Davis’ Integrated Pest Management Module for Apples & Pears offers you a solution in the ongoing battle against pest damage. This add-on module works with Davis’ Vantage Pro2® and Pro2 Plus Weather Stations and WeatherLink® software to gather the localized temperature, humidity, rain and leaf wetness data you need to protect your crops.

- Customize the module to track diseases and insects that affect apples and pears in your specific area.
- View your data online or download to your computer to analyze, identify and assess current risk levels of each known pest.
- See at a glance when conditions are most optimal for pest development so you can take any necessary action before any damage can begin.
- Add our new Vantage Connect® to your setup and use mobile technology to view weather conditions and receive weather alerts in real time—even from the most remote section of your orchard.
- Choose the Vantage Pro2 or Pro2 Plus Weather Stations with 24-Hour Fan-Aspirated Radiation Shields to ensure the highest level of temperature and humidity accuracy.
IPM for Apples & Pears comes loaded with the most complete set of pest models (including diseases, insects and mites) on the market today.

As no two orchards are alike, Davis developed the IPM module to be adaptable so that you can choose to monitor only the pests specific to your area. Your data is then transformed into a color-coded spreadsheet, illustrating the highest risk potentials in red (as illustrated below).

By using IPM for Apples & Pears to monitor your risk, you can better determine when pest control actions (including pesticide applications) are necessary and would be most effective. Not only can this save you time and money, it could translate to a higher crop yield as well. By including Vantage Connect in your setup, the pest development algorithms will link with your remote station’s real-time data to provide you with the most accurate, orchard-specific risk assessment available.

6572 Integrated Pest Management Module for Apples & Pears

View all pest data on one screen

PEST RISK ASSESSMENT SUMMARY
Shows the severity of risk of each pest, color-coded and sorted from highest to lowest risk.

DATA PANE
Displays a table of risk history for the selected pest or a graph of information captured from the last six weeks.

PEST DESCRIPTION PANE
Learn more about the pests that can potentially damage your crop with links to other resources.

PEST IMAGE
Provides a picture of the pest to help you easily identify it when you are in the field.
DISEASES PREDICTED & 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

INSECTS & MITES PREDICTED

• 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

Bottom: For stations located within 1000’ (300 m) line of sight of the field office, or if you are in an area without mobile coverage, use a Vantage Pro2 weather station, wireless Leaf and Soil Moisture/Temp Station and WeatherLink.
For full use of the IPM for Apples & Pears module, you’ll need:

**REMOTE SETUP**

- 6620 Vantage Connect** for remote access to your weather data. Includes WeatherLink software.
  - ** Remote access is through a mobile connection. Monthly service plan required.

- 6510 USB WeatherLink for Windows

**LOCAL SETUP**

- 6420 Leaf Wetness Sensor
- 6345 Wireless Leaf & Soil Moisture/Temperature Station (without sensors)
- 6152, 6153*, 6162, 6163* Vantage Pro2 or Pro2 Plus Weather Station
  - * Equipped with the 24-Hour Fan-Aspirated Radiation Shield.
- 6510 USB WeatherLink for Windows

**REQUIRED FOR BOTH SETUPS**

- Vantage Pro2 or Pro2 Plus ISS
  - * Equipped with the 24-Hour Fan-Aspirated Radiation Shield.
- 6322, 6323*, 6327, 6328* (ISS only)
- 6620 Vantage Connect** for remote access to your weather data. Includes WeatherLink software.
  - ** Remote access is through a mobile connection. Monthly service plan required.

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[Image: apple-picking-in-orchard.jpg]