

ANNUAL REPORT
COMPREHENSIVE RESEARCH ON RICE
January 1, 2005 – December 31, 2005

PROJECT TITLE: Operation and Maintenance of the Rice Research Facility at Davis

PROJECT LEADER: Thomas H. Tai, Research Geneticist, USDA-ARS
Plant Sciences, UCD

PRINCIPAL UC INVESTIGATORS:

Thomas H. Tai, Research Geneticist, USDA-ARS, Plant Sciences, UCD
Leslie J. Snyder, Graduate Student, Genetics Graduate Group, UCD
Virgilio C. Andaya, Research Associate, USDA-ARS
Peter M. Colowit, Biological Science Technician, USDA-ARS
Clyde Clark, Principal Superintendent of Agriculture, Agronomy & Range Science Farm, Plant Sciences, UCD

COOPERATORS:

Farman Jodari, Plant Breeder, Rice Experiment Station, Biggs
Carl W. Johnson, Plant Breeder, Rice Experiment Station, Biggs
Junda Jiang, Plant Breeder, Rice Experiment Station, Biggs
Venkatesan Sundaresan, Professor, Plant Sciences/Dept. Plant Biology, UCD
Pamela Ronald, Professor, Plant Pathology, UCD

LEVEL OF 2005 FUNDING: \$25,000

OBJECTIVES AND EXPERIMENTS CONDUCTED BY LOCATION TO ACCOMPLISH OBJECTIVES:

The objective of this project is to provide a field facility near the Davis campus for rice research by University, USDA, and Rice Experiment Station personnel. The project pays for direct costs of operating the facility including rental of tractors and farm implements for tillage operations and part-time technical assistance. Water charges, fertilizers, herbicides, other farm supplies, and general assistance are also paid from this project.

Experiments conducted by various project leaders in 2004 were as follows:

Rice breeding (~ 4.25 Acres):	F. Jodari, C.W. Johnson, K.S. McKenzie
Rice genetics (~ 2 Acres):	T. Tai
UCD (~ 0.75 Acre, < 0.25 Acre):	V. Sundaresan, P. Ronald (non-RRB projects)

SUMMARY OF 2005 RESEARCH (MAJOR ACCOMPLISHMENTS) BY OBJECTIVES:

Details presented under the various projects. Materials grown by Dr. Sundaresan and Dr. Ronald were for non-Rice Research Board funded projects. Dr. Sundaresan's materials were transgenic and grown according to USDA-APHIS regulations.

PUBLICATIONS OR REPORTS:

Reported under the research projects.

CONCISE GENERAL SUMMARY OF CURRENT YEAR'S RESULTS:

Reported under the research projects.