

SUSTAINABLE PEST MANAGEMENT IN CALIFORNIA



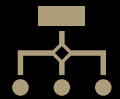
OVERVIEW



California Environment Surrounding Pesticides



The Evolution of SPM Workgroup



Recommendations for California/Washington Agriculture

Pesticides in CA Pre-SPM

- ◇ Anti-Pesticide Environment
- ◇ Chlorpyrifos Regulatory Action
 - ◇ Granular formulation preserved
- ◇ Legislation to Ban
- ◇ Governor's Compromise
 - ◇ Phase out
 - ◇ Alternatives Workgroup
 - ◇ Sustainable Pest Management Workgroup



Sustainable Pest Management Workgroup

- ◆ Initiated by Governor Newsom
- ◆ Led by Secretaries Ross (CDFA), Blumenfeld/Garcia (Cal/EPA), and Directors Dolcini/Henderson (DPR)
- ◆ 25 members focused on agriculture; 8 members focused on urban issues
- ◆ A total of 33 members representing diverse interests charged with aligning on a pathway to minimize reliance on the use of toxic pesticides and promote solutions that protect health and safety, are agronomically and economically sound, eliminate racial and other disparities, and engage, educate, and promote collaboration toward safe, sustainable pest management practices in in production agriculture

SPMWG Process

- ◇ COVID
- ◇ Professional Facilitation by Ag Innovations
- ◇ One in person field trip
- ◇ One in person meeting
- ◇ Numerous Zoom meetings over close to two years

Agriculture Concerns

- ◆ Eliminating tools pesticides from the toolkit
- ◆ Availability of Alternatives
- ◆ Urban/agriculture interface
- ◆ Invasive Pests
- ◆ Sticks without carrots



Environmental Concerns

- ◇ Anti-pesticide/corporate farming
- ◇ Pro organic/small farming
- ◇ Worker exposure
- ◇ Community exposure
- ◇ Environmental exposure



California Concerns

- ◆ Protect environment
- ◆ Eliminate/avoid human exposure
- ◆ Reduce/eliminate harmful effects of pesticides
- ◆ Appreciate the needs of agriculture
- ◆ Balance interests



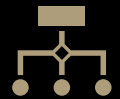
SPM BATTLE



Agriculture



Environment



Agency

A BOLD PLAN FOR A SUSTAINABLE FUTURE



“By 2050, pest management approaches in both agricultural and urban contexts in California will promote human health and safety, ecosystem resilience, agricultural sustainability, community wellbeing, and economic vitality. The implementation of these approaches will help steward the state’s natural and cultural resources, enabling healthy lives for all and an abundant, healthy food supply for future generations.”



READ THE ROADMAP

www.cdpr.ca.gov/docs/sustainable_pest_management_roadmap/

What is SPM

- ◇ Sustainable Pest Management (SPM) is a holistic, whole-system approach applicable in agricultural and other managed ecosystems and urban and rural communities that builds on the concept of integrated pest management (IPM) to include the wider context of the **three sustainability pillars**



North Star

2050 Goals for California Pest Management

1

BY 2050...

California has eliminated the use of Priority Pesticides by transitioning to sustainable pest management practices.

2

BY 2050...

Sustainable pest management has been adopted as the de facto pest management system in California.

A priority outcome of these 2050 goals is the elimination of the adverse human health and environmental impacts associated with pesticide use.

Keystone Actions

A. Prioritize Prevention

Strengthen California's commitment to pest prevention by proactively preventing the establishment of new invasive pest species, and by proactively eliminating pest-conducive conditions both in agricultural and urban settings.

B. Coordinate State-Level Leadership

Create an accountable and connected leadership structure to champion SPM in the field, effectively embed SPM principles across agencies, and improve coordination.

C. Invest in Building SPM Knowledge

Significantly invest in SPM-focused research and outreach so that all pest management practitioners have equal and adequate access to the support and resources necessary to develop and implement their own SPM system.

In Agricultural Pest Management:

- Secure a significant increase in SPM-trained technical advisors and funding for SPM multi-directional research and outreach.

In Urban Pest Management:

- Expand funding and infrastructure for urban SPM research, innovation, and outreach to align with and reflect the volume and impacts of pesticides used in urban contexts.

D. Improve California's Pesticide Registration Processes and Bring Alternative Products to Market

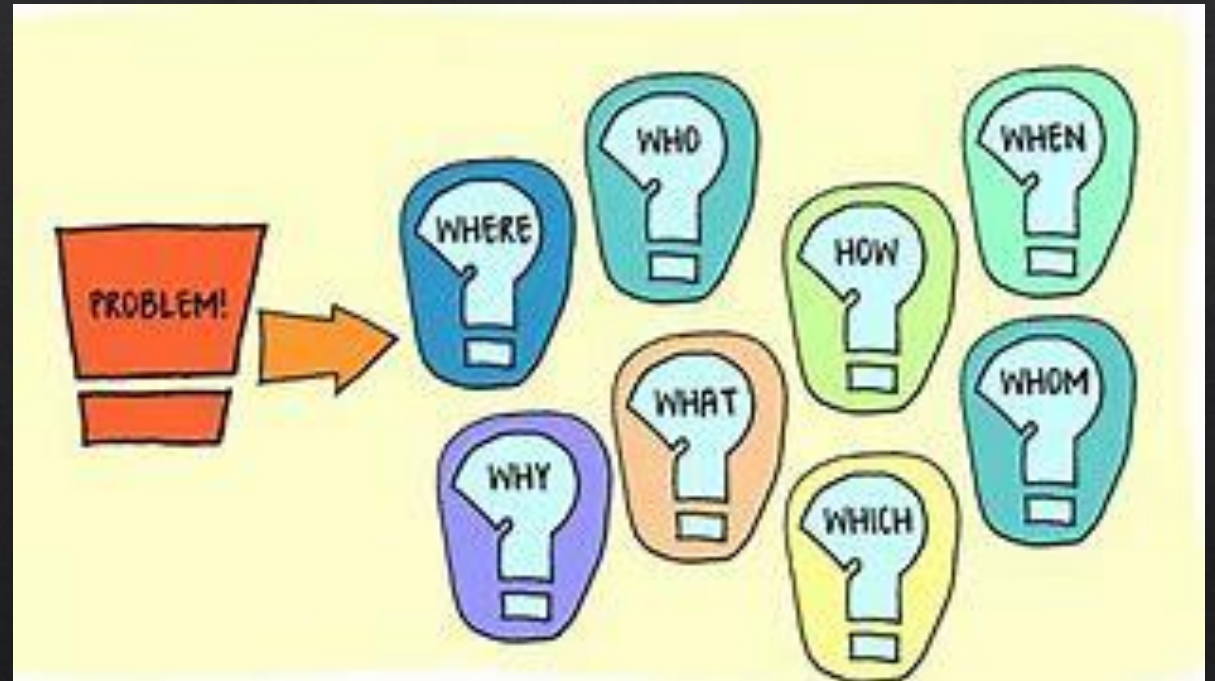
Create mechanisms to improve DPR's registration review process and to prioritize and expedite safer, more sustainable alternative products to high-risk pesticides, and improve processes for evaluating currently registered pesticides.

E. Enhance Monitoring and Data Collection

Significantly expand and fully fund health & environmental monitoring infrastructure, data collection, and interpretation.

Recommendations for CA/Washington

- ◆ Get in the room
- ◆ Listen to understand
- ◆ Be patient
- ◆ Advocate for real solutions that solve
- ◆ the regulators problems



THANK YOU

