Pear Pest Management: an Ongoing Dilemma

InterPera
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Confluence Technology Center, Wenatchee, WA

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Pear IPM - Major Players in the PNW
Pear IPM - Minor Players

- Grape mealybug
- Stink bugs
- San Jose scale
- Pear slug
- Pear sawfly
- Pear leaf-curling midge
- Pear rust mite
- Pearleaf blister mite
- Leafrollers
A tale of two regions

Wenatchee River Valley
- Pears
- Apples
- Cherries

Yakima Valley
Resistance in Twospotted Spider Mite

Resistance Ratio

- Agri-Mek
- Acramite
- Fujimite
- Onager
- Zeal
- Envidor

C1-2013
C2-2013
C3-2013
Y1-2013
C1-2014
C2-2014
D1-2014
O1-2014
Resistance in Pear Psylla

Winterform adults

Corrected % Mortality at 1x Field Rate

- Admire
- AgriMek
- Delegate
- Nexter
- Pounce
- Warrior
Natural Enemies are your Best Friends!
Pesticide Management: 

Failure of a Strategy
Invasive species keep invading
“Pear Psylla Spray Signals To Be Given This Spring”

SPRAY TIME NEAR? -- Pear psylla overwintering adults are sought by Extension Agent F. A. (Bill) Rushmore, left, and Dr. Everett Burts of the Tree Fruit Research Center. When the flies reach the egg-laying stage, coordinated spraying will be signaled by field men making checks like this in all localities.

“A cooperative effort between TFREC, Coop. Extension, and the North Central Washington Fieldmen’s Association…”

“If all pear growers cooperate with their neighbors by applying a dormant spray for this insect, the population numbers can be reduced to a minimum before they get started.”