

READ LABEL AND SAFETY DATA SHEET BEFORE OPENING OR USING

NoMate SPIRAL GOLD

NoMate® Gold CM Spiral is a pheromone communication disruptant for control of the codling moth (*Cydia pomonella*).

Content: 500 Spirals

ACTIVE INGREDIENT:

(E,E)-8,10-DODECADIEN-1-OL 10.75%

OTHER INGREDIENTS 89.25%

TOTAL 100.00%

215 mg active ingredient per dispenser



Crop	Insect	Rate
Apples and pears	Codling moth (<i>Cydia pomonella</i>)	500 spirals/ha

NOT TO BE USED FOR ANY OTHER PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORIZED UNDER APPROPRIATE LEGISLATION. WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED

Critical comments

NoMate® Gold CM will not directly control any pest other than codling moth. NoMate® Gold CM should not be used as the sole treatment against high populations of codling moth. Apply before first moth emergence in spring.

Approved Pursuant to the HSNO Act 1996, No. HSR100628

See www.epa.govt.nz for approval conditions.

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Batch no:

Date of Manufacture:

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NoMate® is the registered trade mark of Scentry Biologicals Inc., Billings, Montana 59102, USA

**HAZARD CLASSIFICATION:
6.5B, 9.1D**

Warning

May cause an allergic skin reaction

May cause long lasting harmful effects to aquatic life. NoMate® Gold Spirals are NOT to be applied onto or into water. Do not contaminate streams, rivers, or water ways with used product or packaging.

DIRECTIONS FOR USE

Instructions for use

Apply NoMate® Gold CM spirals at the start of codling moth flight activity in your region. Prediction degree day models can provide assistance in application timing.

Method of Application

NoMate® Gold CM 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® Gold CM spirals evenly throughout the treatment block.

Timing of Application

Monitor the orchard regularly. If codling moth populations exceed the recommended threshold as determined by previous seasons' trapping records and consulting your local horticultural advisor, apply an insecticide registered for that purpose.

Treat entire orchard blocks (3 hectare minimum) with NoMate® Gold CM and not just sections within large conventionally treated orchards. Conventionally treated orchards frequently serve as sources of mated females.

If a major source of mated female codling moths are present adjacent to the field, migration of these moths may significantly reduce the level of control achieved. Sources are likely to be unsprayed or badly controlled apple, pear, nashi, quince, walnut or crabapples within 200 metres. Stone fruit can support low numbers of codling moth and could be a minor source of mated females when planted next to NoMate® Gold CM treated apple or pear.

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® Gold CM treated crop.

Either: Overtreat orchard blocks which might serve as infestation sources within 200 metres with NoMate® Gold CM (i.e., treat a strip about 50 metres wide nearest the NoMate® Gold CM and the conventional insecticide program).

Or: Overtreat borders of NoMate® Gold CM treated orchards adjacent to potential infestation sources with an insecticide registered for control of codling moth to a depth of about 50 metres.

Where adjacent sources of mated females are unsprayed or badly controlled, both measures will be required.

Remove or disinfest fruit bins which might be a source of moths before codling moth emergence in spring.

Fruit trees which were bulldozed in the previous season and which were hosts to codling moth, can also be sources of infestation. Burn bulldozed trees which might harbour codling moth before the following spring.

Control achieved using NoMate® Gold CM 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 codling moth populations are moderate to high. Wind can reduce the air concentration of pheromone leading to reduced control where the codling moth populations are moderate to high. Wind breaks and hail netting assist in maintaining high levels of pheromone in the air.

Protection of livestock

Low hazard to bees. May be applied on plants anytime. NoMate® Gold CM Spirals are NOT to be applied onto or into water.

Storage

Keep out of reach of children. Store in unopened original foil envelopes. If NoMate® Gold CM 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. Collect and spilt spirals and use or dispose of them as appropriate.

Safety directions

Wash hands after use.

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For specialist advice in an emergency only, call 0800 CHEMCALL (0800 243 6225), 24 Hrs.