



# ISOMATE® C-S



## ***New & Improved Isomate:*** ***◦ Longer Life ◦ Fluoro Fade-Strap ◦ UV Protection***

The next generation dispenser for codling moth management in Apples & Pears.

**The new Isomate C-Strap is the ultimate in selective tools and now comes with:**

- **More pheromone for longer life**
- **Fluoro fade-strap to indicate age and improve visibility in trees**
- **Added UV protection for better control**
- **Strap feature to allow easier application to trees – no more twisting!**
- **500 dispensers per pack for easier calculation**

Isomate C-S excels as a sole treatment against low populations of codling moth and in combination with a reduced insecticide program where populations are high. It is completely harmless to non-target insects meaning more beneficials for the control of mites, aphids and other pests. Isomate C-S allows growers to produce premium quality fruit with little or no insecticide after petal fall.



# ISOMATE C-S IPM

An integrated program to protect fruit, reduce codling moth populations and allow apple and pear growers to safely use the absolute minimum of insecticide sprays.

## PLAN YOUR PROGRAM ON A RAINY DAY IN WINTER...

### Step 1 Make a rough orchard map to help your planning

Include all blocks as well as neighbour's blocks bordering on your property, all packing sheds, bin stacks, recently bulldozed trees and abandoned apples, pears and walnuts. These could be sources of mated females from outside the treated area.

### Step 2 Rate the codling moth pressure in each block in your orchard using last season's pheromone trap catches and infestation at harvest.

Codling moth infestation at harvest in previous season (%)	Pheromone trap catches (moth/trap/season in non-Isomate C-S orchards only)	Codling moth pressure rating
<0.01	<20	very low
0.01 to 0.09	21-50	low
0.1 to 0.4	51-100	low to moderate
0.5 to 0.9	101-175	moderate
1 to 4	176-300	high
5 to 10	301-600	very high
>10	>600	extremely high

CAUTION! Sometimes last season's infestation at harvest can be misleading if pickers throw infested fruit on the ground. Codling moth can go through another generation after harvest in fruit left on the trees from early harvested varieties. Trap catches vary depending on trap design and how frequently the lures and bases are changed. The above figures serve as a rough guide only but are sufficient to make the initial decision.

Contact your local distributor for more information



### Step 3 Decide on the most appropriate program for each part of the orchard

Codling moth pressure	Isomate C-S based IPM Program	When to use this program
Very low to low	1000 dispensers per Ha applied once only in spring (when Granny Smiths reach pink stage).	The standard treatment for well managed orchards with low CM pressure. Management consists of a single application of Isomate C-S in spring and monitoring.
Moderate to high	1000 dispensers per Ha plus reduced conventional insecticide.	This is the program to use where CM populations are too high in the first year or two to rely on Isomate C-S only.
Extremely high	1000 dispensers per Ha plus full conventional insecticide.	This combination has been used very successfully to crash CM populations in orchards where moth numbers and damage levels were high despite a heavy insecticide program.

### Step 4 Application & Timing

Apply Isomate C-S dispensers within the top 500mm of the tree. Placement should be on the central limb or side-shoot. Dispensers must be applied before green-tip in all districts.

### Step 5 Follow up with in season monitoring by scouting and trapping to fine tune the program

We have improved our 10mg trapping system there are two types now – the 'Combo' pheromone lure (for apples only) and the standard 10mg pheromone lure.

Isomates are Proudly Australian Made by:



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