

A suspension concentrate of a Nucleopolyhedrovirus (HearNPV) for the control of African Bollworm (*Helicoverpa armigera*) on all crops.

### WARNINGS

- May irritate skin and eyes.
- Keep out of reach of children, uninformed persons and animals.
- Virus particles are sensitive to high temperature and exposure can result in reduced efficacy. During storage, and when in transit, it is important to keep the cold chain intact. Bolldex will remain viable for at least 24 months if stored in a cold room at 4°C and indefinitely when stored in a freezer.
- Do not leave the product or mixture standing in the sun.

### PRECAUTIONS

- Avoid direct contact with eyes. In case of accidental contact immediately flush eyes with clean water.
- Avoid contact with skin, wash hands with soap after application and

### DIRECTIONS FOR USE

#### COMPATIBILITY

Bolldex contains virus particles but can be tank mixed with most pesticides as long as the pH is managed. Ensure that the final pH in the tank is in the range of 5 to 8 before the virus product is added. Tank mixing with Copper is not advisable.

#### MIXING INSTRUCTIONS

- Shake container well before use.
- Fill spray tank with half the required water volume and start agitator mechanism.
- Check the pH of the water, ensure pH is neutral (not lower than 5 or higher than 8). Add buffer if needed.
- Add the correct amount of product to the water in the tank at the recommended dose rate.
- Apply as a full cover film spray using conventional spray equipment.

#### IMPORTANT POINTS TO REMEMBER

- Due to UV sensitivity it is recommended that Bolldex is applied during the afternoon or evenings.
- Bolldex is a suspension concentrate and the occlusion bodies should be kept in suspension.
- Mixed volumes must be applied as soon as possible and not left overnight or standing in the sun.
- Do not apply incompatible pesticides with Bolldex.

before consuming food, drinking or smoking.

- Do not inhale spray mist.
- Do not eat, drink or smoke whilst mixing or applying.
- Prevent contamination of food, foodstuffs, drinking water and eating utensils.
- Clean applicator before and after use. Do not contaminate other crops, grazing, rivers, dams and areas not under treatment with wash water
- Store in original container in a dry area, away from food and feed stuffs.
- Rinse empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsing water to the contents of the spray or mixing tank. Destroy the container, and do not use empty container for any other purpose.
- Use before expiry date and as soon as possible after sealed bottle is opened.

### REGISTERED USAGES:

Crop	Rates and Volume	Remarks
All crops	Apply 200ml per ha in sufficient water to obtain proper coverage of target crop	<p>Application timing- and intervals</p> <ul style="list-style-type: none"> <li>• 1st BOLLDEX with first detection of bollworm eggs.</li> <li>• 2nd BOLLDEX application 7 -10 days after first application.</li> <li>• Continue application of BOLLDEX every 7 – 10 days as long as bollworm is present</li> </ul> <p>Application guidelines Apply through conventional application systems as described in the mixing instructions. BOLLDEX should be applied as a full cover film spray.</p>

**Disclaimer:** Although this product has been tested under a variety of conditions, the supplier does not warrant that it will be efficacious under all conditions. Because the active agent is a living organism, its action may be affected by storage, handling, climatic or soil conditions. This naturally occurring organism should not cause damage to crops, vegetation, or the environment, nor harm to man and animals. However, in the unlikely event of this happening, the supplier does not accept responsibility for any damage that may occur.

Marketed and Distributed by:



Madumbi Sustainable Agriculture (Pty) Ltd  
Postnet Suite 148, Private Bag X9118  
Pietermaritzburg 3200  
Tel. +27 (0) 86 104 5261  
support@madumbi.co.za  
www.madumbi.co.za

Manufactured by:

