



## Indox 15SC

**The prime choice against  
Lepidoptera and Thrips!**

### Active Ingredient:

Indoxacarb 150 gr/lit

### Advantages of Indox 15SC™

- Low toxicity to non-target organisms (birds, fish, plants)
- Low application rates
- Low pest resistance potential
- Compatibility with Integrated Pest Management (IPM) practices

### Indox 15SC™ Main Characteristics

- Control of Lepidoptera and sucking insects on a wide range of crops
- Novel mode of action
- Acts as both contact and stomach insecticide with a good residual activity
- Important new tool in resistance management programs
- Reduced Risk and Organophosphate (OP) Alternative Pesticide (EPA-USA)
- No phytotoxicity

Indox 15SC™ belongs to a new class of insecticides. Indox 15SC™ has excellent efficacy against both Lepidoptera larvae and sucking insect pests, like Thrips. It is used primarily as a larvicide, although it is also effective against the adult and egg stages of many pest species. Indox 15SC™ is suitable for use as a foliar spray on a wide range of crops.

### Mode of Action

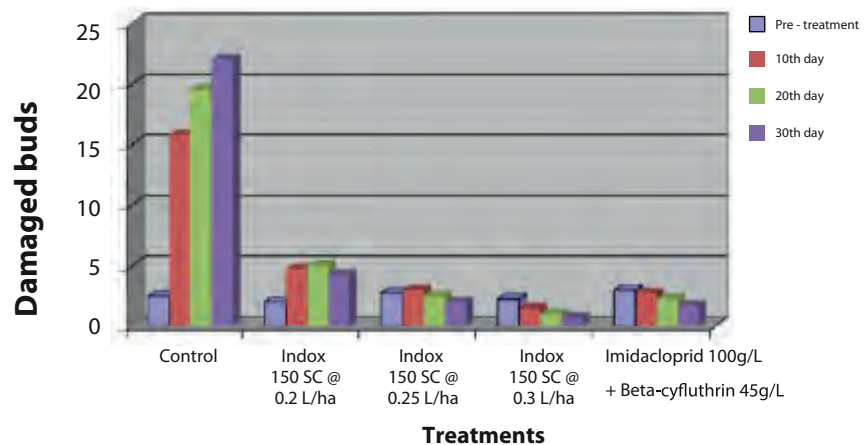
- ▷ The active ingredient of Indox 15SC™ is Indoxacarb which belongs to the Oxidiazine chemical group.
- ▷ Indox 15SC™ is in a new class of chemistry with a new mode of action. Indox 15SC™ interferes with a group of ion channels by inhibiting the flow of sodium ions into nerve cells. This flow of sodium ions is essential to nervous system functioning. Disruption of these channels causes tremors, cessation of feeding, paralysis and death of insect pests.
- ▷ The larva nourishment ceases in a short time (2-8 hours) and then it dies between 24-60 hours.
- ▷ Indox 15SC™ acts in a manner distinct from other sodium channel modulators (e.g. pyrethroids).
- ▷ Indox 15SC™ unique mode of action makes it an important new tool in resistance management programs, cross resistance to other insecticide groups is highly unlikely to occur.
- ▷ Indox 15SC™ is characterized as a "Reduced Risk and Organophosphate (OP) Alternative Pesticide" by the EPA-USA

Crop	Pest	Dosage/ha	Application Directions
Potatoes	Potato Tuber Moth (Plutella xylostella), Thrips	200-250 ml/ha	Apply in 500-1000 litres of water/ha ensuring good crop foliage cover.
Brassicas (Cabbage, Broccoli, Brussels Sprouts)	Diamondback Moth (Phthorimaea operculella), Thrips, Tuta absoluta	250 ml/ha	Apply in 300-600 litres of water/ha and ensure thorough coverage of area where larvae feed.
Peas	African Bollworm (Helicoverpa armigera)	200-250 ml/ha	Apply in 250-350 litres of water/ha and ensure thorough coverage of foliage. Start application at flowering or when eggs or small bollworm larvae are observed.
Ornamentals	Lepidoptera pests, Caterpillars, thrips	250 ml/ha	Apply in 500-1000 litres of water/ha ensuring good crop foliage cover.

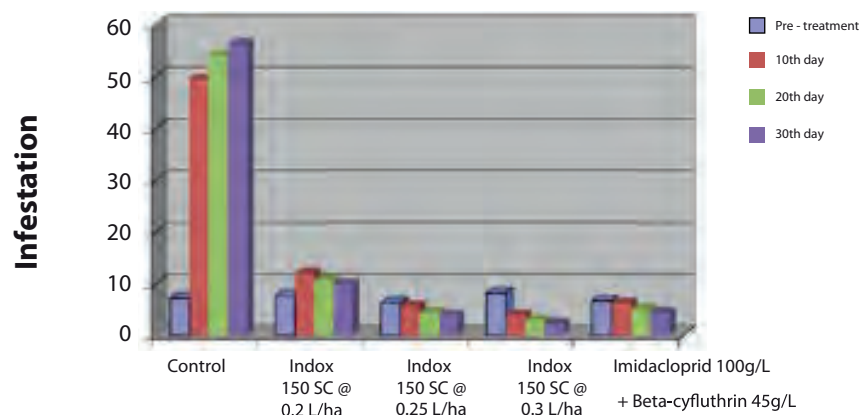
### Field Trials :

In the Netherlands (2016), Indox 150SC was extensively tried out against Helicoverpa sp. and Thrips (Frankliniella occidentalis) in greenhouse Roses. The results are depicted in the following graphs:

#### Effect of Indox 150SC™ on Helicoverpa sp. control



#### Effect of Indox 150SC™ on Thrips control (Frankliniella occidentalis)



#### Important Note:

The Indicated Crops and Recommended Rate of application on this Product informative sheet may not be applicable in country where the product is intended to be used. User must refer and use the product only as per the officially Register and approved uses by the ministry of Agriculture authorized authorities. The supplier cannot be held responsible or liable if the use of this product is preform on Crops which are not listed on the official label as approved the ministry of Agriculture authorized authorities.

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