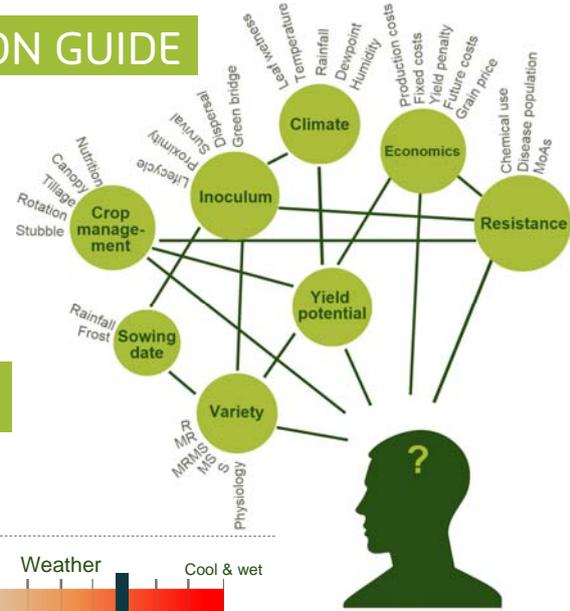


# MAKING SENSE OF IDM

## INTEGRATED DISEASE MANAGEMENT DECISION GUIDE

### Coherent integration of multiple disciplines

The CCDM IDM decision guide provides a platform to help interpret complex interactions between multiple on-farm management factors and foliar disease. It provides an indication of the overall disease-potential of the paddock as well as the risk of experiencing significant yield losses due to disease.

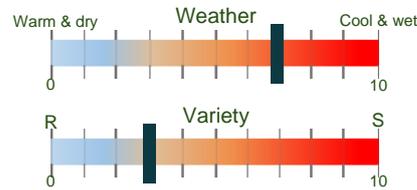


## Modelling approach

### 1 Prioritise factors and risky situations

The primary drivers which govern disease management are identified and grouped into factors of related variables. E.g. Risk due to rainfall and temperature scenarios are labelled under the factor 'weather'.

A rank (0-10) is assigned to each possible scenario depending on the potential to create conditions



### 3 Gauging disease potential

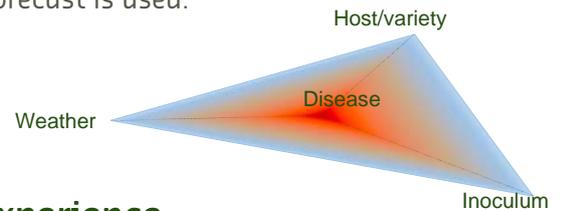
An overall gauge of disease impact is given as a result of a combination of multiple management interactions.

Having grasped the key drivers of IDM, the user is empowered to seek advice from more rigorous support tools.

### 2 Weigh up the risk

Not all factors are equal. Factors are weighted depending on their contribution to disease at different stages of production.

Multiple nested variables may make up a disease factor. E.g. To calculate a factor score for weather both recent history and short-term forecast is used.



### 4 Harvest years of knowledge and experience

Integrating the experience and knowledge of pathologists, agronomists, and economists we've taken a collaborative approach to data collection and model validation.

By consulting research, industry and literature we can draw on new information arising from trial data and research as well as from a culmination of multiple lifetimes of field experience.

For more information:

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