

## Organic and IPM priority setting for research, policy and education

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## Common Needs

- IPM and organic share common goals
- Both use systemic approaches
- Organic systems use many IPM practices
- Organic emphasizes prevention, cultural practices and biological control

## Key Differences

- Organic food production Federally regulated
- Most pesticides are prohibited for organic production
- IPM not bound by strict production rules, Federal standards or labeling requirements
- No consensus on what pesticides are incompatible with IPM production

## Research Priorities

- Insects
  - Spotted wing drosophila
  - Brown marmorated stink bug
  - Asian citrus psyllid
- Diseases
  - Citrus greening
  - Fireblight
  - Late blight
- Weeds

Spotted Wing Drosophila



*Drosophila suzukii*

Photo Credits: University of Massachusetts, Amherst

SWD Life Cycle

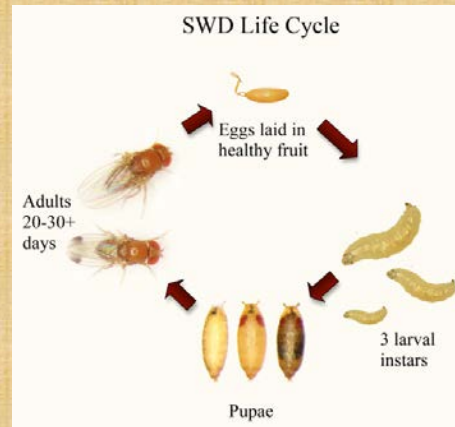


Photo Credits: University of Massachusetts, Amherst

Brown Marmorated Stink Bug



*Halyomorpha halys*

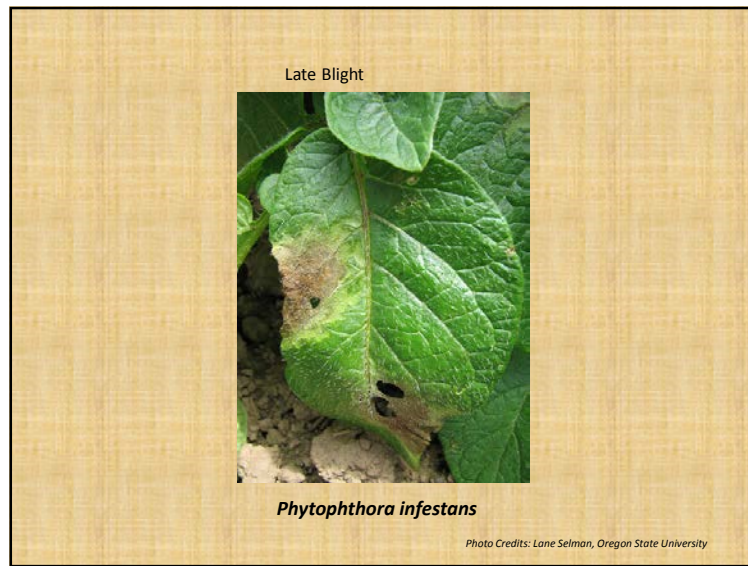
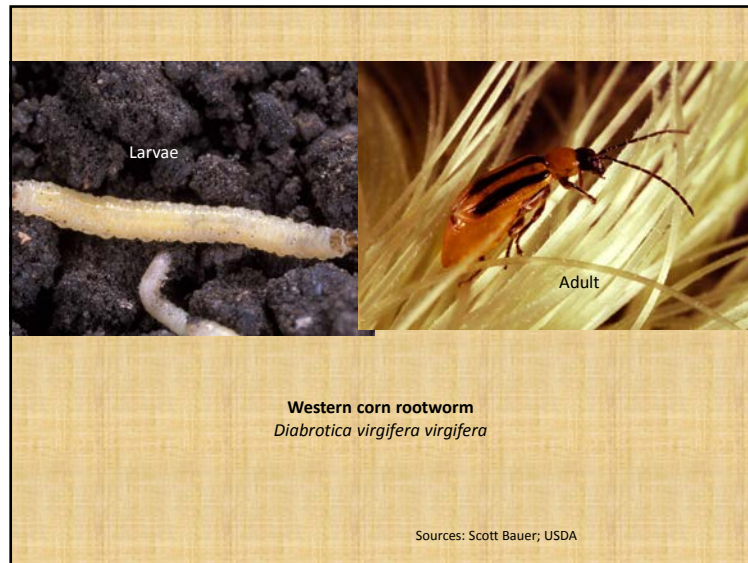
Photo Credit: David Lance, USDA APHIS

Asian citrus psyllid and Citrus Greening



*Diaphorina citri* and  
*Candidatus Liberobacter asiaticum*

Photo Credits: Tim Gottwald & Steve Garnsey, USDA APHIS



## Beyond Research

- Education
- Extension
- Technology Transfer
- Strategies

## Beyond Research

- Education
- Extension
- Technology Transfer
- Implementation
- Communication
- Strategies
- Management
- Marketing
- Capacity Building
- Policies

## Future of Organic and IPM

- Organic and IPM can work together synergistically
- While there are differences in approaches, there is much more in common
- The two communities need to understand one another
- Policymakers need to look at the opportunities for constructive collaboration

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## ACKNOWLEDGMENTS