

## Crop Modeling as a Tool for Understanding the Genotype X Environment Interaction

This workshop will introduce the application of dynamic crop simulation models with emphasis on using models for understanding the Genotype x Environment x Management interactions. Examples from the Decision Support System for Agrotechnology Transfer (DSSAT) will be shown.

DSSAT is a free software application program that comprises dynamic crop growth simulation models for over 42 crops. It is supported by a range of utilities and apps for weather, soil, genetic, crop management, and observational experimental data, and includes example datasets for all crop models. The models simulate crop growth, development and yield as a function of the soil-plant-atmosphere dynamics.

For more information, visit the website:  
[www.DSSAT.net](http://www.DSSAT.net)

### About the presenter:

**Gerrit Hoogenboom** is a preeminent scholar with the Food Systems Institute, and professor of Agricultural and Biological Engineering, at the University of Florida, Gainesville. He is also the coordinator of the Decision Support System for Agrotechnology Transfer (DSSAT), one of the most widely used crop modeling systems across the world.



**June 23, 2022**  
**10:00AM–12:00 PM**  
Central Time, UTC-5

**Purpose:** Demonstrate how to use one type of crop modelling software that considers entire cropping system.

**Register for this Zoom virtual workshop:**  
<https://tinyurl.com/AG2PI-w12>

Upon registration, you will receive a confirmation email with information about joining the meeting.

A recording will be available at a later date at: [www.ag2pi.org/](http://www.ag2pi.org/)