



California Urban IPM Apprenticeship

Teaching skills to improve pest and weed management across California

Monitoring, trapping and recordkeeping techniques to identify and assess pest pressure in indoor environments

Wednesday August 28th, 2024

Noon to 1:15 pm PDT

Zoom link: <https://us06web.zoom.us/meeting/register/tZ0vceuvqTkvHtDobjkiDYZHyY1mg2g-bMCU>

Webinar abstract:

Structural pests of cockroaches, other insects and rodents and the pesticides applied to control them can present many human health, environmental and economic risks. Proper pest inspection and monitoring can reduce these risks by identifying resolving pest-conducive conditions. Dr. Thomas Green will teach apprentices monitoring, trapping and recordkeeping techniques to effectively assess structural pest pressure and identify eliminate pest-conducive conditions including access to shelter, water and food.

Apprenticeship learning objectives addressed:

- (1) Identify key urban, structural and landscape pests and be able to explain their basic biology, lifecycles, resource needs, and monitoring and management strategies. (30 minutes)
- (2) Develop competency in completing onsite evaluations to assess pest pressure in indoor environments. (30 minutes)

Presenter bio:

Thomas Green, Board President and Founder, IPM Institute of North America

In 1998, Green co-founded the IPM Institute of North America with the goal of using the power of the marketplace to increase adoption of IPM and other best practices. Green and the IPM Institute have developed more than thirty projects to support IPM practices in agriculture, schools, workplaces and homes. This includes the establishment of Green Shield Certified to evaluate pest management professionals, facilities and landscapes who want to use sustainable options for pest and weed management. Green earned his Ph.D. in entomology from the University of Massachusetts. Since then, he has written or coauthored more than 100 publications and has shared his expertise by presenting at more than 250 professional and industry events. He was awarded the Lifetime IPM Achievement Award by the International IPM Symposium in 2022.

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Webinar Schedule

Agenda Topic	Description
Introduction and roll call (5 minutes)	<i>Leader:</i> Ryan Nolan
Pest monitoring basics (10 minutes) <i>Learning Objective #1 and #2</i>	<i>Presenter:</i> Tom Green <ul style="list-style-type: none"> • Why monitor? • Monitoring protocols and frequency • Effective recordkeeping
Identification: pests, signs of pest activity and pest-conducive conditions (20 minutes) <i>Learning Objective #1</i>	<i>Presenter:</i> Tom Green Key pest identification <ul style="list-style-type: none"> ○ Cockroaches ○ Flies ○ Ants ○ Termites ○ Mice and rats ○ Other pests Access to resources: food, water and shelter Identifying conducive conditions for:
Monitoring tools (10 minutes) <i>Learning Objective #2</i>	<i>Presenter:</i> Tom Green <ul style="list-style-type: none"> • Visual inspection • Traps- pheromone traps, sticky traps, non-toxic bait boxes • Effective pest recordkeeping
Case study (10 minutes) <i>Learning Objective #2</i>	<i>Pest prevention in a multi-family community</i>
Question and Answer Session (10 minutes)	<i>Facilitator:</i> Ryan Nolan
Post Quiz (10 minutes)	<i>Leader:</i> Ryan Nolan <ul style="list-style-type: none"> • Ten question quiz • Need 70% to pass