

## **CS2L - DEVELOPMENT OF SIRATAC MK II**

CSIRO Division of Plant Industry, Cotton Research Unit, Narrabri.

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This project started in 1981 funded by ACGRA. CRC assumed funding until the project terminated in 1986.

The aims of the project were:

- \* to link the SIRATAC fruit model to a water balance model and to a soil and plant nitrogen balance model.
- \* to make the SIRATAC fruit model sensitive to water and nitrogen stress.
- \* to develop an expert system that uses data from the enhanced fruit model for pest, irrigation and nitrogen management decision making.