



Is IPM of Subterranean Termites an Obtainable Goal?

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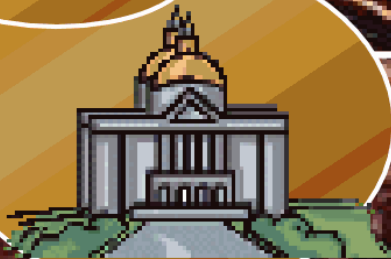
Coordinator, Formosan Subterranean Termite

National Program

USDA-ARS New Orleans, La.

Structural Protection

EPA



State
Regulations



My House

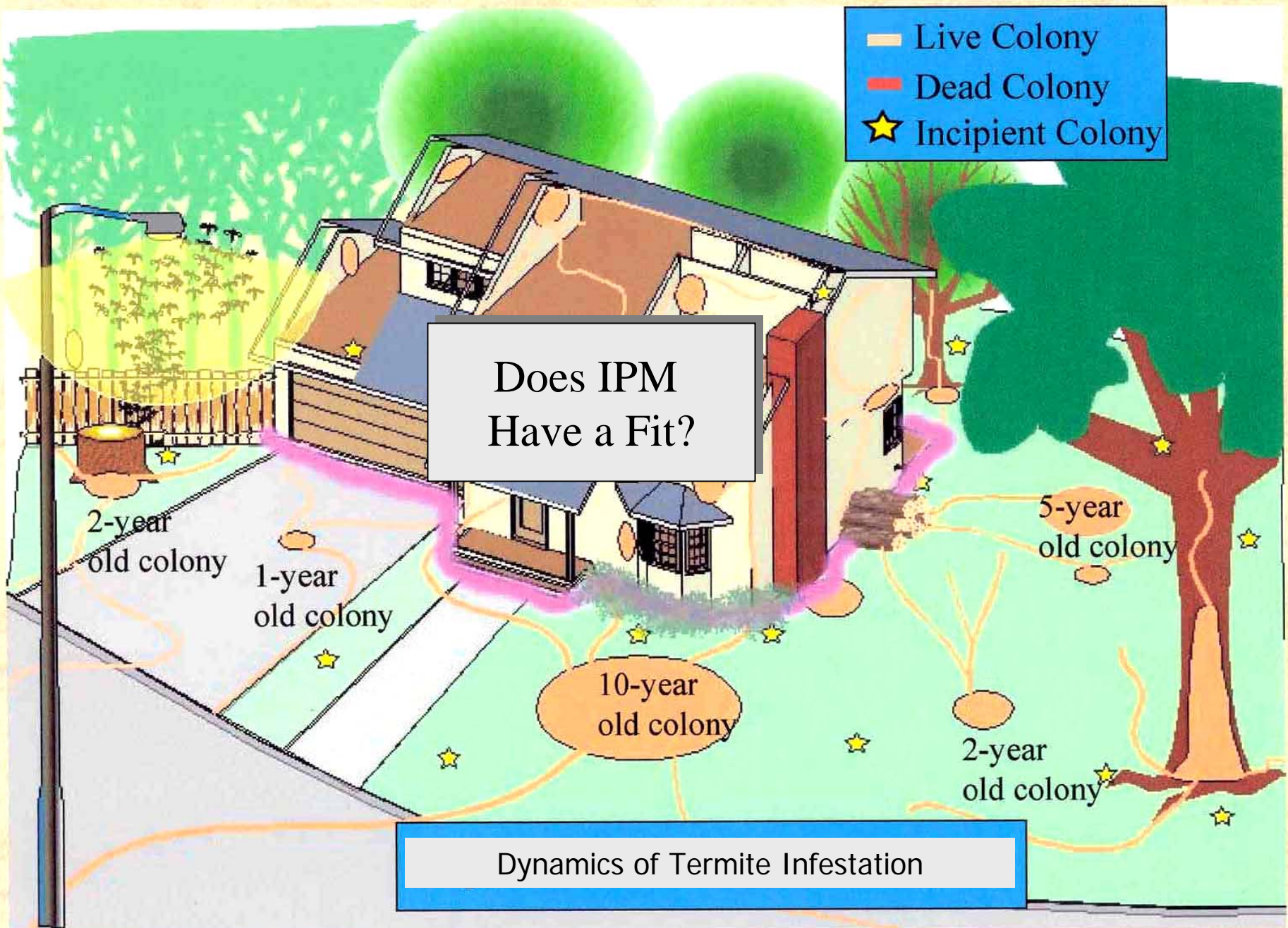


Family
Interests



PMP
Practices

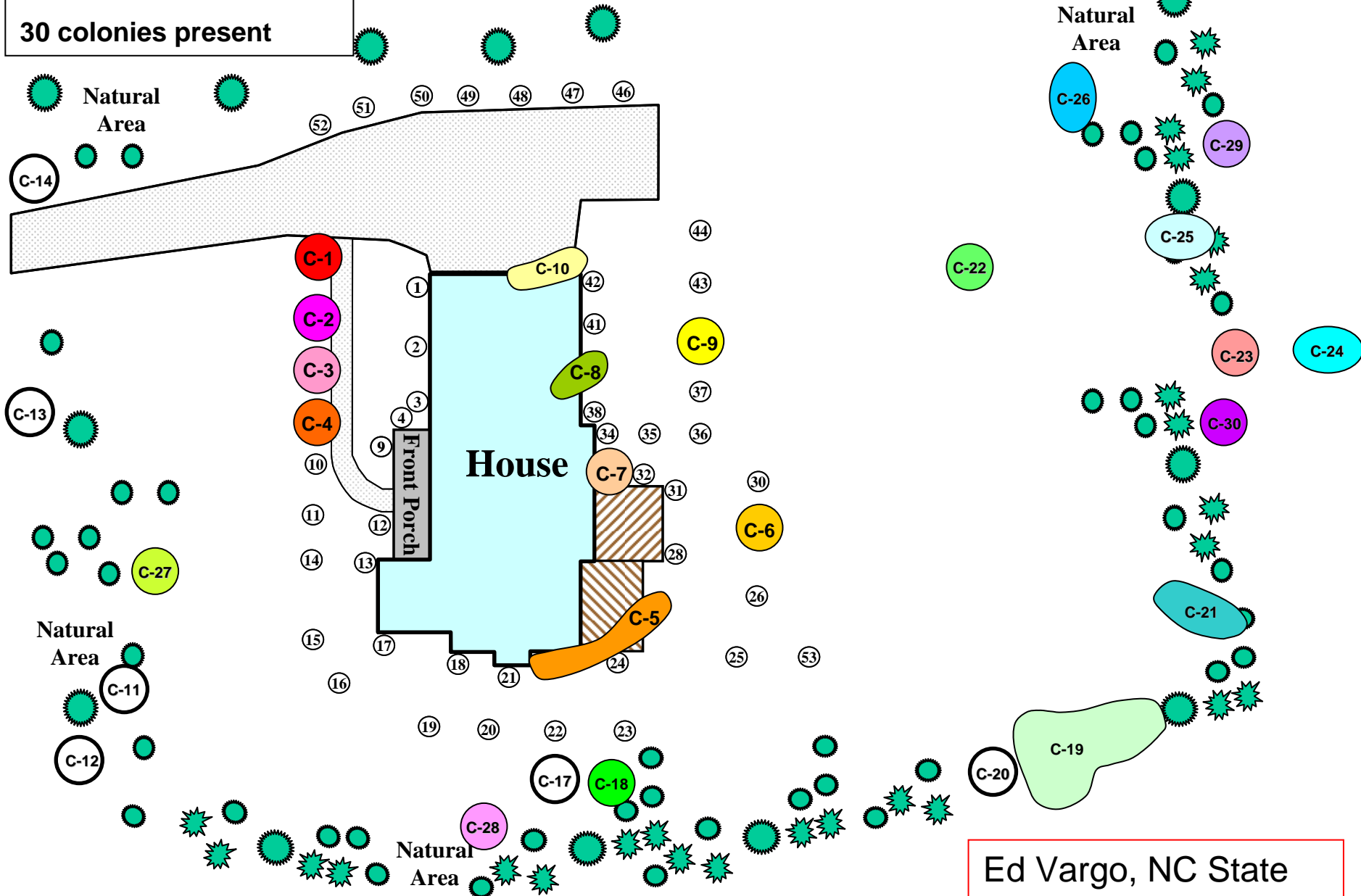




3321 Bentwillow Dr.

Pre-treatment

30 colonies present



Structural Protection

(Conventional Practices)

- Pretreatments
 - Liquid termiticides
 - Physical barriers
 - Treated lumber
- Post treatments
 - Liquids (repellent, non-repellent)
 - Bait systems
 - Combinations
 - Spot Treatments
 - Foams/gels/pastes
 - Fumigation

Structural Protection
Prevention of Damage
(Goals)



Population (reduction) Management
(Multiple Colonies)



IPM Strategy

IPM Program

- Habitat management/pre & post construction
 - Architecture/construction techniques
 - Landscape practices/sanitation/maintenance
- Inspections/monitoring
- Biological agents
 - Fungi
- Termiticides
 - Bait systems
 - Non-repellent termiticides
- Physical barriers
- Area-wide implementation
 - Dense populations of termites, e.g. New Orleans
- Education/ extension

Obstacles to IPM

- Conventional treatments/practices have long history and widely accepted.
- IPM vs. business model, i.e. profitability.
- Operator training/competency.
- Treatment options are mostly limited to chemical.
- Design & construction practices.
- Owners are not aware of preventive measures or their roles in prevention.
- Pesticide laws, rules and policy.
- Population management (IPM) as applied to structural pest not accepted or understood by public and regulatory officials. Generally accepted: "keep the critters out of my house."

IPM Strategy

Termite Population

(Multiple Colonies)



Treatment

Baits, Non-repellent termiticides



Structure

Primary/Secondary



Inspection

Habitat
Management



Non-structural

Landscape

Workshop Goals & Objectives

- Goals
 - Lessen threat of damage by reducing termite population
 - While minimizing dependency on harsh chemicals
- Objectives/Discussion
 - Status of on-going projects from states
 - Prospects for implementation
 - Needed technology
 - Funding source, e.g. S. Regional IPM
 - Establish a working group, e.g. Regional Project
 - Convincing public, industry & regulatory agencies