

# University of California Cooperative Extension

## Contra Costa County: 100 Years & Counting!



Problem-solvers, catalysts, collaborators, stewards and educators.  
Since 1914, UCCE scientists and academics, along with community partners, have been helping make California the nation's leading agricultural state.

# University of California Cooperative Extension

- a National/Local Publicly Funded Educational System
- Links Education and Research through  
Land Grant Universities with County Residents
- Specialists @ UC Berkeley, Davis, Riverside, Merced,  
Santa Cruz - Statewide Scope
- Advisors - County Based/Regionally-Focused
- Use SCIENTIFIC Research to Meet Community Needs

## UCANR Strategic Initiatives



## Endemic/Invasive Pests & Diseases



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## Healthy Families & Communities



## **Sustainable Food Systems**



## **Sustainable Natural Ecosystems**



## **Water Quality, Quantity and Security**

# UCCE Alameda & Contra Costa Counties



Goal: Work As a Team To:

- Collaborate with Local Communities
- Identify Critical Emerging Community Needs in  
Agricultural, Natural Resources & Family Sciences
- Develop Research & Educational Programs  
to Help Solve Local Problems



# Our Approach to Outreach, Action and Involvement

**1. Identify Issue**

**2. Conduct Research**

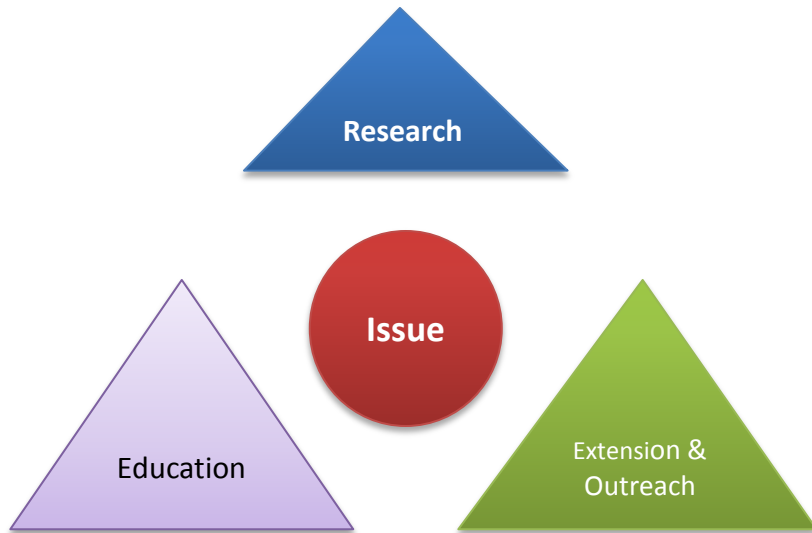
**3. Measure/Monitor Potential  
Impact**

**4. Select Educational  
Approach**

**5. Conduct Outreach &  
Program**

**Assess & Evaluate;  
ID Further Needs.**

**...100 Years & Counting!**



# Statewide Urban Ag Needs Assessment Findings



## Challenges & Barriers in Urban & Community Ag

- Land & Water Access
- Soil Quality/Contamination
- Crop Pest & Disease Management
- Water Management

# Statewide Urban Ag Needs Assessment Findings

## Challenges/Barriers & Needs in Urban & Community Ag

- **Securing Capital/Funding**
- **Zoning/City Ordinances**
- **Animal Husbandry**
- **Post Harvest Handling**
- **Marketing/Distribution**



# Grower-Identified Needs

Workshops/Trainings & Educational Materials  
for New/Experienced Urban Growers

Understanding of Risk Management as Per:

- Local & State Regulations/Liability/Fines
- Site History/Land Access/Planning
- Heavy Metals-Safe Growing Practices
- Food Safety/Pest Management Practices
- Small Business Risk Management



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# **Response: Soil Consultations/Workshops for Urban Growers on Managing Soils/Risk**



- I. Improving Soil Quality  
for Urban Food Growers**
- II. Soil Sample Collection**
- III. Advanced Soil  
Management**

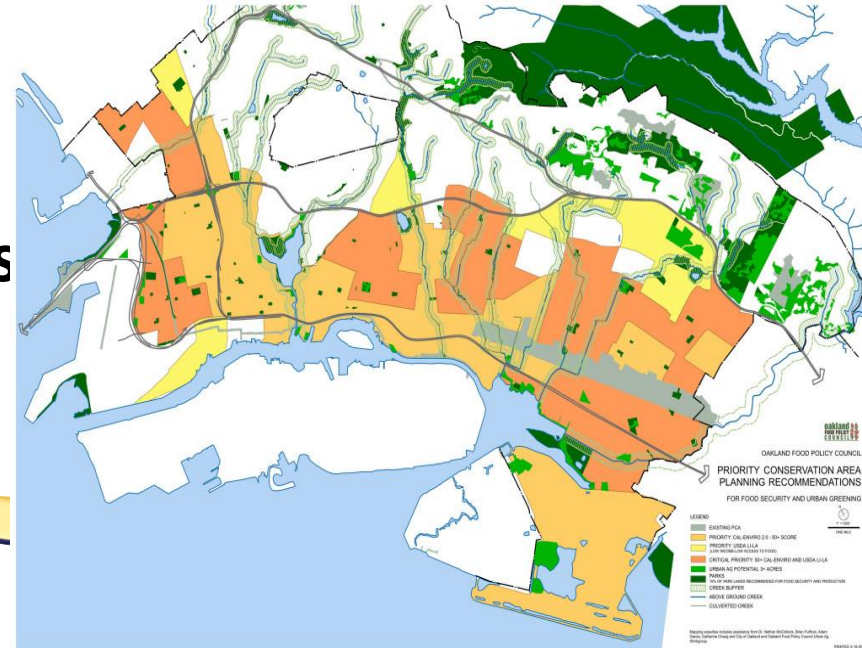


# Response: Mapping Oakland's Urban Ag Potential Spaces

Oakland-> Alameda-> Bay Area



- **Mapping Potential Grower Sites**
  - Vacant lots, Housing Authority, Edible Greenways
- **+ Eco-System Services**
  - Soil Quality
  - Pollinators/Pests/Beneficials
  - Yield-Productivity



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# 100 Years of Cooperative Extension

## **Practical. Connected. Trusted.**

UC Agriculture & Natural Resources is celebrating the centennial of the passage of the Smith-Lever Act and the beginning of Cooperative Extension in California.

- Local Programs:
  - Master Gardeners
  - 4-H
  - Viticulture
  - Weed Science
  - IPM
  - Livestock/Rangeland & Natural Resources Mgmt
  - Watershed Management
  - Urban Ag
  - Food Systems

# People we Serve

- ✓ Low-income Families
- ✓ Grandparents
- ✓ Senior Citizens
- ✓ Low-income mothers with young children
- ✓ Schools serving low-income children
- ✓ Teens
- ✓ Community Based Organizations
- ✓ Park and Recreation Department
- ✓ Youth Development Professionals.
- ✓ Community Health/Human Services Providers
- ✓ Professional Organizations
- ✓ School and Public Ground Services Agencies
- ✓ General Public



**Supported by Alameda & Contra Costa County Agriculture Departments!**



**Caption: Workshop at the Gill Tract**



# **UC Cooperative Extension**

**Serving the People of the  
San Francisco  
Bay Area Counties!!!**

**By Rob Bennaton,  
Bay Area Urban Agriculture Advisor  
510-670-5621  
[rbennaton@ucanr.edu](mailto:rbennaton@ucanr.edu)**



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