

Light Brown Apple Moth in California 2009

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Light Brown Apple Moth Program

Statewide Detection Program

- 5 traps / mi² in urban/residential areas
- 1 trap/ mi² in agricultural areas
- 2 traps / mi² in wild areas
- Over 28,000 states deployed statewide
- Over 220,000 LBAM trapped in 17 counties
- Most moths (90+%) from Santa Cruz and San Francisco counties

Light Brown Apple Moth 2009 State Interior Quarantine Boundary



 Quarantine Boundaries



Map Printed: 10/12/2009
Map Prepared By: Colleen Murphy-Vierra

Statewide Detection Program

- To date, little movement of LBAM into wild areas of state
- Most evidence of damage to native plants attributed to LBAM was actually caused by native leafrollers

State Interior Quarantine

- About 3,900 mi² under state interior quarantine under state interior quarantine
- Quarantine designed to limit artificial movement of LBAM infested plant material
- All non-exempt LBAM host material must be free of LBAM to leave state interior quarantine

Eradication Activities

- In 2009 all eradication activities limited to the use of pheromone mating disruption deployed using twist ties
- Success in 2009 was Carpinteria in Santa Barbara County