

Integrated Pest Management Modules

Integrated Pest Management Modules (IPM) link your weather data to actual pest risk, giving you a powerful new tool in protecting your crops from pest damage. These add-on modules generate stepped risk levels to warn you when conditions are most susceptible to pest development. For full use of all the modules, we recommend:

- Vantage Pro2 or Pro2 Plus Weather Station
- Wireless Leaf & Soil Moisture/Temperature Station (without sensors)
- Leaf Wetness Sensor
- WeatherLink for Windows
- Vantage Connect for remote access to your weather data

While each software comes loaded with pest models for all known pests (including diseases, insects and mites), you can completely customize your IPM software to track the pests specific to your area. That data is transformed into a color-coded spreadsheet, illustrating the highest risk potentials in red. Because you use real-time data from your own vineyard or orchard weather sensors, the software's updated pest development algorithms will provide you with the most accurate, crop-specific risk assessment available. For use with all WeatherLink models (Mac excluded).

6571 Integrated Pest Management Module for Grapes

6572 Integrated Pest Management Module for Apples & Pears

6573 Integrated Pest Management Module for Stone Fruits

6574 Integrated Pest Management Module for Nut Trees

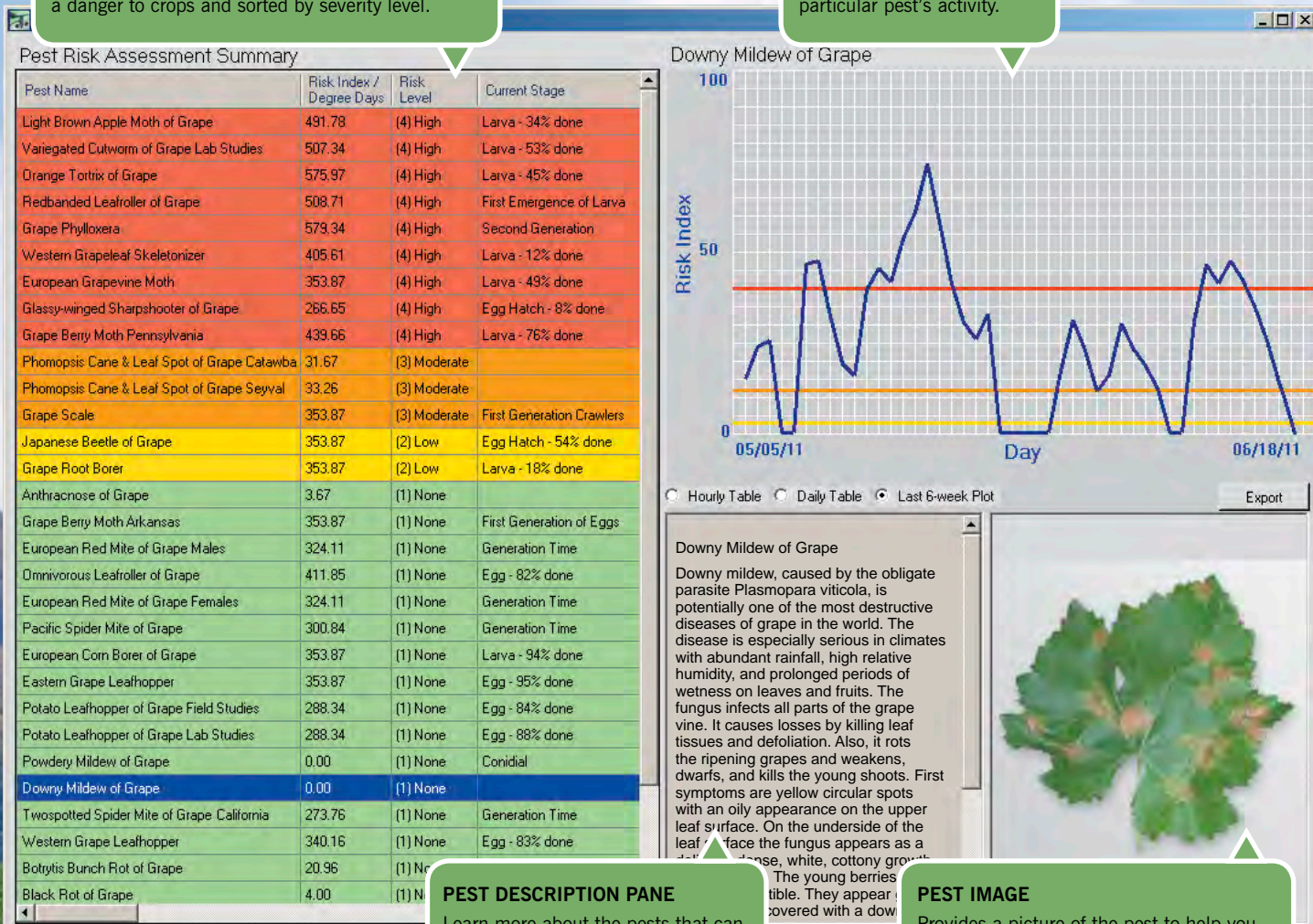


PEST RISK ASSESSMENT SUMMARY

Color-coded to identify which pests currently pose a danger to crops and sorted by severity level.

DATA PANE

Displays last 6 weeks of a particular pest's activity.



REQUIRES: Vantage Pro2 or Vantage Pro2 Plus with a Wireless Leaf & Soil Moisture/Temperature Station and Leaf Wetness Sensor; and WeatherLink for Windows (any model), version 5.6 or later. Windows XP SP3 or above. Compatible with Weather Envoy and Envoy8X.

IPM for Grapes



DISEASES

- Anthracnose
- Black Rot
- Botrytis Bunch Rot
- Downy Mildew
- Phomopsis Cane & Leaf Spot
- Powdery Mildew

PREDICTS 21 INSECTS AND MITES:

- Eastern Grape Leafhopper
- European Corn Borer
- European Grapevine Moth

- European Red Mite
- Glassy-winged Sharpshooter
- Grape Berry Moth
- Grape Phylloxera
- Grape Root Borer
- Grape Scale
- Japanese Beetle
- Light Brown Apple Moth
- Omnivorous Leafroller
- Orange Tortrix
- Pacific Spider Mite
- Potato Leafhopper
- Redbanded Leafroller
- Twospotted Spider Mite
- Variegated Cutworm
- Vine Mealybug
- Western Grape Leafhopper
- Western Grapeleaf Skeletonizer

IPM for Stone Fruits



DISEASES AND MODELS EMPLOYED

- American Brown Rot
- Cherry Leaf Spot
- European Brown Rot
- Peach Leaf Curl
- Powdery Mildew of Cherry
- Prune Rust
- Shot Hole of Cherry and Peach
- Phenology Model of Peach, Plum & Prune, Nectarine, Apricot and Sweet Cherry Trees

PREDICTS 18 INSECTS AND MITES:

- Codling Moth
- European Red Mite
- Fruittree Leafroller
- Green Peach Aphid
- Japanese Beetle
- Lygus Bug
- Obliquebanded Leafroller
- Omnivorous Leafroller
- Orange Tortrix
- Oriental Fruit Moth
- Pacific Spider Mite
- Peach Twig Borer
- Peachtree Borer
- Plum Curculio
- Plum Fruit Moth
- San Jose Scale
- Twospotted Spider Mite
- Western Cherry Fruit Fly

IPM for Apples & Pears



DISEASES AND MODELS EMPLOYED

- 4 Apple Scab Models (Ascospore Maturity, Modified Mills Table & Revised Mills Table, A-Scab)
- 3 Fire Blight Models (CougarBlight, Maryblyt, Billings Integrated System)
- 2 Sooty Blotch & Flyspeck Models (Brown & Sutton, Cool Climate)
- Powdery Mildew of Apple
- Brown Spot of Pear
- Cedar Apple Rust
- Black Rot of Apple (Leaf & Fruit)
- Phenology Model of Apple Tree

PREDICTS 22 INSECTS AND MITES:

- Apple Maggot
- Codling Moth
- European Red Mite
- Fruittree Leafroller
- Green Apple Aphid
- Japanese Beetle
- Light Brown Apple Moth
- Lygus Bug
- Mediterranean Fruit Fly
- Obliquebanded Leafroller
- Omnivorous Leafroller
- Orange Tortrix
- Oriental Fruit Moth
- Pacific Spider Mite
- Pandemis Leafroller
- Potato Leafhopper
- Redbanded Leafroller
- San Jose Scale
- Spotted Tentiform Leafminer
- Tufted Apple Bud Moth
- Twospotted Spider Mite
- White Apple Leafhopper

IPM for Nut Trees



DISEASES PREDICTED & MODELS EMPLOYED

- Alternaria Leaf Spot of Almond
- Anthracnose of Almond
- Panicle and Shoot Blight of Pistachio
- Pecan Scab
- Walnut Blight

INSECTS & MITES PREDICTED

- Codling Moth
- European Red Mite
- Fruittree Leafroller
- Lygus Bug
- Navel Orangeworm
- Obliquebanded Leafroller
- Oriental Fruit Moth
- Pacific Spider Mite
- Peach Twig Borer
- Peachtree Borer
- San Jose Scale
- Twospotted Spider Mite
- Walnut Husk Fly

Add-on module for WeatherLink

Agricultural/Turf Management Software Module

Optional software module adds specialized reports for farmers, growers and turf managers with user-defined growing season and 24-hour period. Software reports:

- Evapotranspiration
- Chilling requirements
- Leaf wetness and soil temperature hours
- Growing degree-days
- Temperature-humidity hours
- Crop water management (with irrigation values and user-entered K-factor profiles)

For use with all WeatherLink models (except Mac version). Some reports require the use of optional sensors (e.g. temperature probes, leaf wetness sensor, etc.). Evapotranspiration reports require data from a solar radiation sensor.

6511 Agricultural/Turf Management Module

