# Tart Cherry IPM <br> A Self-assessment Guide 

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## Overview

- Background - RAMP I \& II
- Tart Cherry IPM Framework
- Self-Assessment Guide
- IPM Scores


## RAMP I \& II

- Increase the likelihood of IPM adoption and self-reported use of IPM
- Test and refine innovative project evaluation system that measures the adoption of biointensive IPM


## IPM Framework

- Researched existing programs
- Defined the organizing structure
- Strategies $\rightarrow$ Tactics $\rightarrow$ Tools
- Identify and weight practices
- Ground-truth
- Grower \& industry focus groups

SELF-ASSESSMENT GUIDE

- Assess your level of IPM
- Compiled resource of tart cherry IPM practices
- Plan to improve your operation
- Resource for MAEAP and EQIP


## KEY Sources

- www.cherries.msu.edu
- 2012 Michigan Fruit Management Guide
- Fruit Crop Ecology and Management
- A Pocket Guide for IPM Scouting in Stone Fruit



## What's IN IT?

- Reference guide

4 Strategies
21 Tactics
73 tools

- Tally sheets
o Additional Resources


## Reference Guide

o 4 Chapters

- 1 tactic per page
- Tools and points


## TALLY SHEETS

- Facilitates scoring
- Reference guide page numbers
- Points
- MAEAP

Fruit*A*Syst practices


## TALLY SHEETS - PAGE 8

- Summary Table
- IPM Scale



## TALLY SHEETS - PagE 9

- Action Plan for Improvement
o Tools: "Receive advanced IPM training"
- Reference guide: p 2
- Notes: contact NWMHRS, find out dates \& cost, sign up, go to training
- Completion Date: February
 20-21, 2012


## AdDITIONAL RESOURCES

- Websites \& publications
- EQIP references
- MDA GAAMPS for Pest Utilization and Pest Control
- MAEAP Crop*A*Syst
 for Fruit Producers


## Survey Methods

- Pilot test
- Mailed to growers
- Reminder postcard
- $2^{\text {nd }}$ Mailing



## Response Rates

| State | 2004 (N=757) | $2008(\mathbf{N}=599)$ | $2010(\mathbf{N}=517)$ |
| :--- | :---: | :---: | :---: |
| Utah | $81 \%$ | $57 \%$ | $50 \%$ |
| Wisconsin | $60 \%$ | $61 \%$ | $49 \%$ |
| Michigan | $54 \%$ | $44 \%$ | $32 \%$ |
| NY | $44 \%$ | $40 \%$ | $28 \%$ |
| Overall | $\mathbf{5 4 \%}$ | $\mathbf{4 5} \%$ | $\mathbf{3 5} \%$ |


| Growing Season | $2003 \mathbf{( N = 4 0 1 )}$ | $2007(N=265)$ | $2009(\mathbf{N}=174)$ |
| :--- | ---: | ---: | ---: |
| Survey total acres | 32,405 | 27,072 | 21,373 |
| NASS acres | 37,300 | 37,412 | 37,412 |
| Survey \% of NASS | $\mathbf{8 7 \%}$ | $\mathbf{7 2 \%}$ | $\mathbf{5 7 \%}$ |

## SELF-REPORTED IPM UsE



## IPM SCORES 2010



## IPM SCORES 2004-2010



## STRATEGY 1 KNOWLEDGE \& EDUCATION



## Strategy 2 - Monitoring



## Strategy 3 - Pest Suppression



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