



OKSIR 2019 Update

1. Program Results (2018/2019)
2. Finance and Governance Update
3. Challenges in CM Control
4. Opportunities for OKSIR





OKSIR in 2018/19



Program Target

90% of program having less than 0.2% damage at harvest.

2019 Service Area

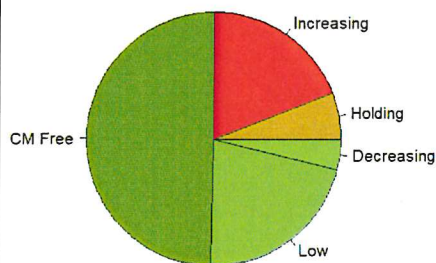
1725 Orchards

8,135 acres (45% in RDOS)

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CM Results in 2018



CM Trends from 2018

50% of orchards CM free.

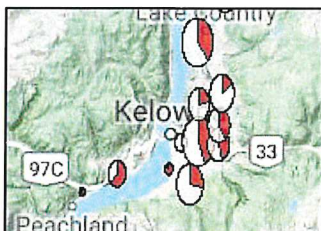
The worst 10% of orchards have 75% of all wild captures.

The worst 1% of orchards have 25% of wild moths.

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CM Results in 2018



% of area with increasing CM levels

Ellison	383	21
Rutland	407	39
Glenmore	203	18
Belgo	258	50
Benvoulin	122	8
East Kelowna	679	45
South Kelowna	395	27
OK Mission	6	62
West Kelowna	80	60

CM Trends from 2018

88% acreage, 86% orchards met target damage level.

Tiny orchards showing the most extreme increases in damage.

Generally, codling moth pressure is rising.

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CM Action Plan for 2019



Tackling a growing area-wide problem:

Increased moth releases at neighbourhood levels

Supplementing with mating disruption

Increased outreach and compliance

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2019: Financials Still Strong

No tax increase for 2019

(Last increase in 2010)

\$3.7M operating budget
(parcel and land taxes)

RD tax apportionment
being revisited

Alternative revenue streams
(possible and happening)



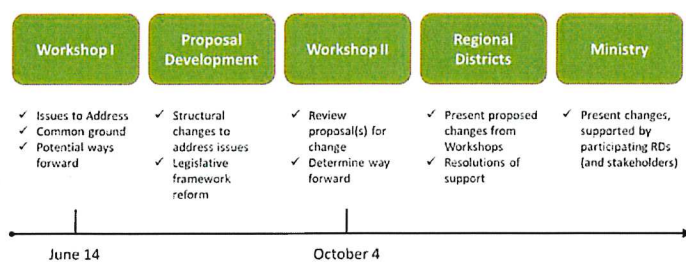
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2019: Governance Review

MEVA Legislation 30 years old!

Governance Review underway
June 14 & Oct 4



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OKSIR Big Challenges

1. Changing Climate

2. Wood and Bin Movement

Chipping programs and
burning programs are
important!

3. Pome Fruit 'Perfect Storm'

4. Staffing



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OKSIR Big Opportunities

1. Update Technologies

UAV program coming 2020
Facility innovation/automation

2. Precision Agriculture

Put our data to better use!
DAS Program
PhD project w UBC-O

3. Excess Capacity Moth Sales

First commercial sales 2019
WA market ready & waiting



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Program Entomologist

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

