

1 Baiting for Termites

Gail Getty

University of California, Berkeley

2 IPM and Green

3 What's Going Green Mean?

-

4 What is IPM/Going Green mean?

- To the PMP?
- To the Homeowner?
- To a public school and parents?
- To hotels?
- To nursing homes, hospitals, etc.?

5 What's Going Green Mean?

- Environmentally Friendly
- Recycling
- Organic
- Natural
- No Chemicals
- No Pesticides

6 Publics Concerns about Pesticides

-

7 Concerns about Pesticides

- Routine, unnecessary application
- Untrained applicators
 - School maintenance personnel
- Possible hazards to people, children

8 Green Goals

- Protect Humans and the Environment
- Cost effective

9 What is EPA Definition?

- effective and environmentally sensitive approach to pest management that relies on a combination of common-sense practices

- most economical means, and with the least possible hazard to people, property, and the environment

10 What About Activists?

11 Activists Against Pesticide Use

- [www. Calisafe.org](http://www.Calisafe.org)
 - California Safe Schools
- “VICTORY! SCHWARTZNEGGER REAL HERO IN SIGNING AB405...BANNING THE USE OF EXPERIMENTAL PESTICIDES IN SCHOOLS...NO TESTING ON ORPHANS AND MENTALLY HANDICAPPED CHILDREN!!

12 Activists with LA School District

- “Pesticides will not be used to control pests for aesthetic reasons alone”
- “The District will strive to ultimately eliminate the use of ALL chemical controls.”
- “...pesticide products demonstrate an absence of human risks..”

13 Beyond Pesticides

- “.... a world free of toxic pesticides .

14 Let’s Look at some IPM Ideas

15 Ask Customer....

- Are they currently using any IPM methods
 - Most say no, but when pressed further with questions, you will find some IPM action

16 Components of IPM

- Time control to best advantage

17 Components of IPM

- Target pesticides to reduce exposure to humans, pets, wildlife

18 Components of IPM

- Evaluate effectiveness of tactics
 - Keep accurate records, ongoing monitoring, adjust

19 What We in Industry Seeing

- Less hazardous cues on labels

- Benefits of IPM to customer

- Target pesticides the norm

20 Green Pro Program

- Become a member of PCOC
 - www.pcoc.org

- Contact Bill Gaither
 - billgaither@pcoc.org
 - (916) 372-4363 x 103

21 Green Pro Program

- Emphasize three fundamental elements
 - Pest Prevention
 - Multiple Management Strategies & Tools
 - Systems Approach

22 Green Pro Program

- Pest Prevention
 - Suppress reproduction
- Identify & eliminate potential pest access
- Monitoring on a continuing basis
 - Prevent small infestations from becoming big infestations

23 Green Pro Program

- Prevention includes
 - Customer education
 - Removal of pest habitat, sources of water and food, breeding areas
 - Recommend modifications to structure to eliminate pests
 - May include changes in temperature, light, humidity, air circulation to prevent reproduction

24 Green Pro Program

- Multiple Management Strategies & Tools may include
 - Educating customer on biology, behavior
 - Mechanical/physical controls
 - Horticultural controls: irrigation practices, treatment/removal of plants

- 25 Green Pro Program
- IF all the above does not work then chemical control may be considered.....
- 26 Green Pro Program
- Must form a partnership with customer to provide education on pest management practice issues and gain cooperation.
- 27 Green Pro Program
Practices
- Establish a partnership
 - Record a detailed history about pest problem from customer
 - Thoroughly inspect property
 - Identify pest
 - Prepare written list/map
- 28 Green Pro Program
Practices
- Discuss inspection findings with customer
 - Pest
 - Problem
 - Location
 - Severity
- 29 Green Pro Program
Practices
- Discuss management strategies
 - Develop a written site-specific IPM Plan
 - Focus on prevention and low risk long term solutions
 - Provide inspection reports to customer
- 30 Green Pro Program
Practices
- Continual monitoring
 - Evaluate success
 - Have recommendations been followed
 - New problems

- Update customer
- Customer satisfaction

31 Green Pro Program
Practices

- Maintain records

32 Sentricon Over Time: a Research View

33 So What's Out There?

- Dow AgroSciences Halo ETD
 - Electronic circuit reader tells you if circuit is compromised
 - You treat problem any way you want

34 ETD

35 So What's Out There?

- Dow AgroSciences Hex-Pro Baiting System
 - Baiting with hexaflumuron

36 So What's Out There?

- Dow AgroScience-Sentricon Termite Colony Elimination System
 - Noviflumuron
 - Interrogator

37 ESP

38 Thank you

ggetty@berkeley.edu