





2018 Update for CSRD
 Melissa Tesche, M.Sc.
 Acting General Manager
 mtesche@oksir.org | 250-469-6182



 **Outline: 5 years in 10 minutes**

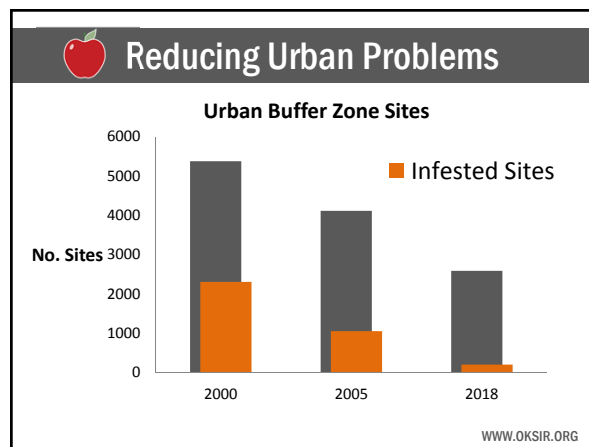
1. Program Results (2018)
2. Financial Highlights
3. Snapshot of the Program Today
4. Possible Future Directions

 **Great Results in 2018**

WINNER
 International
 Integrated Pest
 Management Award
 of Excellence
2015
 Recipient of the prestigious
 International IPM Award of
 Excellence for Regional
 Integrated Pest Management
 Program

Return to program-wide SIT (2015)
 Pesticides for CM ↓ (94%)
 93% acreage >0.2% damage
 Wild captures ↓ (94%)

WWW.OKSIR.ORG



 **2018: Financials Still Strong**

No tax increase for 2018
 (Last increase in 2010)


Irradiator purchase under budget
 (~\$400,000 left in capital reserve)

\$3.6M w/ operating surplus
 (Big savings: utilities, waste mgmt)
 (Alternative revenue streams)

Increasing Acreage



WWW.OKSIR.ORG

 **20+ Years and Still So Relevant**

Residents and Tourists

- ↑ Population & Development
(desire for 'pastoral' lifestyle)
- ↑ Environmental Awareness
(local/provincial pesticide bans)
- Changing Consumer Demands
(local and sustainable/low-input/organic)

People Want Healthy Communities with a Tradition of Agriculture

Orchardists

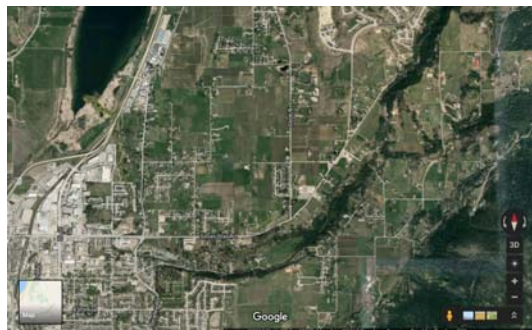
- Changing Climate
(timing and monitoring more important)
- Changing Pests
(early surveillance is key)
- Changing Pesticide Rules
(can chemicals keep pace?)

Agricultural Pests are a Regional Problem that need Area-Wide Control

WWW.OKSIR.ORG



20+ Years and Still So Relevant



Internal Service Review

1) Benefit-Cost Analysis (L. Cartier, Okanagan College)

- i. 250% ROI (employment and producer benefits)
- ii. Non-agricultural willingness to pay = 90.4% (n=506, 109 RDOS)

2) Statistical Analysis of Control Tactics (Dr. P. Gill, UBC-O)

- i. Mating disruption losing ground

3) External Review (IAEA supplied experts)

- i. List of technical, operational, and administrative recommendations



WWW.OKSIR.ORG



Strategic Plan (2015, 2017)

OKSIR Strategic Plan (spring 2015, updated fall 2017))

- 1) Capital Replacement
- 2) Funding & Business Dev.
- 3) Technical Support
- 4) Succession Planning



WWW.OKSIR.ORG

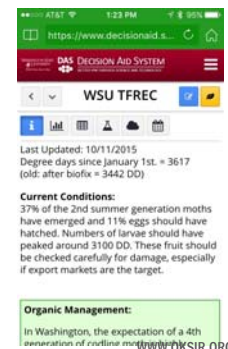


DAS = Better Spray Decisions

BC Climate Action Initiative Agricultural Adaptation Big Worries: Water and Pests.

WSU's Decision Aid System Precision pest management

Collaborative Effort to Adapt for Okanagan Benefits for both agriculture and urban



WWW.OKSIR.ORG



www.oksir.org

SIR: Good for our Communities, Good for our Environment, Good for our Economy.

