



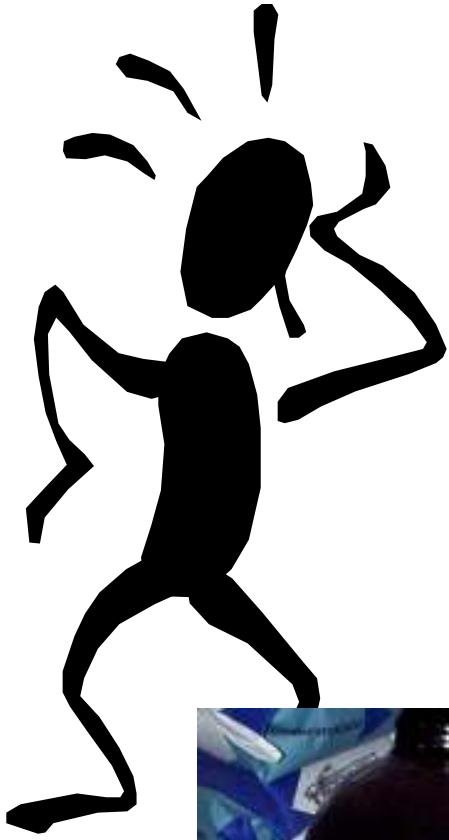
**A Discussion of
Pesticides Environment
and IPM Concepts
Pesticide Safety for the Small
Farmer**

Robert D. Halman

**CED & Ag Agent
Collier County UF/IFAS Extension**

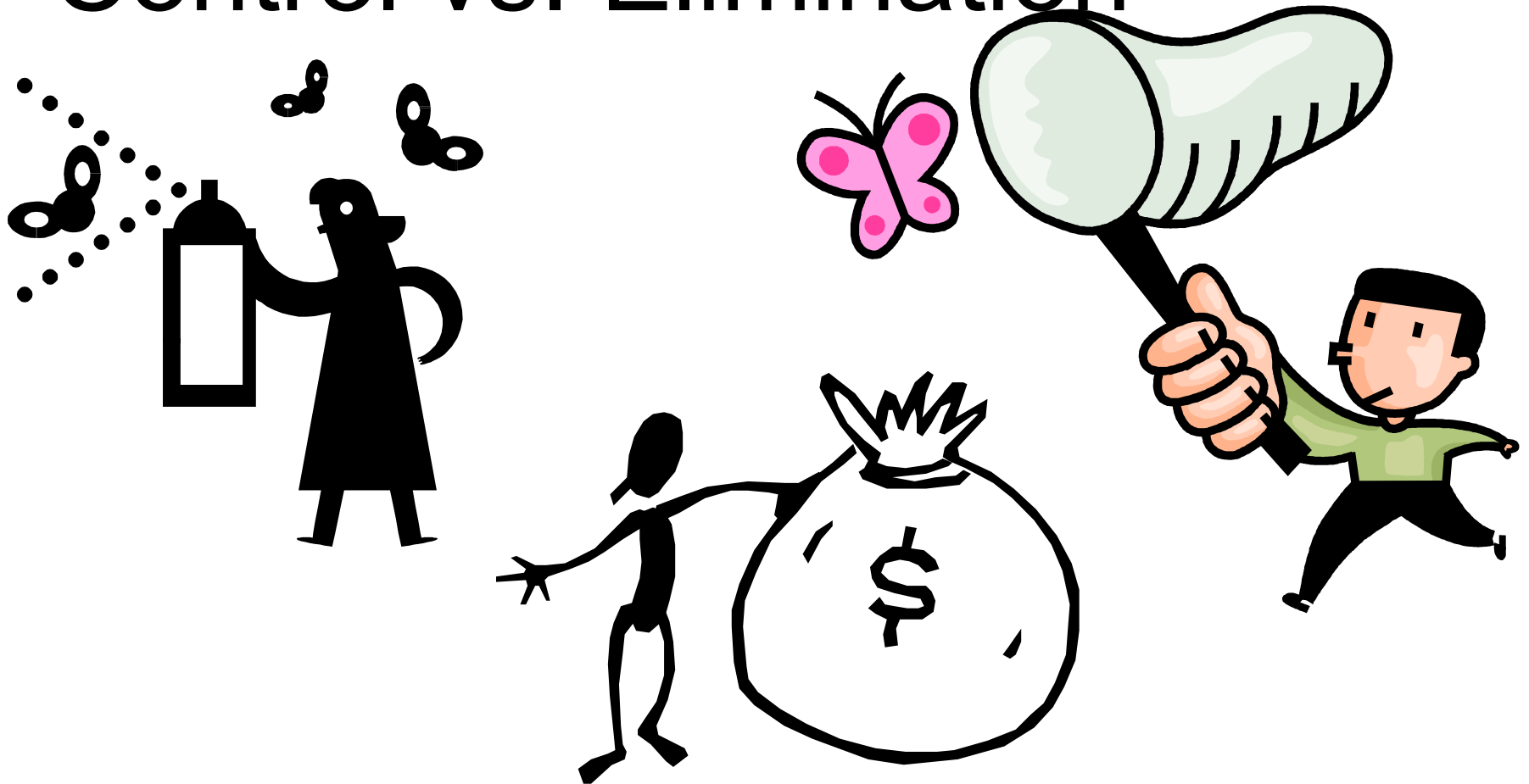
Pesticides

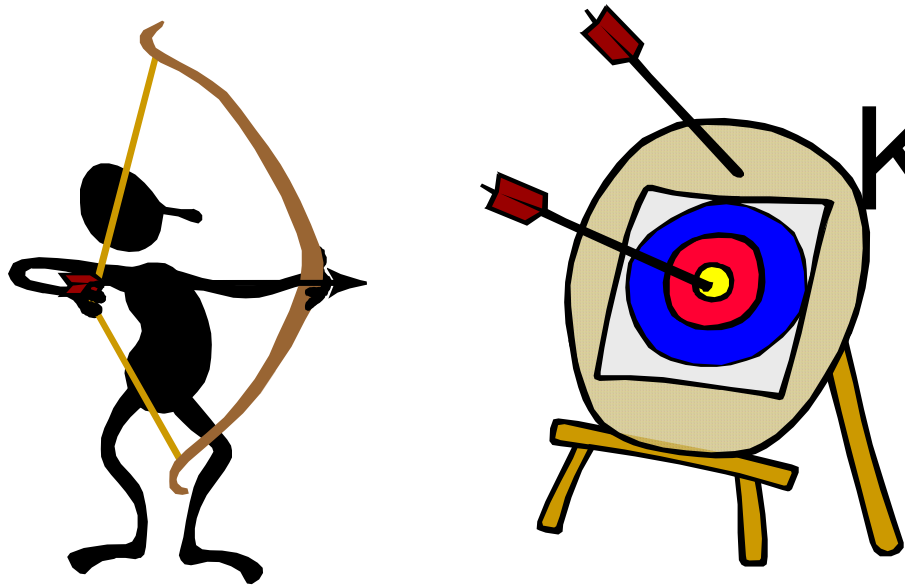
What are they??



Pest Management

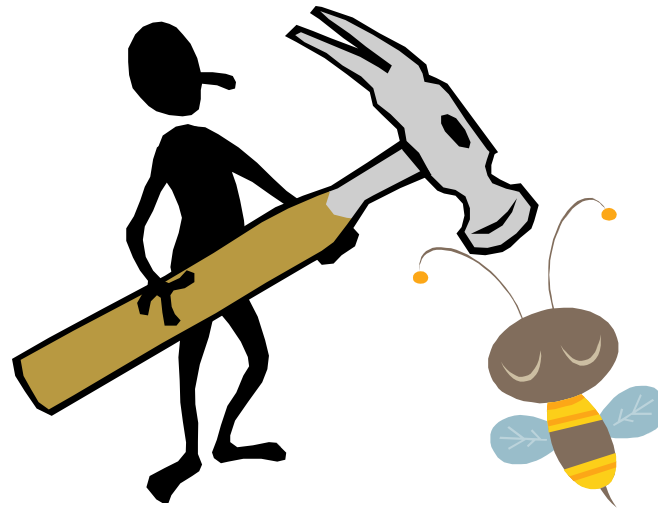
Control vs. Elimination





Know Your Pest

Know the “Best” Way to Control It





Types of pests- Identification



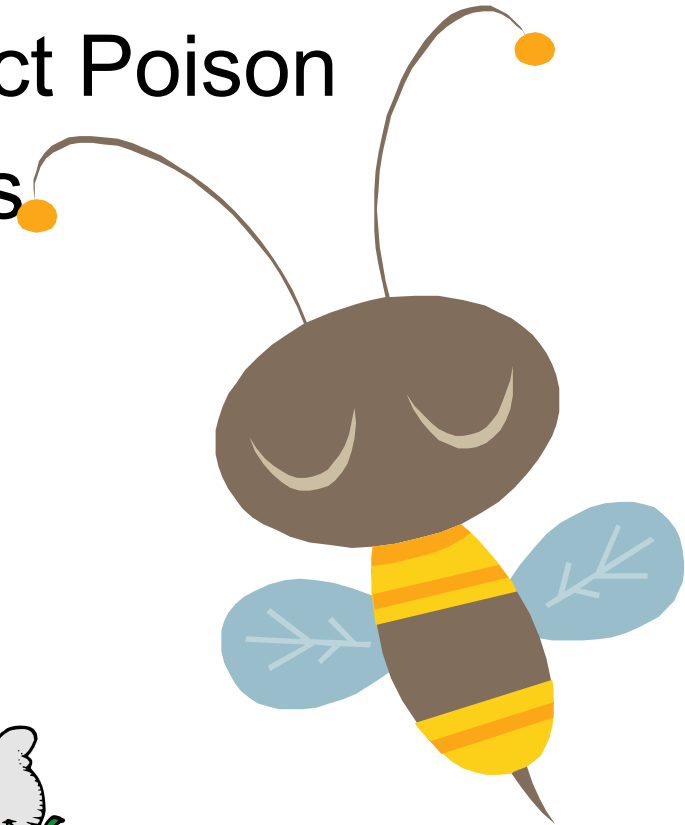
Types of Pesticides

A close-up photograph of a green praying mantis perched on a bright yellow flower. The mantis is the central focus, with its characteristic raptorial front legs and segmented body clearly visible. The background is dark, making the green of the mantis and the yellow of the flower stand out.

- **General Use**
- **Restricted Use Pesticides**

Pesticides work according Their effect on the target pest:

- Stomach poison- Contact Poison
- Fumigants, Pheromones
- Systemic sterilants
- Anticoagulants
- Plant growth regulators
- Defoliants
- Desiccants



Chemical Pesticides

- **Organophosphates**
- **Carbamates**
- **Organochlorine**
- **Pyrethroids**



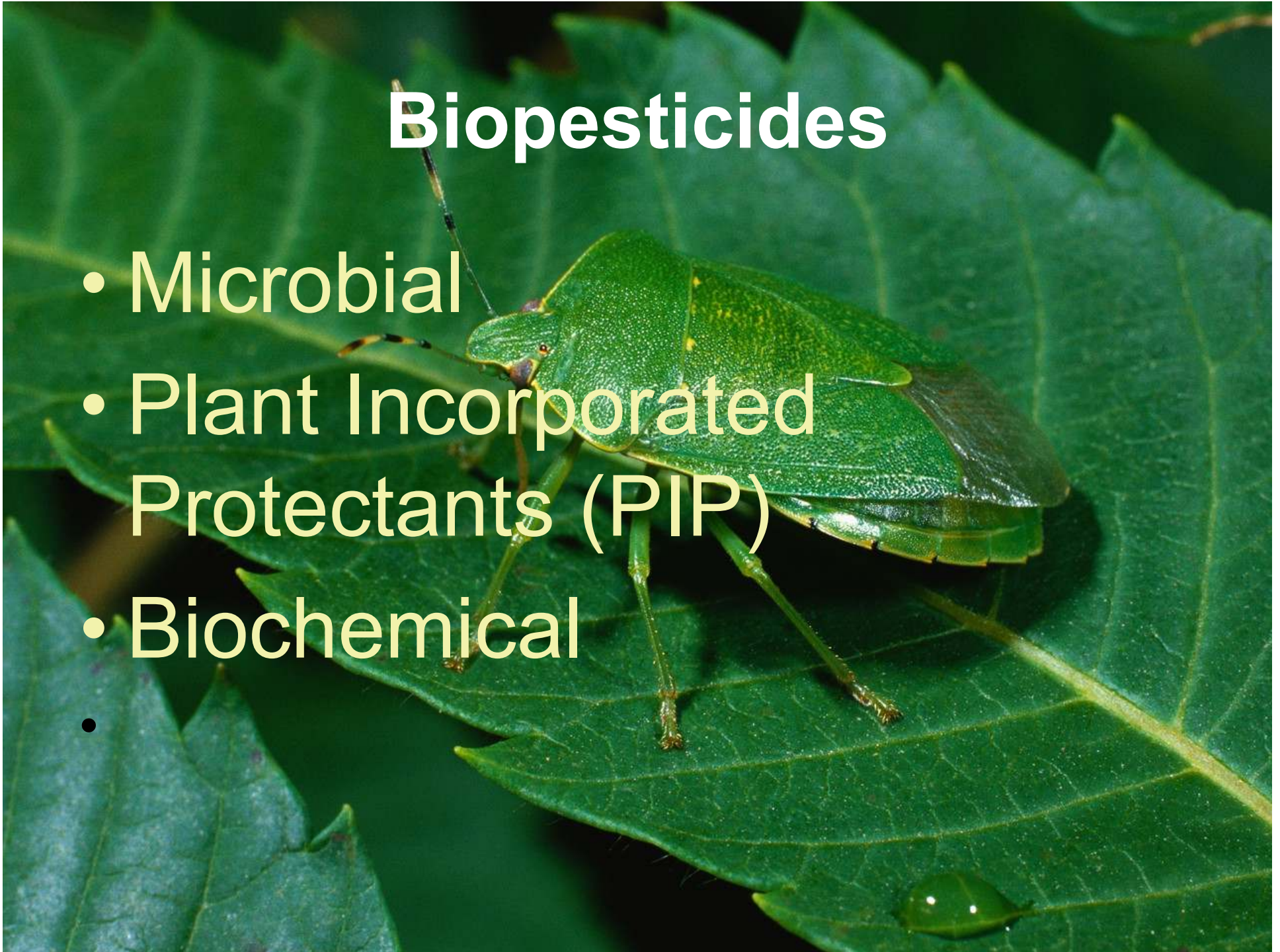
Formulations

- Aerosols
- Emulsifiable Concentrates
- Flowables
- Wettable & soluble powders
- Granules
- Dusts
- Poisonous baits
- Fumigants
- Misc. formulations



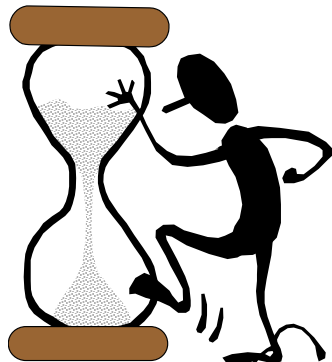
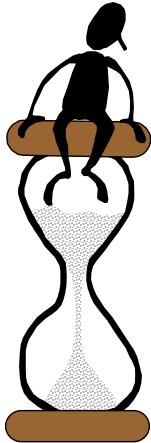
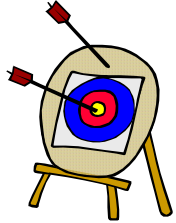
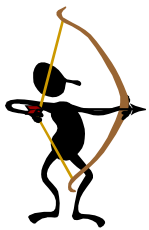
Biopesticides

- Microbial
- Plant Incorporated Protectants (PIP)
- Biochemical
-



Pest Control Management is a

Matter of Timing





“Fighting Smarter”

Integrated

Pest

Management

Read the Label!!!





Know your
pests!!



Pests vs. Predators



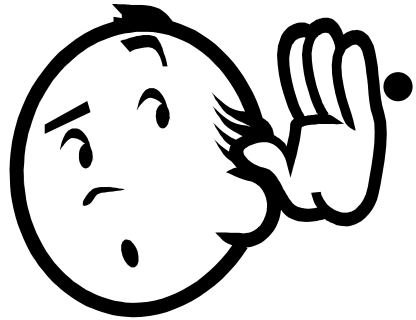
Pesticide Safety:
What are we doing this
for?



Who's Got Questions ???



Fun Fact



• Medical Studies indicate that most people suffer a 68% hearing loss when naked





