

NoMate™ OFM

SPIRAL MATING DISRUPTION AGENT

ACTIVE CONSTITUENTS:

209.3 mg/spiral (Z)-8-DODECEN-1-YL ACETATE

13.5 mg/ spiral (E)-8-DODECEN-1-YL ACETATE

2.2 mg/ spiral (Z)-8-DODECEN-1-OL

For Control of Low Infestations of Oriental Fruit Moth (*Grapholita molesta*) in Peaches and Nectarines

GENERAL INSTRUCTIONS

CRITICAL COMMENTS

NoMate OFM will not directly control any pest other than Oriental fruit moth.

NoMate OFM should not be used in orchards with trees of widely varying height and large gaps, in small sections of orchards adjacent to large conventionally sprayed blocks or in orchard blocks of less than 500 trees or two hectares in area.

If a major source of mated female Oriental fruit moth is present adjacent to the field, migration of these moths may significantly reduce the level of control achieved. Sources are likely to be peach, nectarine, plum, apricot, cherry, almond, apple, pear, nashi or quince within 200 metres. Peach, nectarine and pear orchards treated with conventional insecticides frequently harbour large numbers of Oriental fruit moth and serve as sources of mated female Oriental fruit moths. Bulldozed fruit trees from the previous season which are hosts to Oriental fruit moth and bulk bins which contained infested fruit can also be sources of mated female Oriental fruit moth infestation in the following spring.

NoMate OFM is applied by hand by wrapping the spirals around the tree stems or branches.

Open the bag just prior to application. Place spirals within 1 m of the tops of trees and 0.5 to 1 m within the radius of the tree canopy. Apply the NoMate OFM spirals evenly throughout the treatment block. Allow for seasonal growth of the tree when deciding the position of the dispensers.

Use immediately prior to the first moth emergence in spring. Monitor moth flights in the orchard regularly using terpinyl acetate/ sugar lure pots and shoot strike assessments. The results of monitoring depend on the dimensions of the lure pots and the number of shoots inspected respectively. If Oriental fruit moth populations or shoot strikes exceed the recommended thresholds, apply an insecticide registered for control of Oriental fruit moth.

(Caution: Some registered chemicals may be ineffective due to resistance. If uncertain seek advice from your local consultants or chemical distributors). Consult Agrinova NZ Ltd or local pest control advisers regarding details of monitoring procedures and appropriate thresholds.

Treat entire orchard blocks (3 hectare minimum) with NoMate OFM and not just sections within large conventionally treated orchards. In small blocks,

apply 4 spirals per tree (assuming trees at standard spacing) around the perimeter row, to assist in maintaining an adequate concentration of pheromone in the air. Conventionally treated orchards frequently serve as sources of mated females. If a major source of mated female Oriental fruit moth is present adjacent to the orchard, migration of these moths may significantly reduce the level of control achieved.

While adjacent conventionally sprayed crops are likely to be sources of mated female moths, it is important to take measures to prevent invasion of the NoMate OFM treated crop.

Either:

Over-treat all potential infestation sources within 200 metres of the NoMate OFM-treated area with NoMate OFM (e.g. a strip at least 50 metres wide on the side of the block nearest the NoMate OFM treated area).

Or:

Over-treat borders of NoMate OFM treated orchards adjacent to potential infestation sources with an insecticide registered for control of Oriental fruit moth to a depth of at least 50 metres.

Where adjacent sources of mated female moths are untreated for Oriental fruit moth or are badly controlled, both measures will be required.

Burn bulldozed fruit trees and remove or disinfest fruit bins, which might be sources of Oriental fruit moth infestation before moth emergence in the following spring. Wind breaks assist in maintaining higher levels of pheromone in the air.

Control achieved using NoMate OFM may be reduced in orchards situated on windy hill tops, on the high spots in highly undulating terrain and steeply sloping country in orchards where the Oriental fruit moth populations are moderate to high.

Wind can reduce the air concentration of pheromone leading to reduced control where the Oriental fruit moth populations are moderate to high. Wind breaks and hail netting assist in maintaining high levels of pheromone in the air.

PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Low hazard to bees. May be applied to crop at any time. **DO NOT** contaminate streams, rivers or waterways with chemical or used containers.

STORAGE AND DISPOSAL

Keep out of reach of children. Store in unopened original foil envelopes. If NoMate OFM is to be stored for longer than 3 months, it should be held under refrigeration at or below 5°C. Reseal any unused spirals in pouches immediately after use and store under refrigeration at or below 5°C.

Dispose of empty packets and used spirals in municipal rubbish. Empty containers and product should not be burnt.

SAFETY DIRECTIONS

Wash hands after use.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre; Phone Australia 13 11 26; New Zealand 0800 764 766.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet (SDS),

IMPORTANT NOTICE

These goods are to be used only for the purpose and as specified on the label, and are not suitable for any other purpose. To the fullest extent permitted by law, we do not accept or bear any liability on any basis for any loss, damage, cost or expense, arising in any way, directly or indirectly, in connection with the goods.

™ NoMate CM is a Tradename of Scentry Biologicals

APVMA Approval No.: 65253/50526

THIS PRODUCT IS NOT CONSIDERED TO BE A DANGEROUS GOOD UNDER THE AUSTRALIAN CODE FOR THE TRANSPORT OF DANGEROUS GOODS BY ROAD OR RAIL	
In a Transport Emergency Dial 000 Police or Fire Brigade	SPECIALIST ADVICE IN EMERGENCY ONLY ALL HOURS - AUSTRALIA WIDE 1800 024 973

DIRECTIONS FOR USE - VIC, NSW and SA only

CROP	PEST	RATE
Peaches and Nectarines	Oriental fruit moth (<i>Grapholita molesta</i>)	500 spirals/ha

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIOD:

NOT REQUIRED WHEN USED AS DIRECTED.