

Determining codling moth (*Cydia pomonella*) sex and mating status.

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Female



Female codling moth have a hairy “pad” at the tip of the abdomen (left). When the ovaries are squeezed between the fingers (right), mating status can be generally determined by the firmness of the ovaries. The ovaries have two round lobes. Hard, enlarged ovaries indicate mated or multiply-mated status. “Flat” ovaries generally indicate non-mated or a female that has had fewer matings.

Male



Male codling moth have “claspers” at the tip of the abdomen. When closed together (left), you can sometimes see a line where they come together in a “hook” like manner. When the abdomen is gently squeezed, the claspers will open (right).

Photos taken by Lynn Wunderlich, U.C. Cooperative Extension.
<http://ceeldorado.ucdavis.edu/Orchard%5FCrops/>

