



canopy®

Tech Note



Canopy® is a patented, paraffinic spray oil you should use as a core part of your cotton IPM program. With registrations for the suppression of silverleaf whitefly, cotton aphids and green mirids, no resistance risks and a very soft rating against beneficials, some Canopy® in every spray you apply early season will go a long way to staving off late season outbreaks.

Features

- Very high pesticidal activity with superior leaf coverage and persistence.
- Works in combination with beneficials to restore ecological balance.
- Unique UV absorber additive protects against phytotoxicity.
- Very heavy, highly paraffinic, efficacious nC27 oil.
- Formulated with food-grade, biodegradable, phyto-safe emulsifiers and a UV absorber.
- Officially rated as very soft on the Beneficial Disruption Index (BDI).
- Reduces droplet rebound and allows longer on-leaf persistence.
- Excellent wetting and spreading characteristics maximise leaf coverage.
- Works by blocking pest respiratory systems.
- Acts as an ovipositional (egg laying) deterrent.
- Emulsifies readily in water for superior tank dispersion.

Benefits

- Now a year round product, with uses through spring and summer in cotton pest control, autumn in cotton defoliation and winter in cereal weed control
- Reduces chemical carryover after the season (what you don't use up controlling pests early season you can use at the end of the season for defoliation or weed control).
- Leaves you with fewer drums to store and dispose of
- Soft on beneficials.
- Ideal IPM (Integrated Pest Management) component.
- Can be used all season as it is not restricted by the Insecticide Resistance Management Strategy (IRMS).
- Multiple uses simplifies inventory and reduces chemical carryover from season to season.
- No persistent environmental residues.
- Economical and easy to use.



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Recommended Applications

Control of cotton pests

Canopy® has been proven effective in replicated field trials in Emerald, St. George, the Darling Downs and the Macintyre, Gwydir, Macquarie and the lower and upper Namoi valleys. No other spray oil has been tested as much as Canopy® with trials performed by CCA¹ members, QDAFF², NSW DPI³ and ACRI⁴.

Canopy® is ideal for use in early season IPM programs, in the presence of beneficial insect populations, for effective control of silverleaf whitefly, aphids and mirids. Suitable for both conventional and genetically modified cotton varieties, such as Bollgard II and Roundup Ready.

Insecticide mixtures

Canopy® is not restricted by the IRMS⁵ which means it can be used in combination with other insecticides to add as much as 40% extra efficacy to their performance. Canopy® enhances insecticide robustness and broadens the pest pressure range across which they can be used, without further harming beneficials.

Defoliant aid

Canopy®'s performance as a defoliant aid is as robust at 0.5 L/ha as most other defoliant aids are at 2 L/ha. That's excellent performance at 1/4 the rate, which means you will spend about half as much compared with most other spray oils. Canopy® is compatible with Dropp®, Prep® and Finish® and is approved by Bayer CropScience for mixing with Dropp®.

Herbicide adjuvant

Canopy® is a very effective adjuvant of selective grass herbicides commonly used in broadacre crop management, at the same rates

as Hasten. It may be used wherever mineral or seed based oils are recommended unless omission of mineral oils is specified. Canopy® is compatible with a wide range of herbicides including: clethodim, haloxyfop P (methyl), quizalofop-p-ethyl, clodinafop-propargyl cloquintocet-mexyl.

Key Characteristics

Registered in: Cotton against *Helicoverpa* spp., Silverleaf whitefly, cotton aphids and green mirids

Herbicide adjuvant: use at 0.5 to 1.0L/ha with selective herbicides

Defoliant aid: use at 0.5L/ha with thidiazuron defoliants

Active constituent: 792g/L nC27 paraffinic petroleum oil

Appearance: pale straw coloured liquid

APVMA Registration: 60215

Equivalent n-paraffin median carbon number: C27

Unsulphonated residue, effective % UR: 98

Viscosity, cSt at 40°C: 28

Pack Sizes

Bulk, 1000L, 205L, 20L

Refer to product label for full mixing and application instructions.

¹CCA

Crop Consultants Australia.

²QDAFF

Queensland Department of Employment, Economic Development and Innovation.

³NSW DPI

NSW Department of Industry and Investment.

⁴ACRI

Australian Cotton Research Institute.

⁵IRMS

Insecticide Resistance Management Strategy.



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