Annual Public Hearing: Pest management on San Francisco City properties

July 28, 2021
1. Call to order

2. Introduction, context, initiatives, and trends. Speaker: Chris Geiger, PhD, Integrated Pest Management Program Manager, San Francisco Department of the Environment

   Public Comment

3. Presentation by representatives from City departments that requested pesticide exemptions or used pesticides on the “most restricted” list in Fiscal Year 2020-2021. Speakers: Chris Geiger, Integrated Pest Management Program Manager, San Francisco Department of the Environment; Department of Recreation & Parks; Public Works; San Francisco International Airport; Port of San Francisco; Pestec; San Francisco Public Utilities Commission

   Public Comment

4. General Public Comment

5. Adjourn
What is Integrated Pest Management (IPM)?

- **Design/Maintenance**
- **Physical-Mechanical**
- **Biological**
- **Chemical**
- **Most Risky**

- Prevention
- Traps, vacuum, removal
- Pheromones, lures
- Pesticides

Pesticides, lures, traps, vacuum, removal, and prevention are techniques used in Integrated Pest Management (IPM) to control pests. The pyramid illustrates the hierarchy of these methods,

from the least risky (Design/Maintenance) to the most risky (Chemical).
What is Integrated Pest Management (IPM)?

- Biological
- Physical-Mechanical
- Chemical
- Most Risky

Prevention!
Background: IPM ordinance mandates

- IPM approach
- Restrictions on pesticides
- Exemptions
- Posting
- Recordkeeping
- Contractor compliance
- Annual public hearing
Trainings, trainings, trainings
Non-chemical methods
Stubborn weed problems remain
Poison oak
Steep slopes
Major projects: Pest Prevention By Design
Pest Prevention by Design - Landscapes

Authoritative guidelines for designing out pests

SF Environment
Our home. Our city. Our planet.
A Department of the City and County of San Francisco
4.10
CHAPTER
4. PHYSICAL BARRIERS
TACTIC
Install underground root barriers
PARAGRAPH SUMMARY
Design and install barriers in between

4.11
CHAPTER
4. PHYSICAL BARRIERS
TACTIC
Use edging at boundaries
PARAGRAPH SUMMARY
The purpose of edging is to restrict weed

4.12
CHAPTER
4. PHYSICAL BARRIERS
TACTIC
Install mowstrips
PARAGRAPH SUMMARY
Install mowstrips along fence lines or along...
Background: Our screening system
SF Environment risk reduction priorities

“Most limited” pesticides

- Garlon 4 Ultra
- Turflon Ester
- Roundup Custom – >99% reduction since 2010
- Heritage Fungicide
- Giant Destroyer (smoke bomb)
- Top Gun All Weather Bait Block Rodenticide

\[ 95.9\% \text{ reduction since 2010} \]
Exemptions history

- **Regular exemptions**
- **Trial exemptions**
Citywide – All pesticides
Citywide – Tier I
Airport – Tier I herbicides
PUC (in City) – Tier I herbicides
Rec & Park – Tier I herbicides
Public Works
– Tier I herbicides
Pesticide trends data

sfenvironment.org/pest-management-for-city-departments

Go to “Trends”
Public comment

1 - 415 - 655 - 0001
Access Code: 146 057 1798
Press *3 to be in the queue
Thank you!

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