



PERMIT TO ALLOW MINOR USE OF AN AGVET CHEMICAL PRODUCT

**FOR CONTROL OF GREEN VEGETABLE BUG AND RED BANDED SHIELD BUG
IN MUNG BEANS, NAVY BEANS AND SOYA BEANS**

PERMIT NUMBER - 86221

This permit is issued to the Permit Holder in response to an application granted by the APVMA under section 112 of the Agvet Codes 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 27 AUGUST 2018 to 31 AUGUST 2021

Permit Holder:

PULSE AUSTRALIA LIMITED
30 Coronga Street
KILLARA NSW 2071

Persons who can use the product under this permit:

Persons generally.

CONDITIONS OF USE

Product to be used:

SUMITOMO SHIELD SYSTEMIC INSECTICIDE [APVMA No. 60689]
Containing: 200 g/L CLOTHIANIDIN as their only active constituent.

Directions for Use:

Crop Type	Insect Pest	Target Rate
MUNG BEANS NAVY BEANS	Redbanded shield bug (<i>Piezodorus oceanicus</i>) Green vegetable bug (<i>Nezara viridula</i>)	125-375 mL product / ha Plus MAXX Organosilicone Surfactant™ at 2 mL per L of water
SOYA BEANS Excluding Haymaker variety		125-250 mL product / ha Plus MAXX Organosilicone Surfactant™ at 2 mL per L of water

Critical Use Comments:

- *Mung beans & Navy beans*: Monitor crops and commence applications once local thresholds are reached. Continue to monitor crops.
- *Soya beans*: Commence treatment at early pod fill when surveys indicate pest population is at a damaging level. Continue to monitor crops.
- Apply a maximum two (2) foliar treatments per crop with a minimum re-treatment interval of 7 days between consecutive applications.
- Use the higher rate when heavy infestation is expected and longer control is required. Treated insects may still be on the crop 2 – 3 days after application; however, they will have ceased feeding.
- Apply as a foliar spray via boom sprayer or equivalent equipment, or via aerial methods.
- Apply using minimum spray volumes of 100 L/ha for ground application and 30 L/ha for aerial methods.
- DO NOT apply to crops when in flower.
- Observe all *Spray Drift Restraints* and *Mandatory No-Spray Zones* on the product label. A strategy to minimise spray drift should be employed at all times when aerially applying sprays to, or near, sensitive areas.
- Effective control of insect pests requires an integrated approach. Refer to CropLife Australia *Insecticide Resistance Management Strategies*¹.

Withholding Period:

Harvest: DO NOT harvest for 21 DAYS after application.
Grazing: DO NOT graze or cut for livestock feed.

Jurisdiction:

NSW and QLD only.

1. <https://www.croplife.org.au/resources/programs/resistance-management/2017-insecticide-resistance-management-strategies-3/>

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.

Protection of Honey Bees

Dangerous to bees and will kill bees foraging in the treated crop to be treated or in hives which are over-sprayed or reached by spray drift, and residues may remain toxic to bees for several days after application.

To Avoid Crop Damage

The sensitivity of some species and varieties of the crops to be treated under this permit has not been fully evaluated. It is advisable to only treat a small number of plants or a small area of the crop to ascertain any phytotoxic reaction before treating the whole crop.

Residues & Export of Produce

To allow produce from treated plants to be supplied or otherwise made available for consumption, the APVMA has established a temporary Maximum Residue Limit (TMRL) for Clothianidin on Mung bean (dry) and Navy bean (dry) of T0.1 mg/kg and Soya bean (dry) of T0.02 mg/kg. These temporary limits only apply to produce marketed and consumed within Australia. If clothianidin treated produce is to be exported, due account should be taken into tolerance limits of importing countries and any residues must not exceed those tolerance limits.

Issued by the Australian Pesticides and Veterinary Medicines Authority