



Integrated Pest Management Models

Integrated Pest Management allows you to monitor pest and disease models specific to crops. This list shows the current disease/pest models supported by IPM. The list will be updated as new models are added. Please check back frequently.

Don't see the model you need on the list? Please call Davis Technical Support at (510) 732-7814 or email support@davisinstruments.com to suggest an addition to our list.

[What do you need to leverage IPM?](#)

DISEASES	
GRAPES	Anthracnose of Grape: <i>Elsinoe ampelina</i> Black Rot of Grape: <i>Guignardia bidwellii</i> Botrytis Bunch Rot of Grape: <i>Botrytis cinerea</i> Downy Mildew of Grape: <i>Plasmopara viticola</i> Phomopsis Cane and Leaf Spot of Grape: <i>Phomopsis viticola</i> Powdery Mildew of Grape: <i>Uncinula necator</i> Primary and Secondary Infection Secondary Infection Only
NIGHTSHADES	Early Blight P-Days: <i>Alternaria solani</i> Late Blight: <i>Phytophthora infestans</i> Negative Prognosis Model NegFry Model
NUT TREES	Alternaria Leaf Spot of Almond: <i>Alternaria alternata</i> , <i>A. arborescens</i> , <i>A. tenuissima</i> Walnut Blight: <i>Xanthomonas campestris pv. juglandis</i>
POME (APPLE/PEAR) FRUITS	Apple Scab: <i>Venturia inaequalis</i> Ascospore Maturity Model Modified Mills Table Revised Mills Table Fire Blight: <i>Erwinia amylovora</i> Billings Integrated System CougarBlight Maryblyt
STONE FRUITS	American Brown Rot: <i>Monilinia fructicola</i> European Brown Rot: <i>Monilinia laxa</i> Leaf Spot of Cherry: <i>Blumeriella jaapii</i> , <i>Coccomyces hiemalis</i> Powdery Mildew of Cherry: <i>Podosphaera clandestina</i> Primary and Secondary Infection Secondary Infection Only

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INSECTS

ALL CROPS

Apple Maggot: *Rhagoletis pomonella*

Beet Leafhopper: *Circulifer tenellus*

Codling Moth: *Cydia pomonella*

Colorado Potato Beetle: *Leptinotarsa decemlineata*

Cotton Bollworm: *Helicoverpa armigera*

Eastern Grape Leafhopper:
Erythroneura comes

European Corn Borer:
Ostrinia nubilalis

European Grapevine Moth:
Ostrinia nubilalis

European Red Mite: *Panonychus ulmi*

Fruittree Leafroller: *Archips argyrospilus*

Glassy-winged Sharpshooter:
Homalodisca coagulata

Grape Berry Moth: *Paralobesia viteana*

Grape Phylloxera:
Daktulosphaira vitifoliae

Grape Root Borer: *Vitacea polistiformis*

Grape Scale: *Diaspidiotus uvae*

Green Apple Aphid: *Aphis pomi*

Green Peach Aphid: *Myzus persicae*

Japanese Beetle: *Popillia japonica*

Light Brown Apple Moth:
Epiphyas postvittana

Lygus Bug: *Lygus hesperus*

Mediterranean Fruit Fly: *Ceratitis capitata*

Navel Orangeworm: *Amyelois transitella*

Obliquebanded Leafroller:
Choristoneura rosaceana

Omnivorous Leafroller: *Platynota stultana*

Orange Tortrix: *Argyrotaenia citrana*

Oriental Fruit Moth: *Grapholita molesta*

Pacific Spider Mite: *Tetranychus pacificus*

Pandemis Leafroller: *Pandemis pyrusana*

Peach Twig Borer: *Anarsia lineatella*

Peachtree Borer: *Synanthedon exitiosa*

Plum Curculio: *Conotrachelus nenuphar*

Plum Fruit Moth: *Grapholita funebrana*

Potato Leafhopper: *Empoasca fabae*

Potato Tuberworm: *Phthorimaea operculella*

Redbanded Leafroller:
Argyrotaenia velutinana

San Jose Scale: *Quadraspidiotus perniciosus*

Seedcorn Maggot: *Delia platura*

Spotted Tentiform Leafminer:
Phyllonorycter blancardella

Tobacco Budworm:
Helicoverpa virescens Chloridea virescens

Tobacco Cutworm: *Spodoptera litura*

Tomato Pinworm: *Keiferia lycopersicella*

Tobacco Whitefly: *Bemisia tabaci*

Tufted Apple Bud Moth: *Platynota idaeusalis*

Twospotted Spider Mite:
Tetranychus urticae

Variegated Cutworm: *Peridroma saucia*

Vine Mealybug: *Planococcus ficus*

Walnut Husk Fly: *Rhagoletis completa*

Western Cherry Fruit Fly: *Rhagoletis indifferens*

Western Grape Leafhopper:
Erythroneura elegantula

Western Grapeleaf Skeletonizer: *Harrisina brillians*

White Apple Leafhopper: *Typhlocyba pomaria*