

2015 Navel Orangeworm Monitoring in the Sacramento Valley

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Methods

Trap sets were deployed in five locations in the Sacramento Valley for 2015 navel orangeworm (NOW) monitoring. These included one location each in Tehama, Butte, and Colusa counties, and two locations in Glenn county (Figure 1). Trap sets included egg traps, kairomone-based wing traps for monitoring adult females (Peterson Trap CO., LLC), and pheromone-based wing traps for monitoring adult males (Suterra Biolure®) (Figure 2). In Butte and Glenn counties, three trap sets were monitored at each site. Each trap set consisted of four egg traps, three female traps, and one pheromone trap. In Tehama county, one trap set was monitored, consisting of four of each trap type (egg, female, and male). In Colusa county, two trap sets were monitored. One set consisted of five egg traps, two female traps, and one pheromone trap. The other set consisted of five egg traps and one pheromone trap (no female traps).



Figure 1. 2015 NOW Trapping locations in the Sacramento Valley.

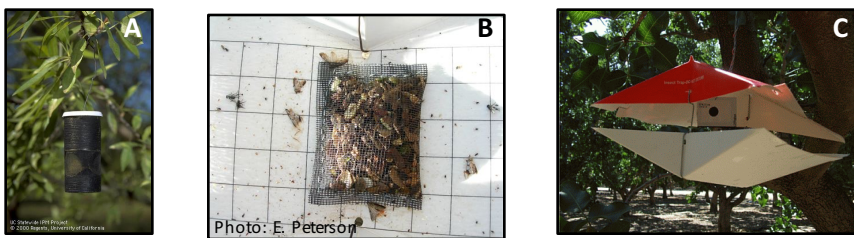


Figure 2. Types of traps and lures used for NOW monitoring in the Sacramento Valley. A) Egg trap, (B) Peterson trap, (C) Suterra Biolure® trap

Results

Season-long trap numbers (average numbers caught/trap/day) are shown in Figure 3 (A-E) on the right for each trap type and trapping location.

