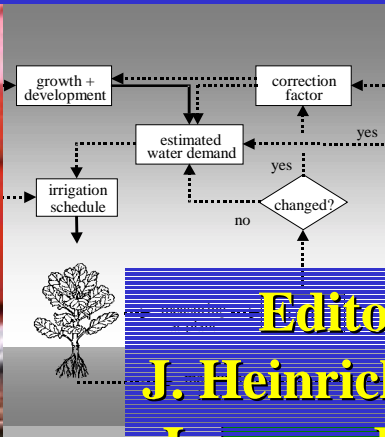




Proceedings of the Fourth International  
Symposium on Models for Plant Growth  
and Control in Greenhouses:



Modeling for the 21st Century -  
Agronomic and Greenhouse  
Crop Models



**Editors**  
**J. Heinrich Lieth**  
**Lorence R. Oki**

Rose Crop Timing calculator

Month	Start	End	Days
Jan	15	25	10
Feb	15	25	10
Mar	15	25	10
Apr	15	25	10
May	15	25	10
Jun	15	25	10
Jul	15	25	10
Aug	15	25	10
Sep	15	25	10
Oct	15	25	10
Nov	15	25	10
Dec	15	25	10

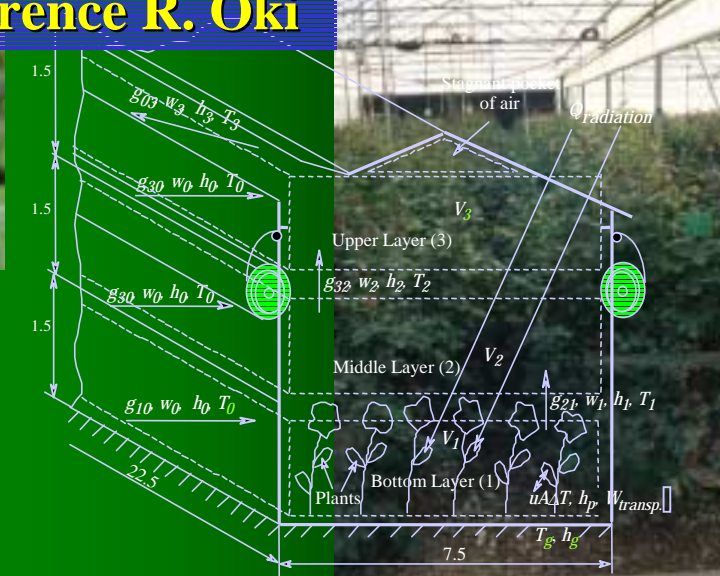


Greenhouse conditions

Avg Temperature: Day 70 °F Night 55 °F

Daylength: 11:25 hours Night 12:35 hours Average 24hr Temp: 58.8°C, 65.5°F

Report: [Add to report] [Save report] [Quit]



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Editors

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Modeling for the 21st Century: Agronomic and Greenhouse Crop Models  
Joint Meeting of the Biological Systems Simulation Group and International Society for  
Horticultural Science Commission on Protected Cultivation

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## **Preface**

This volume of *Acta Horticulturae* is the proceedings of a symposium held jointly by the two groups: the Biological Systems Simulation Group (BSSG) and the International Society for Horticultural Science (ISHS) working group "Plant Growth, Environmental Control and Greenhouse Environment". The former consists of US scientists (mostly agronomists) who typically work on models related to biological and agricultural systems, while the latter typically focuses on greenhouse crops. The meeting was entitled "Modeling for the 21st Century: Agronomic and Greenhouse Crop Models" and was organized jointly by Dr Jeff Baker (USDA/ARS, Beltsville) and Prof Heiner Lieth (University of California). Approximately 90 scientists attended the meeting (50% as ISHS members, 50% as BSSG members).

The meeting focused on basic aspects of crop model development as well as creation and dissemination of applications. The former types of presentations were scheduled for early in the meeting while the more-applied aspects were presented later. Each day consisted of various oral sessions in the morning and early afternoon, concluding with an overview/discussion session where the participant could raise questions and discuss issues related to crop modeling. This facilitated discussions between those working on field crops and those working on greenhouse crops.

All participants had the option of contributing through poster or oral presentation. Those who chose to do so, had the option of submitting a manuscript reflecting the content of the presentation. Each manuscript was reviewed by at least two scientists. Reviewers were generally selected based on their membership in either the BSSG or ISHS, but generally independently of whether or not they attended the meeting.

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