



PERMIT TO ALLOW MINOR USE OF AN AGVET CHEMICAL PRODUCT

**FOR CONTROL OF SELECTED LEPIDOPTERAN AND SOIL-DWELLING INSECT
PESTS IN NURSERY STOCK (NON-FOOD)**

PERMIT NUMBER – PER85010

This permit is issued to the Permit Holder in response to an application granted by the APVMA under section 112 of the Agricultural and Veterinary Chemicals Code, scheduled to the *Agricultural and Veterinary Chemicals Code Act 1994* (the Agvet Code) of the jurisdictions set out below. This permit allows a person, as stipulated below, to use the product in the manner specified in this permit in the designated jurisdictions. This permit also allows any person to claim that the product can be used in the manner specified in this permit.

THIS PERMIT IS IN FORCE FROM: 1 FEBRUARY 2018 to 28 FEBRUARY 2023

Permit Holder:

NURSERY AND GARDEN INDUSTRY AUSTRALIA LIMITED
c/- AGAWARE CONSULTING PTY LTD
21 Rosella Avenue
STRATHFIELDSAYE VIC 3551

Persons who can use the product under this permit:

Persons generally.

CONDITIONS OF USE

Product to be used:

SPINNER TURF INSECTICIDE [APVMA No. 66637]

Containing: 200 g/kg CYANTRANILIPROLE plus 200 g/kg THIAMETHOXAM as the only active constituents.

Directions for Use:

Restraints:

DO NOT use on vegetable¹ and herb seedlings.

DO NOT use on fruit trees that will bear fruit within 12 months of treatment.

Situation	Target Insect Pests	Rate
NURSERY STOCK (NON-FOOD) seedling & plugs, potted colour, trees and shrubs, foliage plants, palms and grasses and FRUIT TREES (NON-BEARING)	African black beetle larvae (<i>Heteronychus</i> spp.) Scarab beetle larvae (<i>Phyllophaga</i> spp.) Chafer beetle larvae (<i>Cyclocephala</i> spp.) Stem weevil larvae (<i>Listronotus</i> spp.)	1 kg product / ha OR 100 g product / 100 L
	Armyworms (<i>Spodoptera</i> spp.) Cutworms (<i>Agrotis</i> spp.)	500 g product / ha OR 50 g product / 100 L

Critical Use Comments:

Foliar application: Lepidopteran pests (armyworms and cutworms)

- Apply initial spray treatment when pest thresholds are reached.
- Continue to monitor pest levels and make a subsequent application as necessary.
- Apply a maximum two (2) treatments per crop, with minimum 14 days between successive sprays.
- Apply using sufficient water volume to ensure thorough coverage of all plant foliage.
- Apply using calibrated air-blast sprayer, air-shear sprayer, boom sprayer, back-pack mister, hand-lance or equivalent equipment.
- Follow all label recommendations and restrictions.

Soil drench application: Coleopteran pests (larvae of African black beetle, scarab beetle, chaffer beetle and stem weevil)

- Apply initial treatment when economic action levels for a target pest are reached.
- Continue to monitor pest levels and make a subsequent application as necessary.
- Apply a maximum two (2) treatments per crop, with minimum 14 days between successive treatments.
- Apply as a soil drench treatment, using a water volume of 700 - 1,000 L per hectare, ensuring the product is placed as close to the soil surface as possible. Preferably spray onto wet soil and irrigate after 1 hour.
- Use appropriate calibrated equipment to achieve uniform coverage of the soil surface.
- Follow all label recommendations and restrictions.

1. Seedlings of fruiting vegetables, excluding cucurbits, can be treated under this permit as this crop type has approved label use in production situations.

Protection of Honey Bees and other Insect Pollinators

- DO NOT apply this product while bees are foraging in the crop to be treated. *Spinner Turf Insecticide* is highly toxic to bees and will kill bees directly exposed through contact during spraying and while spray droplets are wet on the foliage.

Jurisdiction:

ALL STATES except VIC.

Note: Victoria is not included in this permit as their *Control-of-Use* legislation means that an APVMA permit is not required to legalise this off-label use in that state.

Additional Conditions:

This PERMIT provides for the use of a product in a manner other than specified on the approved label of the product. Unless otherwise stated in this permit, the use of the product must be in accordance with instructions on its label.

PERSONS who wish to prepare for use and/or use products for the purposes specified in this permit must read, or have read to them, the DETAILS and CONDITIONS of this permit.

Safety Directions – use within protected cropping situations

There is a risk of increased exposure to fine mist spray during application of the diluent within protected production situations (e.g. greenhouses, glasshouses and plastic tunnels). It is recommended that the following additional PPE be observed in addition to label directions when applying a foliar spray treatment within enclosed situations:

When using the dilute product, wear cotton overalls buttoned to the neck and wrist, chemical resistant gloves, protective face shield or goggles and disposable (mist) mask. Protective clothing should also be worn when re-entering the treated area prior to the spray drying (refer Re-entry Period on the product label). Wash hands after use. After each day's use, wash contaminated clothing, gloves and face shield/goggles.

To Avoid Crop Damage

Nursery stock is not known to be sensitive to *Spinner Turf Insecticide* when used in accordance with the application rate, conditions of use and other cautionary statements listed on this permit and the product label. However, the large number of disparate crop lines produced in commercial nurseries means that the insecticide product has not been fully evaluated for crop safety on all species, or in all situations where treatment may be undertaken. Users must treat a sample number of plants or a small area prior to whole crop treatment and monitor any phytotoxic effects that will compromise production goals. Discontinue applications when any adverse symptoms post-treatment are observed.

Insecticide Resistance Management

Use *Spinner Turf Insecticide* in accordance with existing Insecticide Resistance Management Strategies (refer *Insecticide Resistance Warning* on product label and CropLife Australia – Resistance Management: Insecticides) and in accordance with best practice.

Issued by the Australian Pesticides and Veterinary Medicines Authority