

INVADER LURE™

Reg. No. / Nr L8584 Act No. 36 of 1947 / Wet Nr 36 van 1947

READ THE LABEL BEFORE USE | KEEP OUT OF REACH OF CHILDREN AND ANIMALS | STORE IN A COOL DARK PLACE

INVADER LURE™ is a wood-fibre block impregnated with an attractant for the monitoring of male African invasive fruit fly (*Bactrocera invadens*). This block must be used in the Lynfield trap provided.

Hazard Statements

Harmful if swallowed
Suspected of causing genetic defects
Suspected of causing cancer



WARNING

Precautionary Statements

Wash thoroughly after handling
Do not eat, drink, or smoke when using this product
Wear protective gloves
Dispose of contents and container (according to the description in the related regulation)

Active Ingredient(s) / Aktiewe Bestandeel(e)

Methyl eugenol / Metiel Eugenol
15g per capsule / 15g per kapsule

Net mass/volume

**1 unit /
per pack**

Netto massa/volume

FIRST AID : IF exposed or concerned: Call a POISON CENTRE or doctor / physician.

CROP	PEST	RATE/HECTARE	DIRECTIONS FOR USE
All susceptible crops surrounding vegetation and urban gardens.	African invasive fruit fly (<i>Bactrocera invadens</i>)	1 trap per 25 ha. Replace block and Dichlorvos tablet every 6 weeks.	Hang within tree canopy; on the shady side of tree; at least 1.5m above ground. Where no trees are available hang traps on stake 1.5m above ground.



REGISTRATION HOLDER / REGISTRASIEHOUER

RIVER BIOSCIENCE (PTY) LTD | REG NO. 2003/022759/07 REG NR
PO BOX 20388, Humewood, 6013 | T: +27 41 373 1409
E: admin@riverbio.com | W: www.riverbioscience.co.za

Batch No.:

:Lot Nr.

Date of Manufacture:

:Datum van Vervaardiging



Expiry Date:

:Vervaldatum

Shelf Life:

12 months from
date of manufacture

:Raklewe



PLEASE SEE FULL LABEL FOR FURTHER DETAILS

2024.09.20 v2

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WARNING

INVADER LURE™ is 'n hout vesel blok geïmpregneer met 'n lokmiddel om mannetjies van die Afrikaan indringer vrugtevlug (*Bactrocera invadens*) te monitor. Die blok moet in die bygaande Lynfield lokval wat verskaf is gebruik word.

Precautionary Statements

Wash thoroughly after handling
Do not eat, drink, or smoke when using this product

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:Raklewe



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WARNINGS

- Harmful if swallowed.
- Suspected of causing genetic defects.
- Suspected of causing cancer.
- **INVADER LURE™** must be used in conjunction with a Dichlorvos tablet (L2187) to prevent caught flies from escaping.
- Store away from and prevent contamination of food, animal feed, drinking water and eating utensils.
- **INVADER LURE™** must be kept in a cool, dark, and dry place until use. **INVADER LURE™** must be used within 12 months of manufacture or before the expiry date as indicated.

DISCLAIMER

ALTHOUGH THIS ATTRACTANT HAS BEEN EXTENSIVELY TESTED UNDER A LARGE VARIETY OF CONDITIONS, THE REGISTRATION HOLDER DOES NOT WARRANT THAT IT WILL BE EFFECTIVE UNDER ALL CONDITIONS, AS THE ACTION AND EFFECT THEREOF MIGHT BE AFFECTED BY FACTORS SUCH AS ABNORMAL CLIMATIC AND STORAGE CONDITIONS AND THE OCCURRENCE OF RESISTANCE OF THE PEST AGAINST THE REMEDY CONCERNED AS WELL AS THE METHOD, TIME, AND ACCURACY OF APPLICATION. FURTHERMORE, THE REGISTRATION HOLDER DOES NOT ACCEPT RESPONSIBILITY FOR DAMAGE TO CROPS, VEGETATION, THE ENVIRONMENT NOR HARM TO MAN OR ANIMAL. NEITHER DOES THE REGISTRATION HOLDER ACCEPT RESPONSIBILITY FOR LACK OF PERFORMANCE OF THE REMEDY CONCERNED, DUE TO FAILURE OF THE USER TO FOLLOW THE LABEL INSTRUCTIONS, NOR TO THE OCCURRENCE OF CONDITIONS WHICH COULD NOT HAVE BEEN FORESEEN IN TERMS OF THE REGISTRATION. CONSULT THE SUPPLIER IN THE EVENT OF ANY UNCERTAINTY.

PRECAUTIONS

- Wash thoroughly after handling.
- Do not eat, drink, or smoke when using this product.
- Wear protective gloves.
- Dispose of contents and container (according to the description in the related regulation).

PRECAUTIONS CONTINUED

- Wear rubber / latex gloves while handling the product.
- Do not eat, drink, or smoke whilst handling the product not before hands.
- Prevent contamination of food, feeds and drinking water.
- Do not leave used blocks in the orchard or any other place.
- Order only the number of blocks that will be used in the coming season.
- Destroy empty packaging and do not use for any other purpose.
- Destroy used blocks by burning, once removed from the orchard.

RELEVANT SUBSTANCES

Substance	CAS Number	Content (%)	Function
Methyl eugenol	93-15-2	60% - 70%	Attractant

FIRST AID

- IF exposed or concerned: Call a POISON CENTRE or doctor / physician.
- Wash with soap and water after accidental skin contact.

DIRECTIONS FOR USE - Use only as directed

INVADER LURE™ contains a highly specific attractant of natural origin, for males of several species of fruit fly, particularly of the genus *Bactrocera*. **INVADER LURE™** does not harm bees, fish, birds, beneficial insects or wildlife. **INVADER LURE™** is fully compatible with an integrated pest management programme, as it is neither harmful nor disruptive to beneficial insects and other arthropods. There are no restrictions on using **INVADER LURE™** up to the time of harvest, as **INVADER LURE™** is not directly applied to the fruit/ foliage.

READY-TO-USE ATTRACTANT

INVADER LURE™ is a ready-to-use attractant block for the monitoring of male African invasive fruit fly (*Bactrocera invadens*). **INVADER LURE™** must be used in the Lynfield trap together with a Dichlorvos-impregnated tablet.

WHEN TO USE INVADER LURE™

Once African invasive fruit flies are known to occur in an area, **INVADER LURE™** should be used throughout the year, even when trees are not bearing fruit. All susceptible crops on the entire farm must be treated using a combination of **INVADER-B-LOK™** (L8584) and protein bait treatments (refer to the *Bactrocera invadens* action plan). Treatment must continue until the African invasive has been eradicated from the area, or indefinitely, if eradication is not achieved.

APPLICATION INSTRUCTIONS

Place **INVADER LURE™** and one Dichlorvos tablet (L2187) in the Lynfield trap. Traps containing **INVADER LURE™** and Dichlorvos tablets (L2187) must be dispersed evenly at a rate of one (1) trap per 100sq. km for surveillance purposes. If the African invasive fruit fly becomes established in an area, **INVADER LURE™** and a Dichlorvos tablet (L2187) should be used in one (1) trap every 25 hectares of susceptible crop. In all cases, traps must be hung on a branch within the canopy of the tree, on the shady side of the tree, as high as possible above the ground. **INVADER LURE™** blocks and Dichlorvos tablets (L2187) must be replaced with fresh ones every six (6) weeks. **INVADER LURE™** and Dichlorvos (L2187) tablet loaded traps should also be hung in vegetation surrounding farms and in urban gardens.

RECOMMENDATIONS

PEST	CROP	RATE/HECTARE	REMARKS
African invasive fruit fly (<i>Bactrocera invadens</i>)	All susceptible crops surrounding vegetation and urban gardens.	1 trap per 25 ha. Replace block and Dichlorvos tablet every 6 weeks.	Hang within tree canopy; on the shady side of tree; at least 1.5m above ground. Where no trees are available hang traps on stake 1.5m above ground.

Dichlorvos Tablets registered by Acorn Products (L2187) containing 1.17g of Dichlorvos/ tablet can be purchased from River Bioscience.

The Lynfield trap is a plastic bucket trap for monitoring of various fruit fly species. Lynfield traps can be purchased from River Bioscience.

For more information on procedures to monitor and eradicate *Bactrocera invadens* please refer to the CRI website www.cri.co.za – SABIFF Action plan.pdf