

# Integrated Pest Management Policy

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# Agenda

- Introduce IPM and PHC
- Current IPM
- Goals of the Update
- Recent IPM Related Concerns
- Questions

# Current IPM

- Adopted in 1999

- ❖ Beneficial goals that aligned with the thought process of the time
- ❖ Outlined procedure for a living document
  - ❖ “In practice, integrated pest management is continually evolving. The program / policy / manual should reflect such changes and be subject to regular review and revision.”

- Based on 1999 EPA Guidelines

- ❖ Phase out the use of all chemicals
- ❖ Evolution of practice/materials/guidance since then



# Introduction to Integrated Pest Management Policy

## ■ What is IPM?

- ❖ Integrated Pest Management (IPM) is an effective and environmentally friendly, common sense approach to controlling pests.
  - ❖ Current, comprehensive information on pests life cycles and their interaction with the environment
  - ❖ Most economical means with the least possible hazard to people, property, and the environment

## ❖ Why is IPM important?

- ❖ IPM is Thoughtful and Proactive rather than reactive in nature
- ❖ IPM seeks to understand causes of pest problems
- ❖ IPM implements long term solutions
- ❖ IPM employs a means of prevention rather than mere treatment of symptoms

# Introduction to Plant Health Care

- What is PHC?

- ❖ Plant health care is a holistic focusing on developing and maintaining healthy plants, so they become less susceptible to problems.

- Why is PHC important?

- ❖ Provides corrective measures to promote plant health
- ❖ Proactive - healthy plants are less likely to become infested by pests and infected by disease

# Goals of Updated IPM & PHC Policy

## ■ Current Policy

- ❖ Update the systematic course of action to proactively manage pests successfully
  - ❖ ID pests and monitor progress
  - ❖ Set action thresholds
  - ❖ Prevent
  - ❖ Control
- ❖ Guidelines for living document
  - ❖ Long-term control of pests and invasive weeds
  - ❖ Regular internal meetings to identify best strategies and methods
- ❖ Serves as a cornerstone of the pest management program
  - ❖ No unacceptable public or environmental health risk is taken to control pests
- ❖ Introduce Plant Health Care



# Recent IPM Related Concerns

- ❖ *Red Imported Fire Ants* in sports turf and around playgrounds at recreational facilities
  - ❖ 10 % of human population are highly allergic to RIFA stings
  - ❖ Tripping hazards in playing area
- ❖ Weed, insect, and fungal disease in sports turf at recreational facilities
  - ❖ Turf weeds and fungus in new Anderson Park multipurpose field
  - ❖ Tripping hazards in playing area
- ❖ Invasive aquatic weed species
  - ❖ Duck weed and Primrose infestation at Anderson Park pond
- ❖ *Invasive Species control to protect the urban forest*
  - ❖ Invasive vines and poison ivy are choking out trees in our urban forest
- ❖ Probable future need of IPM for insect pests of the urban forest
  - ❖ Elm bark Beetle, Emerald Ash Borer, Southern and IPS Pine Beetle

# QUESTIONS

