

Organic grape production: Agent training

Southern Region Small Fruit
Consortium

Nov. 5-7, 2005

Grape pesticides: VA recommendations - Organic

- Superior oil
- Bt
- Entrust
- Isomate GBM-Plus
- Surround
- JMS Stylet oil
- Pyrellin
- Aza-direct?
- M-Pede?

Grape pesticides:

VA recommendations – “Almost” Organic

- SpinTor
- Intrepid
- Agri-Mek

Grape pesticides:

VA recommendations – What's left?

- Danitol
- Sevin
- Imidan
- Diazinon
- Lannate
- Assail
- Provado
- Malathion
- Nexter

Grape pesticides: VA recommendations – What's left?

- Thionex
- Kelthane
- Vendex
- Acramite
- Lorsban 4E

Organic grape pest management

- Bud feeders
- Berry feeders
- Leaf feeders
- Root feeders

Organic grape pest management

- Bud feeders
 - Climbing cutworms
 - Entrust, Intrepid
 - Bt?
 - Grape flea beetle
 - Site selection, habitat modification?

Organic grape pest management

- Berry feeders
 - Grape berry moth
 - Redbanded leafroller
 - Yellowjackets

Organic grape pest management

- Grape berry moth
 - Mating disruption?
 - Entrust
 - Bt?
 - Intrepid (“Almost” category)
 - Site selection, habitat modification?

Organic grape pest management

- Leaf feeders
 - European red mite
 - Adult grape flea beetle
 - Grapeleaf skeletonizer
 - Grape leafhopper

Organic grape pest management

- European red mite
 - Biological control
 - Stylet oil
 - Pyrellin
 - Superior oil?

Organic grape pest management

- Root feeders
 - Grape root borer
 - Weed control
 - Nematodes?
 - Habitat modification?
 - Grape rootworm
 - Aim at foliar feeding adults