



Australian Government
**Australian Pesticides and
Veterinary Medicines Authority**

**PERMIT TO ALLOW EMERGENCY USE OF A REGISTERED AGVET CHEMICAL
PRODUCT FOR CONTROL OF FALL ARMYWORM IN PIGEON PEA REFUGE CROPS**

PERMIT NUMBER – PER89311

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 the Permit Holder and any person stipulated below to claim that the product can be used in the manner specified in this permit.

THIS PERMIT IS IN FORCE FROM 20 APRIL 2020 TO 30 APRIL 2023

Permit Holder:

COTTON AUSTRALIA LTD
Suite 4.01, 247 Coward Street
MASCOT NSW 2020

Persons who can use the product under this permit:

Persons generally.

CONDITIONS OF USE

Products to be used:

STEWARD EC INSECTICIDE (APVMA No. 59573)

PLUS OTHER REGISTERED PRODUCTS

Containing: 150 g/L INDOXACARB as the only active constituent.

RESTRAINT:

DO NOT apply if rain is expected within 2 hours of application, or if heavy dew is present on crops.

DO NOT apply when wind speed is less than 3 and greater than 20 kilometres per hour or during weather conditions when surface temperature inversions can develop.

DO NOT apply within 50 m (aerial application) or 20 m (ground application) when there are livestock, pasture or any land that is producing feed for livestock downwind from the application area.

Directions for Use:

Crop	Pest	Rate
Pigeon Pea	Fall Armyworm (<i>Spodoptera frugiperda</i>)	400 mL/ha

Critical Use Comments:

- Regularly scout crops to monitor for eggs and larvae. Target brown eggs and hatchling (neonates or first instar) to small larvae (second instar) when they reach the economic spray threshold and before they become entrenched in flowers and pods.
- Apply by boomspray or aircraft.
- Use a minimum spray volume of 100 L/ha for ground application and 30 L/ha for aerial application.
- DO NOT apply more than 1 application per crop.
- The Resistance Management Plan (RMP) for Bollgard 3 states “*If the viability of an unsprayed refuge is at risk due to early or late season pressure by Helicoverpa, or any other caterpillar species, contact Monsanto Australia immediately. With prior approval from Monsanto Australia, a non-Bt heliocide can be applied.*” Prior to application of indoxacarb under this permit, prior approval from Monsanto Australia is required.
- DO NOT apply after 31 December in the Northern growing regions (Belyando, Callide, Central Highlands, Dawson) or after 31 January in the Central and Southern regions (Balonne, Bourke, Darling Downs, Gwydir, Lachlan, Upper & Lower Namoi, MacIntyre, Macquarie, Murrumbidgee, Murray).
- In the event later control is required (post Dec 31 or Jan 31), emamectin can be applied all season under the cotton industry Insecticide Resistance Management Strategy and PER89300, providing no more than two applications of emamectin are applied per season.
- Comply with the ‘Precautions’ and ‘Protections’ statements on the product label.
- Refer to the Insecticide Resistance Management statement on the product label.

Withholding Period:

Harvest: Do not harvest for 21 days after application.

Grazing: Do not graze or cut for stock food for 21 days after application.

Jurisdiction:

All States and Territories, except VIC.

Note: Victoria is not included in this permit, as their Control-of-Use legislation means a permit is not required to legalise this off-label use in that State.

Additional Conditions:

This permit allows for the use of a product in a manner specified on the permit. 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. Unless otherwise stated, the use of the product must be in accordance with the product label.

To Avoid Crop Damage

The sensitivity of the crop to be treated under this permit has not been fully evaluated. It is advisable to only treat a small area to ascertain the reaction before treating the whole crop.

Export of treated produce

Maximum Residue Limits (MRLs) have been established to allow treated produce to be used for human and animal consumption. An MRL has been established for INDOXACARB in PULSES and LEGUME ANIMAL FEEDS. MRLs can be found in the *Agricultural and Veterinary Chemicals Code Instrument No. 4 (MRL Standard)*. MRLs apply only to produce marketed and consumed in Australia. If treated produce is to be exported, residues must not exceed the limits/tolerances of the importing country.

Issued by the Australian Pesticides and Veterinary Medicines Authority