT apply if heavy rain is forecast.

**- DIRECTIONS FOR USE TABLE STARTS ON NEXT PAGE -**



CROP	PEST	RATE	CRITICAL COMMENTS
Turf, lawns	1st instar larvae of African Black Beetle ( <i>Heteronychus arator</i> )	800mL to 1.2L/ha in at least 500L water per ha	Apply prior to or at peak egg hatch, mid spring to early summer, or when small larvae are present. Ensure product placement as close to soil surface as possible. Total application volume should not be lower than 500 L/ha. For best results use extremely coarse droplets [Turbo Floodjet* (TF5) or TurfJet* (TTJ10)]. Preferably spray onto wet or dewy grass. Irrigate with 6 to 12 mm of water commencing within 1 hour of application.
	Larvae of Billbug ( <i>Sphenophorus brunnipennis</i> )		Monitor adult activity through late spring and early summer. Spray when numbers peak or when small larvae (4 mm) are found in the thatch or surface soil. Early application is essential to minimise grass damage due to feeding. Use the higher rate when pest pressure is high or 2nd instar larvae are present. Ensure product placement as close to soil surface as possible. Total application volume should not be lower than 500 L/ha. For best results use extremely coarse droplets [Turbo Floodjet* (TF5) or TurfJet* (TTJ10)]. Preferably spray onto wet or dewy grass. Irrigate with 6 to 12 mm of water commencing within 1 hour of application.

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



## **WITHHOLDING PERIODS**

**DO NOT GRAZE TREATED TURF/LAWN OR FEED TURF/LAWN CLIPPINGS FROM ANY TREATED AREA TO POULTRY OR LIVESTOCK**

## **GENERAL INSTRUCTIONS**

### **Application**

To be effective Moxam Insecticide requires to be placed as close to the soil surface as possible. Ensure that equipment is properly calibrated to give an even distribution at the correct volume. Apply in a minimum of 500 L water/ha. For best results use extremely coarse droplets [Turbo Floodjet\* (TF5) or TurfJet\* (TTJ10)].

### **Mixing**

Add the required amount of Moxam Insecticide to clean water in half-filled spray tank with the agitator or by-pass in operation. Maintain agitation while filling tank with remainder of water. Agitate whilst spraying.

### **Compatibility**

As formulations of other manufacturer's products are beyond the control of Colin Campbell (Chemicals) Pty Ltd, and water quality varies with location, all mixtures should be tested prior to mixing commercial quantities.

**GROUP 4A INSECTICIDE**

### **Fungicide Resistance Warning**

For insecticide resistance management Moxam is a Group 4A insecticide. Some naturally occurring insect biotypes resistant to Moxam and other Group 4 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Moxam or other Group 4 insecticides are used repeatedly. The effectiveness of Moxam Insecticide on resistant individuals could be significantly reduced. Since the occurrence of resistant insects is difficult to detect prior to use, Colin Campbell (Chemicals) Pty Ltd accepts no liability for any losses that may result from the failure of Moxam Insecticide to control resistant insects. For further information contact your supplier, Colin Campbell (Chemicals) Pty Ltd representative or local agricultural department agronomist.

## **PRECAUTIONS**

### **Re-entry Period**

DO NOT enter 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's use.

## **PROTECTION OF PROTECTION OF LIVESTOCK**

Dangerous to bees. DO NOT spray any plants in flower while bees are foraging. DO NOT graze treated lawn/turf, or feed turf/lawn clippings from any treated area to poultry or livestock.

## **PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND THE ENVIRONMENT**

Toxic to certain aquatic invertebrates. DO NOT apply under weather conditions, or from spraying equipment, that may cause spray drift onto adjacent areas, particularly wetlands, water-bodies or watercourses. DO NOT contaminate streams, rivers or waterways with the product or used containers.

## **STORAGE, SPILLAGE AND DISPOSAL**

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Triple or preferably pressure 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.



## **SAFETY DIRECTIONS**

May irritate the eyes. Avoid contact with the eyes. When opening the container and preparing the product for use, wear cotton overalls buttoned to the neck and wrist as well as elbow-length chemical resistant gloves. If applying by spraying equipment carried on the back of the user, wear cotton overalls over normal clothing, buttoned to the neck and wrist, a washable hat, elbow-length chemical resistant gloves and a half facepiece respirator. After each day's use, wash gloves and respirator and, if rubber, wash with detergent and warm water, and contaminated clothing

## **Additional hazard and precautionary statement required by WHS**

Harmful if swallowed. May be harmful in contact with skin. May be harmful if inhaled.

If medical advice is needed, have product container or label at hand.

Do not handle until all safety precautions have been read and understood. Avoid breathing fumes, mists, vapours or spray. Do not eat drink or smoke when using this product. In case of inadequate ventilation wear respiratory protection.

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

IF ON SKIN : Wash with plenty of soap and water.

IF INHALED : Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists : Get medical advice.

**FIRST AID** – If poisoning occurs, contact a doctor or Poisons Information Centre, Phone Australia 13 11 26.

**SAFETY DATA SHEET** – For further information, refer to the Safety Data Sheet. A copy can be obtained from the website : [www.campbellchemicals.com.au](http://www.campbellchemicals.com.au)

**CONDITIONS OF SALE:** Agricultural, horticultural and pastoral preparations in their application involve varying factors such as differing conditions, soil, climate and methods of application over which Colin Campbell (Chemicals) Pty Ltd (Company) does not have control. Whilst the Company believes that all goods sold by it are true to label and are effective and safe for the purpose indicated, the Company expressly excludes all conditions, guarantees and warranties, whether express, implied, statutory or otherwise, relating in any way to the goods and accepts no responsibility for any loss, harm or damage whatsoever suffered from the use of the goods for any purpose or purposes. Notwithstanding the foregoing, where any legislation implies any condition, guarantee or warranty (each, a Statutory Guarantee) and that legislation prohibits provisions excluding, restricting or modifying the application of, the exercise of a right conferred by or liability under such Statutory Guarantee, such Statutory Guarantee shall not be excluded. However the Company's liability for any breach of such Statutory Guarantee shall, if permitted by that legislation, be limited at the Company's option to the replacement of the goods or the supply of equivalent goods, or the payment of the cost of replacing the goods or of acquiring equivalent goods.

**THIS PRODUCT IS NOT A DANGEROUS GOOD FOR TRANSPORT AND STORAGE IN AUSTRALIA.**

APVMA Approval No: 85516

®Moxam is a registered trademark of Colin Campbell (Chemicals) Pty Ltd