

7/92-6/93

**COTTON RESEARCH AND DEVELOPMENT CORPORATION****FINAL REPORT**

PROJECT CODE: CSE30C

PROJECT TITLE: Purchase of High Performance Liquid Chromatography (HPLC) Unit for Narrabri Agricultural Research Station.

ORGANISATION: CSIRO Divisions of Entomology and Plant Industry.

RESEARCH STAFF: Dr. G.P. Fitt, Principal Research Scientist.  
Dr. L.J. Wilson, Senior Research Scientist.  
Ms C.L. Mares, Technical Officer.

The aims of this project, viz:

- (i) To purchase an item of equipment necessary for the extraction and analyses of allelochemicals present in cotton varieties under evaluation for their resistance to insect pests
- (ii) To enhance the future biochemical capabilities of NARS

have been fully met.

HPLC system including M510 solvent delivery system, rheodyne 7125 injector kit, M490 programmable multiwave length detector, M410 differential refractive index detector, M717 electronic auto sampler and maxima 825 data system was ordered from Millipore Australia P/L and delivered to Narrabri Agricultural Research Station during December, 1992. The system was commissioned and is fully operational.

 2.5.94