



**Type of product** Mating disrupter

**What flakes contain** Green plastic flakes baited with synthetic female moth pheromone, the scent that attracts male moths. The flakes are very small, about 1/8 inch by 1/16 inch.

**How flakes work** The scent of the female floods the area and confuses male gypsy moths so they cannot find females. Since the moths are at the end of their life cycle, they die without mating. The flakes do not kill the moths, they just carry the scent and prevent reproduction.

**Application method** By airplane; the flakes are mixed with an adhesive material, similar to white school glue, so flakes stick to tree leaves

**Application rate** 1/4 to 1/2 cup flakes per acre which is equivalent to 1 to 2 flakes per square foot of leaf canopy; the flakes are so small and applied at an extremely low that they are not very noticeable

**Application timing** One application from late June to the end of July, just before adult moths emerge from cocoons

**Why we use  
pheromone flakes**

- Pheromone is detectable only to gypsy moths; no other species are impacted
- Used where endangered or threatened species of butterflies and moths are feeding during spray season.
- Flakes are only effective at low gypsy moth populations