1994 AVOCADO RESEARCH SYMPOSIUM

California Avocado Society and University of California, Riverside

TABLE OF CONTENTS

PLANT IMPROVEMENT/MANAGEMENT

1	Avocado Clonal Rootstock Production Trial
	M. L. Arpaia

- 7 Development of a Phenological Model for California 'Hass' Avocado M. L. Arpaia
- 11 Irrigation and Fertilization Management of Avocado *M. L. Arpaia*
- Does An Avocado Early Bloom Spray Make Dollars and Sense? C. Lovatt
- 21 Fruit Set and Yield in 'Hass' Can Be Increased by Shifting the Time of Bloom or Proper Timing of Nitrogen Fertilization

 C. Lovatt
- Comparison of Determinate (Totally Floral) vs. Indeterminate (Floral with a Terminal Vegetative Flush) Inflorescences to Determine the Roles of PGRS, Carbohydrate, Nitrogen and Other Nutrients in Fruit Set of the 'Hass' Avocado C. Lovatt
- 27 Molecular Genetics of Avocado M. Clega
- 29 Outcrossing in Avocado: Is There a Relationship with Yield?
 M. Clegg
- 31 Trace Metal Nutrition of Avocado D. Crowley

PLANT PATHOLOGY

- 37 Biocontrol Agents for Phytophthora Root Rot of Avocado W. Casale
- 39 Screening and Evaluation of New Rootstocks with Resistance to Phytophthora Cinnamomi *J. Menge*
- 43 Integrated Control of Avocado Diseases H. Ohr

ENTOMOLOGY

57 Biological Control of Mites on Avocado *J. McMurtry*

POSTHARVEST

63 Studies in the Postharvest Handling of California Avocados M. L. Arpaia