

CAUTION

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

Uptown[®]

Insecticide

ACTIVE CONSTITUENT: **440 g/L BUPROFEZIN**

GROUP

16

INSECTICIDE

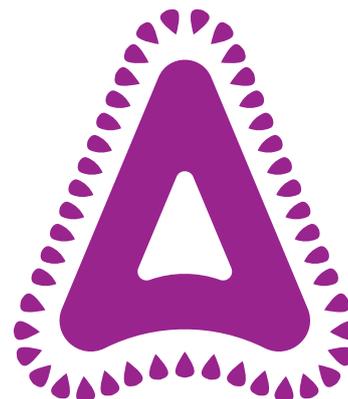
Crops: Citrus, custard apples, grapes, mangoes,
passionfruit, pears and persimmons

Controls or suppresses: Jassids/leafhoppers, mealybugs
and scale as per the Directions for Use tables

Formulation type

Suspension
Concentrate

SC



ADAMA

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CONTENTS: 1 - 20 L

DIRECTIONS FOR USE

RESTRAINTS

DO NOT apply by air
DO NOT apply more than twice per year in any crop.
DO NOT apply if heavy rains or storms are forecast within 3 days.
DO NOT irrigate to the point of runoff from treated fields for at least 3 days after application.
Wine grapes: DO NOT apply later than 80% capfall.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in the section of the label can be found at 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 buffer zones in the buffer zone table 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 away from these sensitive areas.

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

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

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

- Spray is not directed above the target canopy.
- The outside of the sprayer is turned off when turning at the end of rows and when spraying the outer row on each side of the application site.
- For dilute water rates up to the maximum listed for each type of canopy specified, minimum distances between the application site and downwind sensitive areas (see 'Mandatory downwind buffer zones' of the following table titled 'Buffer zones for vertical sprayers') are observed.

Buffer zones for vertical sprayers

Type of target canopy	Mandatory downwind buffer zones				
	Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
2 metres tall and smaller, maximum dilute water rate of 1000 L/ha	0 metres	0 metres	0 metres	0 metres	0 metres
taller than 2 metres (not fully-foliated), maximum dilute water rate of 2000 L/ha	0 metres	15 metres	0 metres	0 metres	0 metres
taller than 2 metres (fully-foliated), maximum dilute water rate of 2000 L/ha	0 metres	5 metres	0 metres	0 metres	0 metres
Taller than 2 metres (not fully-foliated), maximum dilute water rate of 12,000 L/ha	0 metres	25 metres	0 metres	0 metres	10 metres
Taller than 2 metres (fully-foliated), maximum dilute water rate of 12,000 L/ha	0 metres	20 metres	0 metres	0 metres	0 metres

Tree and vine crops

Apply by dilute or concentrate spraying equipment. In the following table, all rates given are for dilute spraying. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. For concentrate spraying refer to "concentrate spraying" section.

CROP	PEST	RATE / 100 L WATER	CRITICAL COMMENTS
Citrus including: Oranges Lemons Mandarins Grapefruit Limes	Red scale, White louse scale, Longtailed mealybug, Citrus mealybug, Citrophilous mealybug	30 to 60 mL	Scales: Apply when there is heavy crawler emergence, particularly in late Summer. Where the infestation is severe, a second application may be required 14 to 28 days later. UPTOWN® works best in an integrated pest management (IPM) programme where parasites such as <i>Aphytis</i> spp. are active. Mealybugs: Apply if thresholds are exceeded in Spring-Summer. Repeat after 21 to 28 days if necessary. Rate: Use the high rate when heavy infestations of the pests occur and/or where IPM systems have not effectively managed populations.
	Jassids (leafhoppers)	30 mL	Apply when thresholds are exceeded in January and again in February if required. Apply when juvenile stages predominate.
Custard apples	Mealybugs, Scale insects	30 to 60 mL	Apply a maximum of two sprays per season, 21 days apart, as a high volume cover spray to run-off using air blast or high volume hydraulic nozzles.
Grapes	Longtailed mealybug Tuber mealybug	60 mL	For best results, use UPTOWN® as part of a season long monitoring and spray program. Monitor crops from budburst and apply UPTOWN® when crop monitoring indicates the first onset of crawler release. DO NOT target UPTOWN® applications on mealybug or scale populations that are well-established where mature adult insects dominate the population. After application, continue monitoring crops. If additional insecticide treatments are required, apply a second UPTOWN® spray after a minimum spray interval of 14 days. Mealybug Use the higher rate when pest pressure is moderate to high. Grapevine scale UPTOWN® can be used to reduce grapevine scale pressure when used as part of a spray program. For optimum scale suppression, a second insecticide application should be made no less than 14 days after the initial application. Application Apply UPTOWN® as a dilute (high volume spray) to the point of runoff. Concentrate spraying is not recommended for mealybug or scale as good coverage is crucial for control.
	Grapevine scale (suppression only)		
Mangoes	Mango scale	60 mL	Monitor scales and apply when the majority of crawlers have emerged. This usually coincides with tree flushing after harvest and in spring when fruit are 1.5 - 2.0 cm across. A repeat application within 14 - 28 days may be necessary. DO NOT use mineral oils as fruit blotching may occur.
Passionfruit	Mealybugs, Scale insects	30 to 60 mL	Apply a maximum of two sprays per season, 21 days apart when significant pest infestations develop. Apply as a high volume cover spray to run-off using air blast or high volume hydraulic nozzles.
Pears	Longtailed mealybug		Apply twice, 10 to 14 days apart between swollen bud and the end of flowering in sufficient volume to ensure the bark is soaked, with thorough coverage to the point of run-off. Use the high rate when heavy infestations occur and/or where IPM systems have not effectively managed pest populations, particularly under harsh environmental conditions.
Persimmons	Mealybugs, scale insects	60 mL	Apply a maximum of two sprays per season, 14 days apart. Apply when the first batch of Scale or Mealybug crawlers occur after Winter.

NOTE: To optimize control of mealybugs in most crops it is critical to time treatment to coincide with the first emergence of crawlers. **If it is intended to release *Cryptolaemus* ladybeetles as part of an IPM system, the last application of UPTOWN® should be made no later than 60 days before the anticipated release date.**

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

WITHHOLDING PERIODS

HARVEST

Passionfruit:
Custard apple:
Citrus, mango & persimmon:
Pears & table grapes:

DO NOT HARVEST FOR 1 DAY AFTER APPLICATION
DO NOT HARVEST FOR 2 WEEKS AFTER APPLICATION
DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION
DO NOT HARVEST FOR 8 WEEKS AFTER APPLICATION

Wine grapes:

NOT REQUIRED when used as directed (i.e. DO NOT apply UPTOWN® after 80% capfall).

EXPORT TRADE ADVICE

Crops such as table grapes grown for export may require a longer interval before harvest to comply with residue standards of importing countries. Please check with your exporter before using UPTOWN®.

GENERAL INSTRUCTIONS

MIXING/APPLICATION

Prior to pouring, shake container vigorously, then add the required quantity of UPTOWN® INSECTICIDE to water in the spray vat while stirring or with agitators in motion.

Dilute Spraying

- Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the stage of growth of crop being sprayed.
- Calibrate and operate the sprayer to achieve even coverage throughout the crop canopy.
- Apply sufficient water to cover the crop to the point of run-off. Avoid excessive run-off.
- The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or specialist advice.

Add the amount of product specified in the Directions for Use table for each 100 L of water. Spray to the point of run-off.

- The required dilute spray volume, sprayer calibration and operation may all need to be changed, as the crop grows.

Concentrate Spraying

- Use a sprayer designed and calibrated for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of run-off) and matched to the stage of crop being sprayed.
- Calibrate and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume.
- Determine an appropriate dilute spray volume (See Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate.
- The mixing rate for concentrate spraying can then be calculated in the following way:

Example only

1. Dilute spray volume as determined above: For example, 1500 L/ha
 2. Your chosen concentrate spray volume: For example, 500 L/ha
 3. The concentration factor in this example is: $3 \times$ (i.e. $1500 \text{ L} \div 500 \text{ L} = 3$)
 4. If the dilute label rate is 100 g/100 L, then the concentrate rate becomes 3×100 , that is 300 g/100 L of concentrate spray.
- The chosen spray volume, amount of product per 100 L of water, and the sprayer set up and operation may need to be changed as the crop grows.
 - For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

Application Instructions: Citrus Only

Apply UPTOWN® in sufficient water to ensure complete wetting of all surfaces.

Oscillating booms

A spray volume of 7,000 to 12,000 L water/ha should be used for trees up to 5 m high. To optimize control the following application procedures are recommended:

- | | |
|---------------------|---|
| a) ground speed | 2.3 to 2.75 km/h |
| b) pump pressure | 3000 to 5000 kPa |
| c) oscillation rate | 90-110 oscillations per minute |
| d) spray pattern | adjacent cones marrying at about 1.75 m (i.e. narrow cone angle, but the maximum angle consistent with good tree penetration) |
| e) agitation | 1 large paddle per 500 L; paddles should clear the bottom of the vat by about 10 mm and should have the same orientation |
| f) boom set | set angle of top to match tree size |

Airblast sprayers

Airblast sprayers may be used for control of jassids/leafhoppers but are less suitable for control of scales and mealy bugs. For jassid control, use spray volumes of approximately 5000 L/ha.

COMPATIBILITY

UPTOWN® is compatible with Dithane¹ Rainshield¹ NeoTec¹ Fungicide and a number of other agricultural chemicals commonly used on the same crops. Please contact your supplier or company representative for further information on compatibility. UPTOWN® is not compatible with Sacoa BioPest¹ Oil or with products that are highly alkaline or highly acidic.

CLEANING SPRAY EQUIPMENT

After using UPTOWN®, empty the tank completely and drain the whole system. Thoroughly wash inside the tank using a pressure hose, drain the tank and clean all filters in the tank, pump, lines and nozzles. After cleaning the tank and filters as above, quarter fill the tank with clean water and circulate through the pumps, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice. Rinse water should be discharged onto a designated disposal area, or if this is unavailable, onto unused land away from plants and water courses.

INSECTICIDE RESISTANCE WARNING

For insecticide resistance management UPTOWN® is a Group 16 insecticide.

GROUP	16	INSECTICIDE
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Some naturally occurring insect biotypes resistant to UPTOWN® and other Group 16 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if UPTOWN® or other Group 16 insecticides are used repeatedly. The effectiveness of UPTOWN® on resistant individuals could be significantly reduced. Since 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 UPTOWN® to control resistant insects. UPTOWN® may be subject to specific resistance management strategies. For further information contact your local supplier, Adama representative or local agricultural department agronomist.

PRECAUTION

RE-ENTRY PERIOD

DO NOT enter treated areas without protective clothing until the spray has dried. If prior entry is necessary wear 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 LIVESTOCK

DO NOT allow stock to graze grasses or weeds under treated trees.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

INTEGRATED PEST MANAGEMENT

UPTOWN® at label rates of 30 - 60 mL/100 L water has been demonstrated to be safe to a range of predatory and beneficial insects including bumblebees and honeybees, parasitoid wasps such as *Aphytis lignanensis*, *Leptomastix dactylopi* and *Encarsia* spp., predatory mites such as *Phytoseiulus persimilis* and *Typhlodromus occidentalis* and the Green Lacewing (*Mallada signatus*). UPTOWN® has no significant effect on adult ladybeetles but is known to be toxic to early instars of *Cryptolaemus montrouzieri*, *Chilocorus circumdatus* and *Harmonia conformis*. UPTOWN® may also affect egg hatch of these species for 2 - 3 weeks after application.

STORAGE AND DISPOSAL

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

drumMUSTER containers: This 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 by adding to the spray tank. DO NOT dispose of undiluted chemicals on site. 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 site. The cap should not be replaced but may be taken separately.

Other 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 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 regulation. DO NOT burn empty containers or product.

SMALL SPILL MANAGEMENT

Wear protective equipment (see Safety Directions). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. When absorption is completed, sweep up material and contain in a refuse vessel for disposal (see Storage and Disposal section). If necessary wash the spill area with an alkali detergent and water and absorb the wash liquid for disposal as described above.

SAFETY DIRECTIONS

Will irritate the eyes. Avoid contact with eyes. When opening the container, preparing spray and using the prepared spray, wear cotton overalls, over normal clothing, buttoned to the neck and wrist, a washable hat and elbow-length chemical resistant gloves. If applying by boom spray equipment (closed cab), wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). Wash hands after use. After each day's use, wash gloves, and contaminated clothing.

FIRST AID INSTRUCTIONS

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 UPTOWN® is available from adama.com or call Customer Service on 1800 423 262.

CONDITIONS OF SALE: The use of UPTOWN® 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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† Other trademark

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