



COOPERATIVE EXTENSION  
UNIVERSITY OF HAWAII AT MĀNOA  
COLLEGE OF TROPICAL AGRICULTURE AND HUMAN RESOURCES

# Avocado Lace Bug Insecticide Trials

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# Efficacy of individual Insecticides

- Admire Pro (AdP)** (2.8fl oz/acre, 14fl oz max, 10day interval) 4 apps (0.19ml/tree)
- Sivanto Prime (SiP)** (10.5-14fl oz/acre, 28fl oz max, 14day interval) 2 apps (0.89ml/tree)
- Movento (Mo)** (8-10fl oz/acre 25fl oz max, 14day interval) 2 apps (0.68ml/tree)
- Malathion 8 Aquamul (Ma)** (4.0-4.7fl oz/acre, 30day interval) 2 apps (0.32ml/tree)
- Pyganic 5.0\*** (Py) (15.61fl oz/acre) 4 apps (1.06ml/tree)
- Mycotrol ESO\*** (MyO) (0.25-1qt/acre, 5-10day interval) 4apps (2.17ml/tree)
- Molt X\*** (Mol) (10fl oz/acre, 7-10day interval) 4 apps (0.68ml/tree)
- Ecotec\*** (Eco) (1-4pints/100gal, 5day interval) 4 apps (4.35ml/tree)
- Entrust\*** (E) (1.25-3fl oz/acre, 9fl oz max, 7day interval) 2 apps (0.20ml/tree)
- M-Ped\*** (Mpe) (1-2%v/v, 7-14day interval) 4 apps (10ml/tree)
- Mustang\*\*** (Mus) (4.3fl oz/acre, 25.8fl oz max, 7-10day interval) 4 apps (0.29ml/tree)
- Control (C)**

*\*approved for use in organic production*

*\*\*Restricted Use Pesticide*



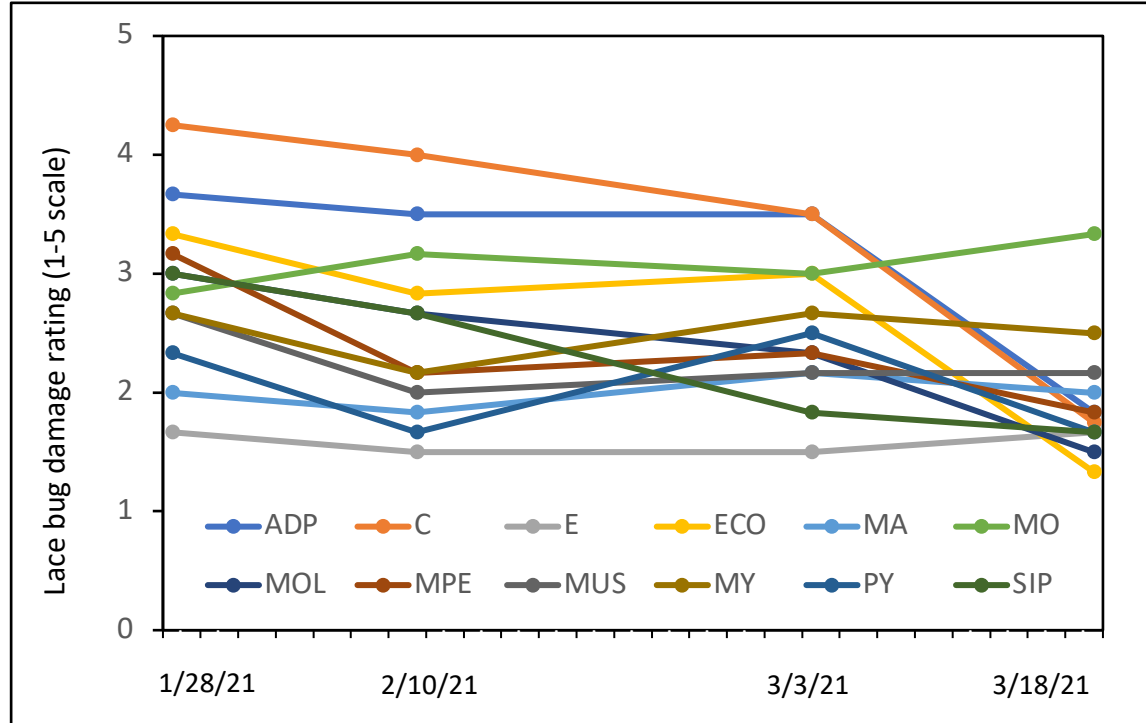
# Efficacy of Individual Insecticides



- 3 trees/chemical
- Applied via Mistblower
- 2L water/tree
- Surfactant - Kinetec
- Application Dates:
  - 2/5/21
  - 2/17/21
  - 3/3/21

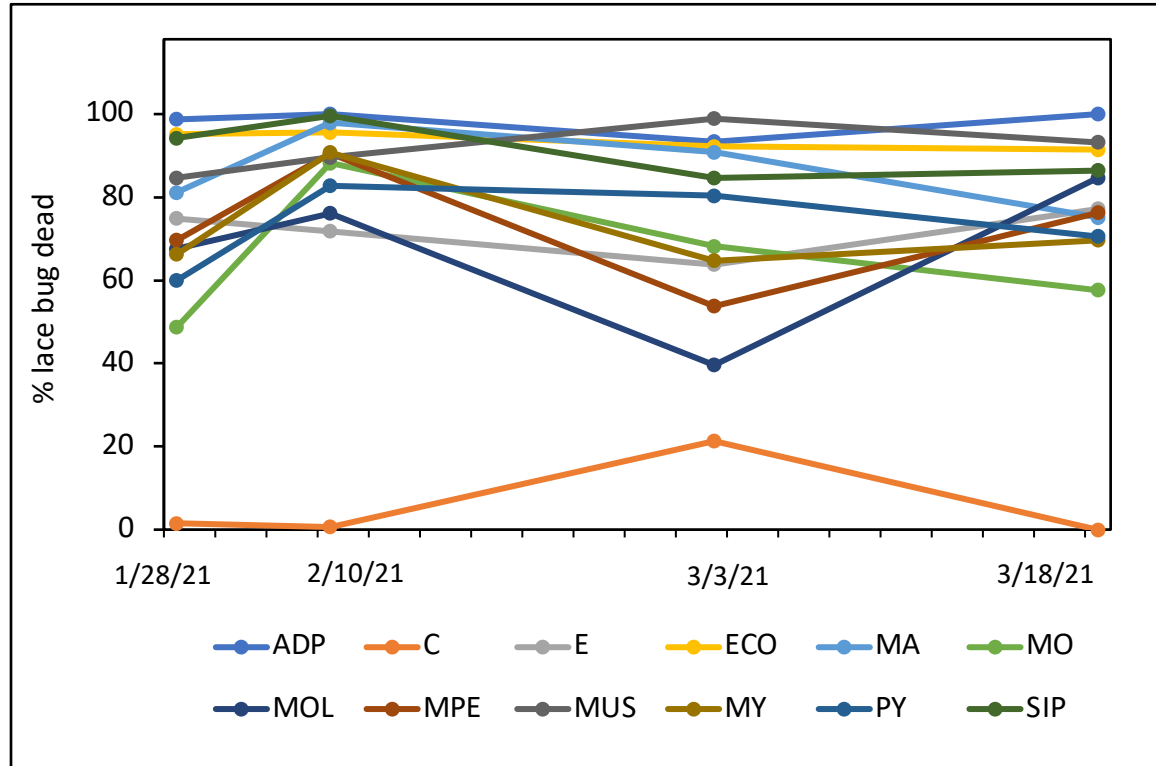


# Efficacy of individual Insecticides





# Efficacy of individual Insecticides





# Insecticide Rotation

## Conventional

Jan - Ecotec  
Feb - Admire  
March - Sivanto  
April - Ecotec  
May - Admire  
June - Malathion/Mustang  
July - Ecotec  
Aug - Admire  
Sept - Sivanto  
Oct - Ecotec  
Nov - Admire  
Dec - Malathion/Mustang

## Organic

Jan - Ecotec  
Feb - Mpede  
March - Ecotec  
April - Molt-x  
May - Ecotec  
June - Pyganic  
July - Ecotec  
Aug - Mycotrol  
Sept - Ecotec  
Oct - Entrust  
Nov - Ecotec  
Dec - Molt-x





# Insecticide Rotation



10 trees per Rotational Treatment  
Bi-weekly application

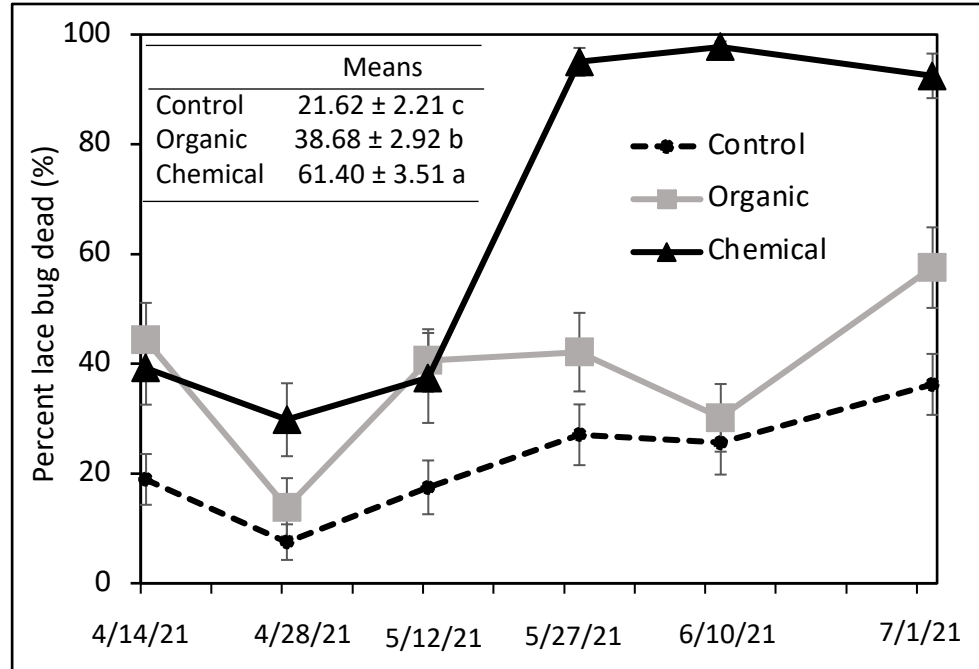
Application Via Mistblower  
2L of water per tree.

Application Dates:

- 4/5/21, 4/23/21
- 5/14/21, 5/23/21
- 6/23/21
- 7/7/21
- 8/9/21



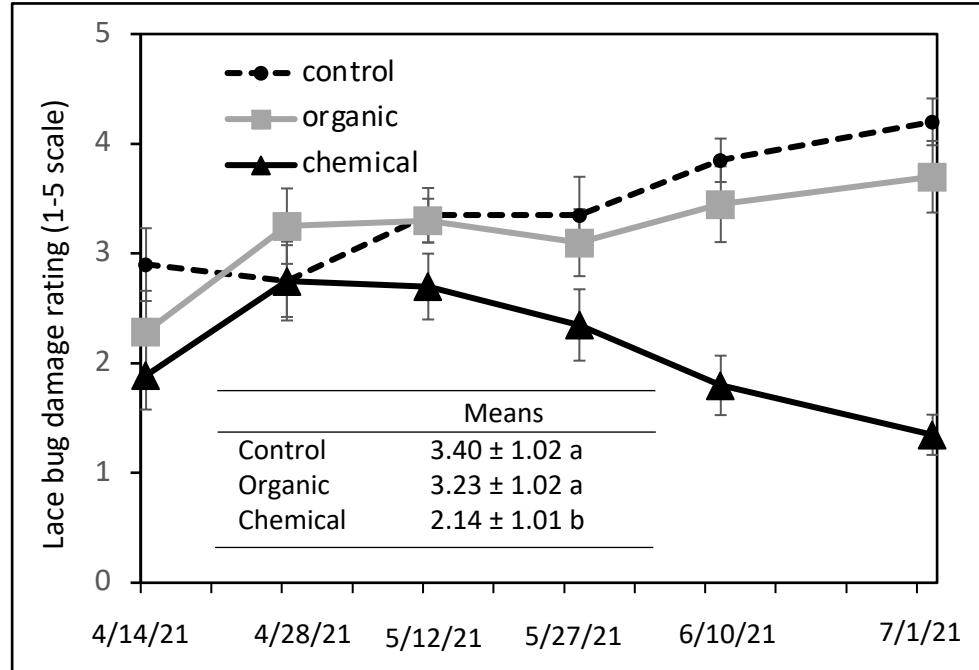
# Insecticide Rotation Rating







# Insecticide Rotation Rating





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