

# ISOMATE®-CM FLEX

Innovative Mating Disruption Technology for Codling Moth



## TECHNICAL BULLETIN

### What is ISOMATE-CM FLEX?

- **Isomate-CM Flex** is a twin-tube dispenser for season-long mating disruption of codling moth.
- **Isomate-CM Flex** dispensing technology delivers consistent, uniform pheromone release.
- **Isomate-CM Flex** twin-tube design is fast and easy to apply.

### Advantages of CM Flex:

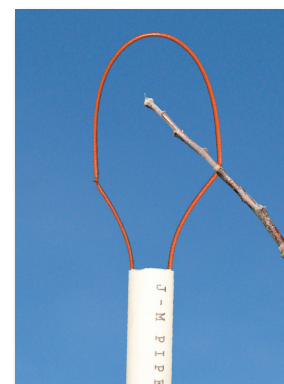
- Same efficacy and longevity as Isomate-C Plus
- Flexible rates for different CM populations
- Consistent, uniform pheromone release
- Twin-tube design for easy, quick application
- No batteries
- No programming
- No disposal
- No in-season maintenance



### Instructions For Use:

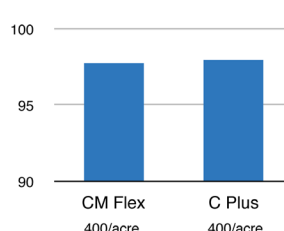
- Apply **Isomate-CM Flex** before CM emergence.
- Apply **Isomate-CM Flex** at 200-400 dispensers per acre depending on codling moth pressure.
- Apply **Isomate-CM Flex** by looping dispenser over tree branch in upper third of tree canopy.
- Apply **Isomate-CM Flex** uniformly throughout the entire orchard.

⇒ Dispenser Placement Calculator can be downloaded at [www.pacificbiocontrol.com](http://www.pacificbiocontrol.com)

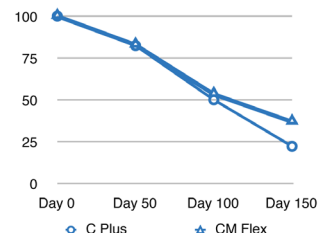


CM Flex Applicators

WSU CM Flex Trials - % Trap Shutdown



% Remaining Codlemone - Yakima, WA



# ISOMATE® APPLICATORS



## Hoop Applicator

### How to Make:

Hoop Applicators are made by using 4" PVC pipe. Use chop-saw with masonry or steel cutting blade to cut 1 1/2" wide rings. Cut each ring in half making two hoop applicators per ring.

### How to Use:

Attach "Hoop" to extending paint pole or appropriate length PVC pipe handle. Slip twin-tube dispenser over outside of hoop and apply by looping dispensers over tree branch in the upper third of tree canopy.



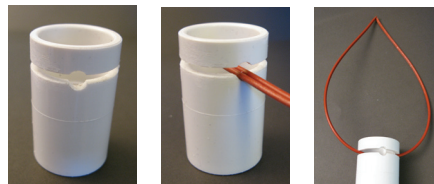
## Notch Applicator

### How to Make:

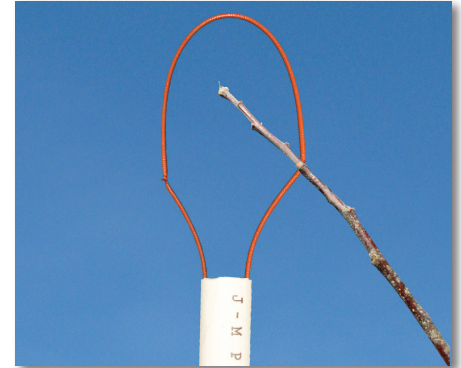
Notch Applicators are made by using 3/4" PVC pipe couplers. Use chop-saw with a masonry or steel cutting blade (1/8th inch wide). Cut 3/4" PVC coupler half-way through approximately 1/4" down from top. Drill 1/4" hole in center of cut for inserting dispenser.

### How to Use:

1. Insert dispenser through 1/4" hole until it stops in middle of coupler.
2. Spread dispenser the length of the cut in coupler.
3. Flip dispenser back over coupler to lock in position.



*Attach coupler to PVC pipe handle and cut at appropriate length to loop dispenser over branch in the upper third of tree canopy.*



## Pipe Applicator

### How to Make:

Cut 3/4" PVC pipe at appropriate length to loop dispenser over branch in the upper third of tree canopy.

### How to Use:

Create a circle with dispenser and insert one end of the dispenser into PVC pipe.

*This applicator works for applying:*

- Isomate-CM Flex
- Isomate-OFM TT
- Isomate-PTB TT
- Isomate-OFM/PTB TT



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