Controlling Codling Moth Today
Creating a strategy for the future
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Break the Codling Moth Cycle!

**Adult Stage**
Mating Disruption with Pheromones
Attract and Kill

**Pupal Stage:**
Predators
Parasites

**Egg Stage:**
Narrow Range Oils
Barriers (Surround)
Ovicides
IGR’s

**Larva Stage Prior to entering fruit!**:
Larvicides
IGR’s
Virus

Larva protected inside fruit: delayed death from virus?

Pheromone mating disruption is the foundation for all codling moth control-

“Pheromone-based, Multi-Tactic Programs”- Washington State Philosophy

→ **The Key** is to get the pheromone up EARLY! (just after biofix). This could be as early as mid-April in a warm spring year (like 2004!)

Place the pheromone in upper 1/3 of the tree.
Will last approximately 130-150 days, depending on product, weather.

Lots of products to choose from: Isomate, Puffers, Consep, etc.
Sprayables not yet recommended for apples, break down with UV and need to be reapplied.