

# Disrupt<sup>®</sup>-CM

## MATING DISRUPTION AGENT

**Active Constituent:** 160 mg/dispenser (E,E)-8, 10-DODECADIEN-1-OL  
**Poison Schedule:** Unscheduled  
**APVMA Approval No:** 50957

A mating disruption agent for control of low infestations of Codling Moth (*Cydia pomonella*).

**Pack Size:**  
100 units per pouch  
20 pouches per box

**Dangerous Goods Class:**  
Not classified as a dangerous good under the Australian Code for Transport and Storage of Dangerous Goods in Australia.

DIRECTIONS FOR USE		
Crop	Insect	Rate/ HA
Apples and Pears	Codling Moth ( <i>Cydia pomonella</i> )	500

**NOT TO BE USED FOR ANY OTHER PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS  
AUTHORISED UNDER APPROPRIATE LEGISLATION.  
WITHHOLDING PERIOD: NIL**

Critical Comments: Disrupt CM will not directly control any pest other than codling moth. Disrupt CM should not be used as the sole treatment against high populations of codling moth. Apply before first moth emergence in spring. Remove one dispenser from the pouch and apply by hand to small limbs of crop to be protected. Place dispensers within 1m of the tops of trees. Attach securely by pushing limb into the centre notch of the dispenser holder. Ensure dispenser holder will not girdle limbs preferably by attaching to wood that will be pruned off within two years. Apply the DISRUPT CM dispensers evenly throughout the treatment block. 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 Disrupt 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 is 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 placed next to Disrupt 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 Disrupt CM treated crop. Either: Overtreat orchard blocks which might serve as infestation sources within 200 metres with Disrupt CM (ie treat a strip about 50 metres wide nearest the Disrupt CM and the conventional insecticide program).

Or: Overtreat borders of Disrupt 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 disinfect 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.

# Disrupt-CM<sup>®</sup>

Control achieved using Disrupt 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.

## **STORAGE:**

Keep out of reach of children. Store in unopened original foil envelopes. If Disrupt CM is to be stored for longer than 3 months, it should be held under refrigeration at or below 5°C. Reseal any unused dispensers in pouches immediately after use and store under refrigeration at or below 5°C. Dispose of empty packets and used dispensers in municipal rubbish.

## **SAFETY DIRECTION:**

Wash hands after use.

FIRST AID: If poisoning occurs contact a doctor or Poisons Information Centre, telephone 13 11 26.

Refer to MSDS 53 for further information.

## **EXCLUSION OF WARRANTY**

Colin Campbell (Chemicals) sells this product on the basis that the buyer relies entirely his/her own skill and judgement that it may be suitable for any purpose required. Colin Campbell (Chemicals) Pty. Ltd. expressly negates and excludes any warranty as to quality or fitness of any goods sold for any purpose whatsoever and accepts no responsibility for any harm or damage resulting for such goods or from acting on the advice or recommendations as to such use given in good faith by any representative of the Company. If these conditions are unacceptable to the purchaser, the goods should be returned unopened within seven days for refund of the purchase price.

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