



Uptown®

Product Overview

UPTOWN® insecticide has activity on members of the Hemiptera family including scales, mealybugs, leafhoppers and whiteflies. UPTOWN® is selective on almost all key beneficial species including no direct effect on bees; low impact on predatory mites and parasitoid wasps. UPTOWN® has a low impact on adult lady beetles however is known to be toxic to nymph stages including 3 weeks residual impact.

- Active: 440 g/L Buprofezin in a Suspension Concentrate (SC) formulation
- Group: 16 – Inhibitors of chitin biosynthesis, type 1, Homopteran growth regulation
- The activity of UPTOWN® is specific to the Hemiptera family, sub-group Homoptera with no activity on Lepidoptera (caterpillars and moths) or Diptera (flies) families
- UPTOWN® is non-systemic therefore good coverage of the pest and plant is essential
- UPTOWN® insect intoxication occurs via direct contact and ingestion
- The control of hard to kill sucking pests and selectivity to most beneficial insects makes UPTOWN® an important component of an IPM program
- Pack sizes Q1 2018 – 1 L, 10 L.



Mode of Action

GROUP	16	INSECTICIDE
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Target pests

- For the control of Mealybugs (*Phenacoccus solenopsis*)
- UPTOWN® provides mealybug suppression in cotton targeting small nymphs while providing a 'soft' profile against key mealybug predators i.e. lacewings, lady beetles and parasitoids. In glass house trials it was noted that the initial knockdown effect of buprofezin on mealybugs wasn't as significant as other insecticide options, however numbers of small nymphs continued to decline 14 DAT
- Damage to host plants from mealybugs may include damage from feeding with plants exhibiting symptoms of yellowing, stunting, twisted growth, defoliation and plant death. Indirect damage may occur from reduced photosynthetic capacity as a result of sooty mould growth on honeydew excreted by the mealybugs. The excretion of honeydew and growth of sooty mould may also impact lint quality and potentially harm the reputation of Australian cotton globally
- UPTOWN® has known activity on Silver Leaf Whitefly, however no permits or registrations exist for this use in cotton.

Positioning Statement

The approval via permit in NSW of UPTOWN® will assist in managing the growing threat of Mealybug (*Phenacoccus solenopsis*) in cotton. Application supported by the industry IPM guidelines will aim to reduce the economic impact of the pest on the Australian cotton industry.

Standard Recommendation

Cotton – Mealy bug (*Phenacoccus solenopsis*) 1 L/ha

Application

Rainfast when dry.

- Good coverage and increased water rates are essential, especially under adverse conditions, such as hot, dry weather and/or dense canopy
- Apply as a foliar spray using aerial, knapsack or ground boom spray
- DO NOT apply more than 2 sprays per crop and allow a minimum retreatment interval of 10 days between sprays
- Ground application - apply in a water volume of 100 - 450 L/ha
- Aerial application - apply in a minimum water volume of 30 - 50 L/ha.

Features and Benefits

Features	Benefits
Selective on almost all key beneficial species including no direct effect on bees	IPM friendly, wider and more flexible window of application
Unique Mode of Action	Supports resistance management
Permit (PER84127) for use in cotton to control mealy bugs	Mealy bugs specialist product to control potential direct and indirect damage to yield and quality
Low degradation by UV light	Good longevity and persistence on target plant surfaces
Low solubility	Superior rainfastness. UPTOWN® will not wash-off easily once the spray deposit has dried
Very low toxicity	User friendly; No re-entry limitations (once the sprat deposit has dried)

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 UPTOWN®
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