

# POISON

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

## Pyrinex<sup>®</sup> Super

### Insecticide/Miticide

ACTIVE CONSTITUENTS:

**400 g/L CHLORPYRIFOS**

(an anti-cholinesterase compound)

**20 g/L BIFENTHRIN**

SOLVENT: 471 g/L LIQUID HYDROCARBON

GROUP **1B/3A** INSECTICIDE

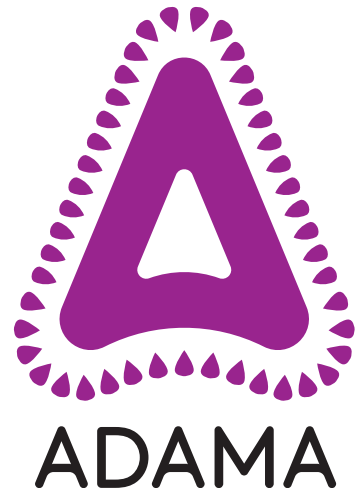
For the control of certain insect pests in lucerne seed crops as per the directions for use table.

THIS PRODUCT IS TOO HAZARDOUS FOR USE BY HOUSEHOLDERS.

Formulation type

Emulsifiable  
Concentrate

**EC**



adama.com

CONTENTS: 1 - 1000 L

#### DIRECTIONS FOR USE

##### RESTRAINTS

**DO NOT** use in areas accessible to children.

**DO NOT** apply by aircraft.

**DO NOT** apply if heavy rains or storms are forecast within 3 days.

**DO NOT** irrigate to the point of field runoff for at least 3 days after application.

##### SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at [apvma.gov.au/spraydrift](http://apvma.gov.au/spraydrift).

**DO NOT** allow bystanders to come into contact with the spray cloud.

**DO NOT** apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The advisory buffer zones in the relevant buffer zone table/s below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

**DO NOT** apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

**DO NOT** apply if there are surface temperature inversion conditions present at the application site during the time of application. These conditions exist most evenings 1 to 2 hours before sunset and persist until 1 to 2 hours after sunrise.

**DO NOT** apply by a boom sprayer unless the following requirements are met:

- spray droplets not smaller than a MEDIUM spray droplet size category
- minimum distances between the application site and downwind sensitive areas (see 'Mandatory downwind buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed.

##### Buffer zones for boom sprayers

Application rate	Boom height above the target canopy	Mandatory downwind buffer zones (metres)				
		Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Up to 325 mL	0.5 m or lower	5	240	0	0	0

CROP	PEST	RATE	CRITICAL COMMENTS
Lucerne seed crops	Bluegreen Aphid	250 mL to 325 mL/ha	DO NOT treat lucerne seed crops for alfalfa sprout production. Spray when aphids first appear. <b>Seedling lucerne, medics:</b> Apply when 1-2 aphids/plant are observed. DO NOT apply once side shoots start to appear (BBCH $\geq$ 20). When a large number of aphids are invading the crop, use of this product may not result in full control of pests. DO NOT use on established lucerne. DO NOT apply more than once per year. Apply in minimum 100 L water per ha.
	Spotted Alfalfa Aphid		
	Pea Aphid		
	Lucerne Flea	175 mL to 325 mL/ha	Spray when pests appear in large numbers. Avoid spraying when pests are sheltering. Spray when at least 2.5 cm cover of crop is present. DO NOT spray if rain is imminent. For heavier infestations, use of this product may not result in full control of pests. DO NOT apply more than once per year.

**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 OR CUT FOR STOCK FOOD FOR 28 DAYS AFTER APPLICATION.**

#### TRADE ADVICE

**Livestock Destined for Export Markets:** The label withholding periods for grazing only apply to stock slaughtered for the domestic market. Some export markets apply different standards. To meet these standards, ensure that the ESI is observed before stock are sold or slaughtered.

#### EXPORT SLAUGHTER INTERVALS (ESIs)

**Grazing animals:** Grazing animals that have been grazing on or fed treated crops should be placed on clean feed for 21 days prior to slaughter for export.

**Pigs:** Pigs that have been fed treated crops should be placed on clean feed for 14 days prior to slaughter for export.

#### INSECTICIDE RESISTANCE WARNING

For insecticide resistance management PYRINEX<sup>®</sup> SUPER is both a Group 1B and a Group 3A insecticide.

Some naturally occurring insect biotypes resistant to PYRINEX<sup>®</sup> SUPER and other Group 1B and 3A

insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if PYRINEX<sup>®</sup> SUPER or other Group 1B or 3A insecticides are used repeatedly. The effectiveness of PYRINEX<sup>®</sup> SUPER 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 PYRINEX<sup>®</sup> SUPER to control resistant insects.

PYRINEX<sup>®</sup> SUPER may be subject to specific resistance management strategies. For further information contact your local supplier, Adama Australia representative or local agricultural department agronomist.

GROUP	<b>1B/3A</b>	INSECTICIDE
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#### GENERAL INSTRUCTIONS

PYRINEX<sup>®</sup> SUPER is a contact and residual insecticide/miticide. It can be used as a protective treatment when applied at regular intervals or as a knockdown treatment to control existing pests. Best results are obtained when PYRINEX<sup>®</sup> SUPER is applied before pest populations build up to damaging levels.

#### APPLICATION

The application volume of 50 – 200 L/ha is suggested for application to lucerne seed crops.

#### MIXING

Add the required amount of product slowly to water in the spray tank whilst stirring or agitating. Agitate mixture during spraying.

#### SMALL SPILL MANAGEMENT

For small spill management, refer to instructions listed in the Safety Data Sheet.

#### PRECAUTIONS

##### RE-ENTRY PERIOD

DO NOT enter treated crops for 2 days after treatment for scouting or for 8 days after treatment for irrigation (hand set). When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be washed after each day's use.

These re-entry intervals do not apply if crops are treated pre-emergence or product is applied to soil at seed planting.

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

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.

Toxic to birds and wild mammals. However, the use of this product as directed is not expected to have adverse effects on birds or wild mammals.

### PROTECTION OF HONEY BEES AND OTHER INSECT POLLINATORS

Highly toxic to bees. To protect bees and pollinating insects, DO NOT apply when flowering plants or weeds are present. DO NOT use where bees are actively foraging. Before spraying, notify beekeepers to move hives to a safe location with an untreated source of nectar and pollen, if there is potential for managed hives to be affected by the spray.

### INTEGRATED PEST MANAGEMENT

Toxic to beneficial arthropods. Not compatible with integrated pest management (IPM) programs utilising beneficial arthropods. Minimise spray drift to reduce harmful effects on beneficial arthropods in non-crop areas.

### STORAGE AND DISPOSAL

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

#### *Refillable containers:*

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

#### *Non-refillable metal or plastic containers:*

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 or unused product to an approved waste management facility. If an approved waste management facility is not available, dispose of empty container or unused product in compliance with relevant local, state or territory government regulations. DO NOT burn empty containers or product.

#### *Envirodrums:*

DO NOT tamper with the Micro Matic valve or the security seal. DO NOT contaminate the drum with any water or any other foreign matter. After each use, ensure the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the drum have been used, return empty drum to the point of purchase.

### SAFETY DIRECTIONS

Product is poisonous if inhaled or swallowed. Will irritate the eyes. May irritate the skin. Repeated minor exposure may have a cumulative poisoning effect. Facial skin contact may cause temporary facial numbness. Avoid contact with eyes and skin. Do not inhale vapour or spray mist. When using together with other products, consult their safety directions. When opening the container and preparing the spray, wear cotton overalls, over normal clothing, buttoned to the neck and wrist and a washable hat, elbow-length chemical resistant gloves, goggles and half facepiece respirator. When using the prepared spray wear cotton overalls, over normal clothing, buttoned to the neck and wrist. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, goggles, respirator, and if rubber wash with detergent and warm water, 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 swallowed, splashed on skin or in eyes, or inhaled, contact a Poisons Information Centre (Phone Australia 131126) or a doctor at once. Remove any contaminated clothing and wash skin thoroughly. Give atropine if instructed. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

Breathing vapour or spray mist is harmful and may cause an asthma-like reaction.

**WARNING** – Contains chlorpyrifos, excessive exposure to which may temporarily interfere with vision and the ability to safely operate machinery.

### SAFETY DATA SHEET

Additional information is listed in the safety data sheet (SDS). A Safety Data Sheet for PYRINEX® SUPER is available from adama.com or call customer service on 1800 423 262.

**CONDITIONS OF SALE:** The use of Pyrinex® Super Insecticide/Miticide 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 from the use of this product.

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**UN No. 3018**  
**ORGANOPHOSPHORUS**  
**PESTICIDES, LIQUID,**  
**TOXIC PACKAGING**  
**GROUP III**  
**HAZCHEM GROUP 2X**

