



CLIMATE ACTION SUBCOMMITTEE

DEVELOPMENT OF THE INTEGRATED
PEST MANAGEMENT POLICY

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PROJECT DESCRIPTION

- The goal is to develop a City-Wide Integrated Pest Management (IPM) Strategy
- This plan will provide guidance to staff and contractors working for the City to ensure landscapes are designed and maintained in a manner that reduces the need for fossil fuel powered equipment, herbicides, insecticides, and other anthropomorphic inputs that have an ability to exacerbate climate change.

RELATIONSHIP TO CLIMATE ACTION PLAN

- Integrated Pest Management is a programmatic approach to protecting human health and the environment.
- Healthy vibrant landscapes are greater carbon sinks and help provide relief from heat island effects in the urban environment.

OUTLINE

- Definition of IPM
- History of IPM in the City
- IPM Requirements
- Types of Landscapes Managed
- Discussion of desired IPM Policies

DEFINITION OF IPM

- Integrated pest management is a process to address pests
 - Goal of IPM is to minimize risks to people and the environment
 - Pests are unwanted fungus, plants, or animals
 - Practices include biological control, habitat manipulation, cultural practices, pest resistant varieties
 - Pesticides used only after evaluation according to established guidelines
 - Pest controls applied in a manner that minimizes risks to human health and the environment

IPM IN THE CITY

There are two main efforts that guide the City's direction with regards to pests:

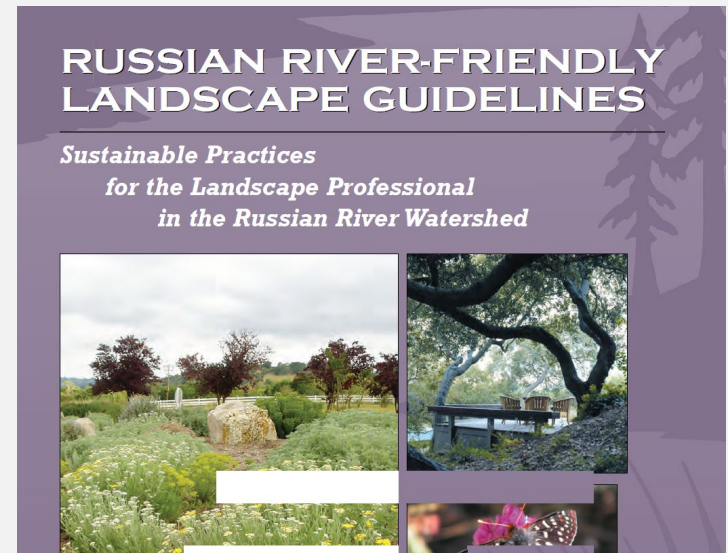
- Parks Department has an IPM Departmental Policy
- Water Department has taken a Russian River Landscape Friendly approach to developing guidelines for the Landscape contract that maintains Santa Rosa Water owned properties

PARKS DEPARTMENT IPM POLICY

- Policy is written for Parks staff and contractors working on properties managed by staff
- Solely an IPM policy developed with guidelines from the UC Agricultural Extension Office
- Excellent policy for pest management activities
- Only applies to the Parks Department and its contractors

SANTA ROSA WATER LANDSCAPER GUIDANCE

- Developed an RFP for landscape services based on Russian River Landscape Guidelines
- Wholistic approach to landscape management
- Has IPM as a component as well as reduced organic waste, support onsite composting and other activities to mimic natural processes



CITY REQUIREMENTS FOR AN IPM POLICY

- The City's Storm Water Permit requires that the City have an IPM policy
- Prohibit use of Diazinon
- Report the use of all pesticides by city staff and contractors in the Stormwater Annual Report

TYPES OF LANDSCAPES MANAGED BY THE CITY

- Parks: Ball fields, playgrounds, storm water features, naturalized areas, ponds and lakes, levees
- Roadsides and medians
- Wildlands/natural areas
- City owned institutional landscapes
- City owned farms



BALL FIELDS AND PLAYGROUNDS

Community feedback:

- Weed free infields
- Resilient fields
- No ground dwelling rodents in turf fields
- Minimal use of pesticides



NATURALIZED AREAS

Community feedback:

- Ability to walk on trails
- Protection from wildfire
- Native plant protections



PONDS AND LEVEES

Community feedback:

- Minimal invasive pond weeds
- Safe well-maintained levees
- DSOD requirements



ROADSIDES AND MEDIANS

Community feedback:

- Clean and healthy landscape/weed free hardscape



CITY-OWNED FARMS

Community feedback:

- Ability to raise crops free of weed seeds
- Places for ecological restoration



CITY-OWNED INSTITUTIONAL LANDSCAPES

Community feedback:

- Aesthetically pleasing landscapes
- Places for community gathering

REQUESTED FEEDBACK

- What elements are most important to be included in a City-wide IPM policy?
- How should operational impacts be considered?

NEXT STEPS

- Take feedback from this discussion and draft a city-wide IPM policy
- Bring draft policy back to the Climate Action Subcommittee for recommendation to City Council
- City Council considers adoption of a City-Wide IPM policy
- Add IPM policy into all contract bid documents and Departmental procedures

DISCUSSION & QUESTIONS

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