



YOUR BEST ASSISTANT  
TO CONTROL PLANT DISEASE



Meteobot® helps you control plant diseases through the integration with disease models for orchards and vineyards. The models are dynamic. They take into account the current climatic conditions, as well as the available pathogens, accumulated as a result of previous infection events. Beside rain, temperature, air humidity, leaf wetness, etc., the phenological stages of plant development and the tolerance to diseases of different crop varieties are also taken into consideration. The models have been validated for Europe, Asia, North and South America through many years of field trials.



The benefits of using disease models are:

- Spray only if and when necessary instead of "calendar sprays"
- Choose the most adequate product
- Prevent the development of plant resistance
- Integrated plant protection
- Bio-production
- Wide use of contact instead of expensive curative products

[www.meteobot.com](http://www.meteobot.com)





## Disease model for apples

The platform provides models, which forecast the risk for the following diseases and insects:

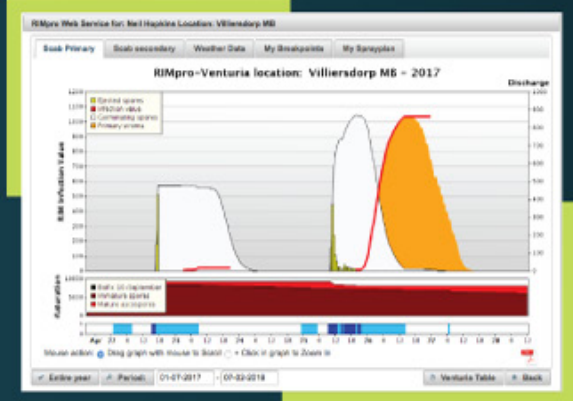
- Apple scab
- Fire blight
- Apple sawfly
- Codling moth
- Apple powdery mildew
- Sooty blotch
- Apple canker
- Marssonina coronaria

You can see how the software model looks like on the next chart.

There are two infection events on it – in the middle of April and in the beginning of May.

In the first case, there is no significant disease risk, because of the fast leaf drying.

In the second case however, the disease risk is very high and an adequate plant treatment is necessary.



## Disease model for vine

Meteobot® helps grapes producers with models for forecasting the risk of:

- Grape downy mildew
- Grape black rot.

## Disease forecasting model for apricots, peaches, plums, cherries and sour cherries

The forecasting model helps fruit growers to control the risk of following major diseases:

- Brown rot
- White rust



### Your Meteobot team:

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