

# 2003 Overview of Program Accomplishments, Scheduled, and Future Activities



**Vince Hebert (Analytical Chemist)**  
**Elizabeth Tomaszewska (Lab Coordinator)**  
**Jane LePage (Research Tech.)**  
**Ken Holshue (Grad. Researcher)**  
**Doria Monter-Rogers (QAU)**

## ***Program Accomplishments: October 2002 to Present***

- **Year 2 Kinetic Behavior Assessments Of Aged Pheromone Dispensers (E. Tomaszewka, V. Hebert, J. Brunner, WSU TFREC)**
- **Validation of Volatile Trapping System to Assess Pheromone Release Kinetics (E. Tomaszewka, V. Hebert, Jay Brunner, WSU)**
- **Atmospheric Reactivity of Codlemone [(E,E) 8,10 Dodecadienol] (V. Hebert)**
- **Quantification Of Spray Drift And Human Exposure From Field Applications Of Monitor® 4 On Potatoes (E. Tomaszewka, V. Hebert, J. LePage, A. Felsot, Richard Fenske, UW)**

# ***Program Accomplishments: October 2002 to Present***

- **4 Peer-Reviewed Journal and Book Chapter Publications**
- **5 Technical Reports**

# ***Scheduled Activities through November 2003***

## **Regional IR-4 Magnitude of the Residue Activities**

- 1) Hexythiazox in/on potatoes**
  - a) Method development**
  - b) Residue analysis**
  
- 2) Lambda cyhalothrin in/on asparagus**
  - a) Method development**

## 2003 Off-Target Herbicide Monitoring Program (K. Holshue, J. LePage, V. Hebert)

- ***Objective:***

**Gather off-target herbicide data in air, deposition samples in conjunction with bioassay evaluations on vines at each of 6 vineyard locations in the Walla Walla Valley.**

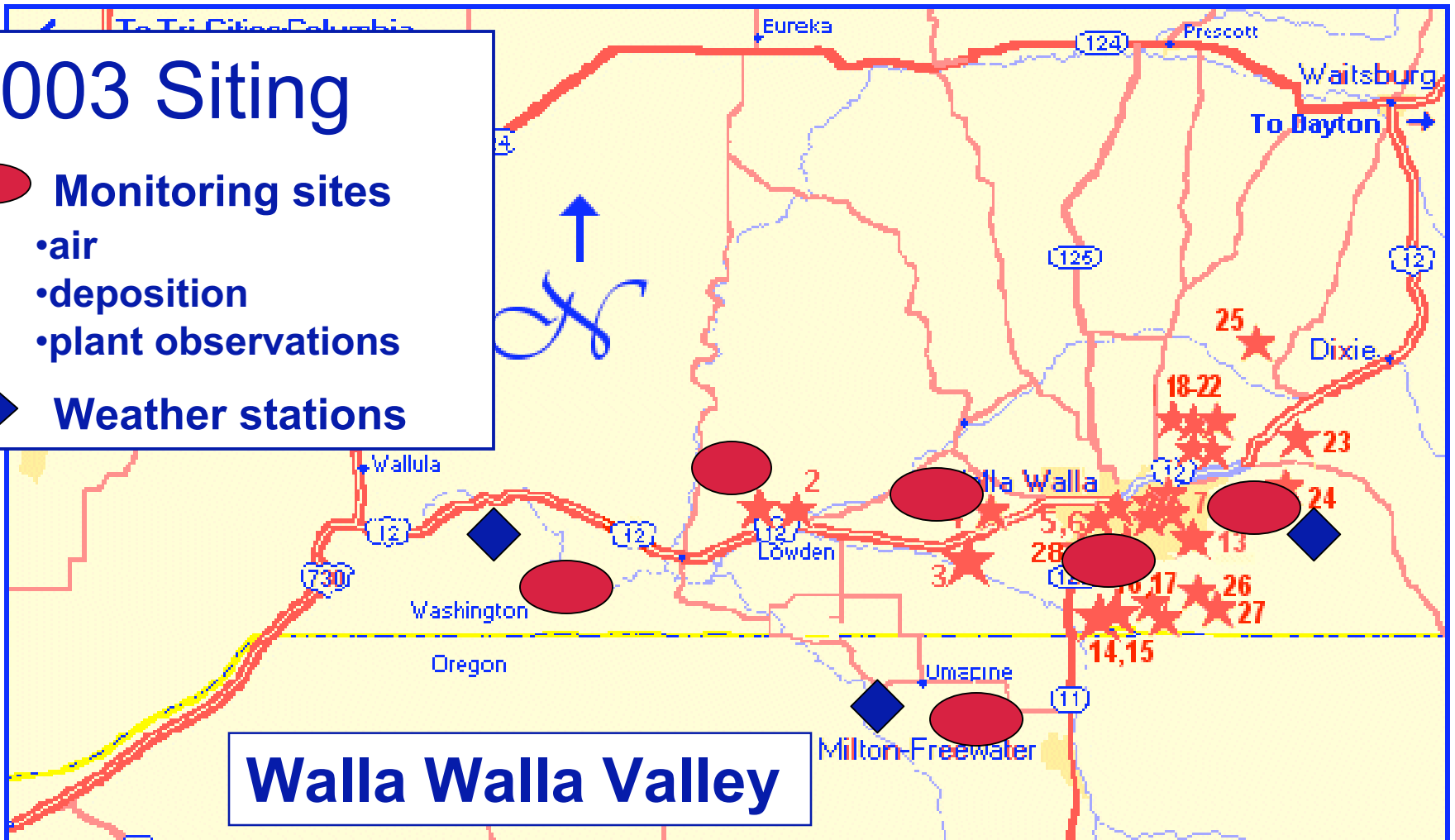






# 2003 Siting

- Monitoring sites
  - air
  - deposition
  - plant observations
- ◆ Weather stations



## **2003 Monitoring Program Expected outcomes**

- **Share information with regional stakeholders to evaluate the need for modifying region-based herbicide application practices**

## **Communication of results, technical reports and publications**

- **December 2003 to June 2004**

***Study funded by: EPA Region 10***

***Washington Wine Advisory Board***

# ***Other Scheduled Activities through November 2003***

## **Codling Moth Mating Disruption**

### **Field aged pheromone dispenser evaluations**

- **Residual analysis (E. Tomaszewska, J. LePage)**
- **Volatile trapping system (E. Tomaszewska, J. LePage)**

## ***Slated 2003 Activities***

### **Pesticide Residues in U.S. Hops Exports (V. Hebert, E. Tomaszewska).**

- **Objective: Assist in the development of multi-residue and specific analytical methods to assess pesticide residues in hops slated for export (protocol development in progress)**

## 2003 Ambient air assessment of MITC (methyl isothiocyanate) emissions from agricultural fields in Franklin County, WA

- Objective: Assess MITC in ambient air of Vapam by two standard field application techniques (EPA RFP 5/03; slated field research start date 10/03 )

Ambient air sampler →

