



**Australian Pesticides &  
Veterinary Medicines Authority**

## **PERMIT TO ALLOW MINOR USE OF AN AGVET CHEMICAL PRODUCT**

**PERMIT NUMBER -PER8543**

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 28 SEPTEMBER 2005 to 1 SEPTEMBER 2010.**

**Permit Holder:**

**PULSE AUSTRALIA**

**Level 3**

**100 New South Head Road**

**EDGECLIFF NSW 2027**

**Persons who can use the product under this permit:**

Persons generally.

### **CONDITIONS OF USE**

**Product to be used:**

GEMSTAR LC BIOLOGICAL INSECTICIDE

GEMSTAR HELICOVERPA MANAGEMENT THROUGH BIOSCIENCE BIOLOGICAL INSECTICIDE

AND ANY OTHER PRODUCTS CONTAINING: 2000 MOBs/mL NUCLEAR

POLYHEDROSIS VIRUS OF HELICOVERPA ZEA as their only active constituent.

VIVUS BIOLOGICAL INSECTICIDE

VIVUS GOLD HELICOVERPA BIOCONTROL

AND ANY OTHER PRODUCTS CONTAINING: 2 Bpib/mL NUCLEAR POLYHEDROSIS

VIRUS OF HELICOVERPA ARMIGERA as their only active constituent.

**Directions for Use:**

<b>Crop</b>	<b>Pest</b>	<b>Rate</b>
Adzuki beans ( <i>Vigna angularis</i> ) and Cowpeas ( <i>Vigna unguiculata</i> )	Native budworm ( <i>Helicoverpa punctigera</i> ) and Cotton bollworm ( <i>Helicoverpa armigera</i> )	375 mL/ha

**Critical Use Comments:**

- Apply at hatching of larvae as required. NPV is most effective on larvae up to 13mm in length.
- NPV will provide 60-90% control, therefore should not be solely relied on for pest control but used as a part of a whole management program.
- Apply by air or ground rig. Thorough coverage is essential.
- Apply with hydraulic nozzles on boom sprays and concentrate spray on plant foliage so that thorough coverage is achieved.
- Apply in the late evening or at night for optimum results.

**Withholding Period:**

NOT REQUIRED WHEN USED AS DIRECTED

**Jurisdiction:**

ALL States except Victoria

(Note: Victoria is not included in this permit because their 'control-of-use' legislation means that a permit is not required to legalise this off-label use in VIC).

**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.

Issued by

Delegated Officer