



Improving Crop Risk Assessment in a Changing Climate

Driven by climate change, agriculture risk profiles are changing. The agriculture (re)insurance industry faces a new world where historical data can't be relied on in the same way as before.

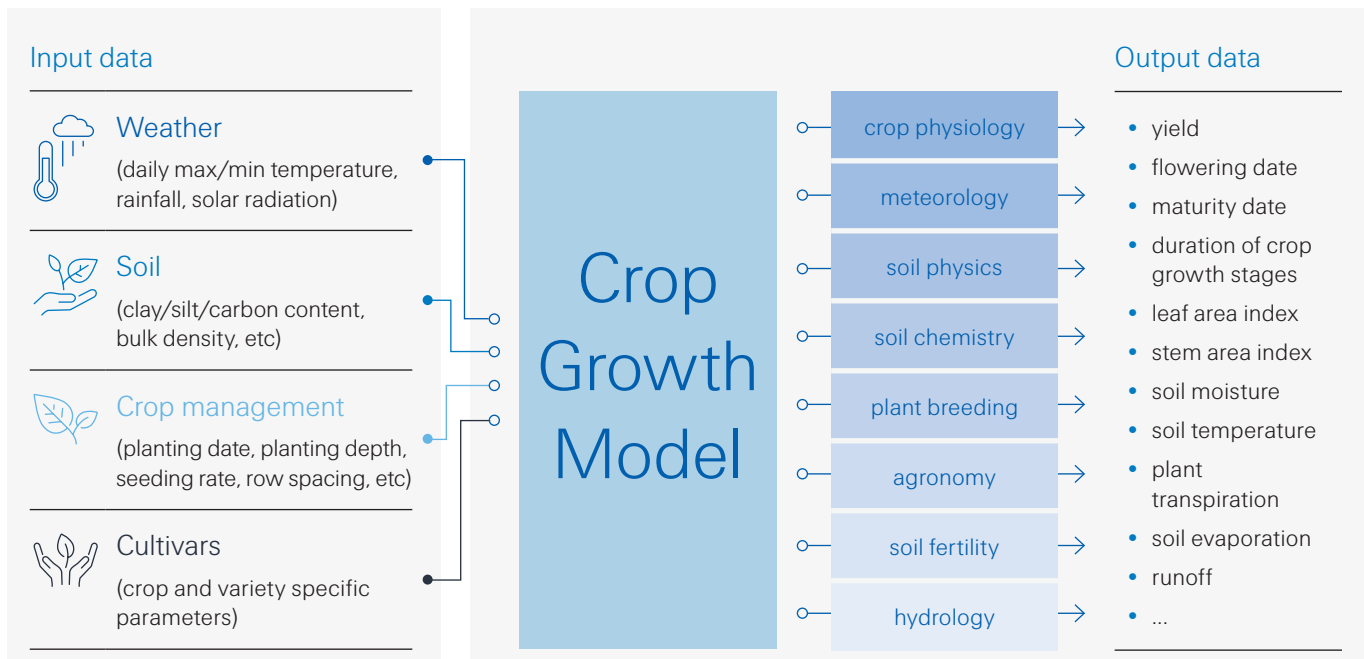
What is a crop growth model?

A crop growth model is a collection of tens of thousands of mathematical equations that describe different processes within the coupled crop-atmosphere-soil system. It uses a variety of input data to solve these equations and mimic crop growth and development typically at a daily timestep.

How can a Crop Growth Model help?

- Modelling of "black swan"-type events
- Increased resolution for risk assessments
- Assessment of climate change impacts
- Developing forward-looking scenarios
- Getting risk insights in data poor regions

Crop Growth Model



Leverage our expertise and knowledge with our innovative model.

Empower your portfolio with our insights and unlock new opportunities.



How could a Crop Growth Model help you?

We want to hear from you. Scan the QR code and fill in our two-minute survey.



Contact us!

Get in touch with our team to learn more about our crop modelling capabilities:

<https://www.swissre.com/reinsurance/property-and-casualty/agriculture-risks.html>

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