Implementation

IPM Decision Aids for Washington Tree Fruit

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Abstract: WSU has been developing IPM decision aids that will incorporate site-specific weather information from AgWeather Net and PAWS with insect and disease models, management recommendations, and information on the population status of the pests. Currently, we have six insect models (codling moth, pandemis leafroller, obliquebanded leafroller, San Jose scale, western cherry fruit fly, and apple maggot) and the WSU fire blight model (Cougar blight) up on the web. We will be adding several more insect models (Campylomma bug, Laccanobia fruitworm, white apple leafhopper) and disease models (cherry powdery mildew, Coryneum blight of stone fruits) this coming year. The system also incorporates the WSU spray guides electronically so that we can present the different pesticide options and their impacts on natural enemies and non-target pests. At present, the system is in a beta testing stage with participants from industry giving us feedback on the pest management warnings, desired features, and tips to improve the functioning of the interface.