

7/85-6/86

K ✓ 1986/DAN2SL 24

RURAL INDUSTRY RESEARCH FUNDS
FINAL REPORT
FINANCIAL YEAR 1986/87

Authorised
Body: COTTON RESEARCH COUNCIL

Project Number: DAN 23L

Project Title: ADDITIONAL TERMINALS FOR
VAX 11/750 COMPUTER

Field of Research: Entomology, Agronomy, Field Code: 1,3,5,6
Plant Disease and Soils

Organisation: NSW Department of Agriculture

Address: P.O. Box K220
Haymarket, NSW 2000

Project
Supervisor: Dr E C Wolfe, Regional Director of Research (067) 679300

Principal
Researcher: Dr R A Spurway, B.Sc.Agr., M.Rur.Sc., Ph.D., H.D.A.
Supervisor of Research

Address: Agricultural Research Station
PMB Myall Vale Mail Run
Narrabri, NSW Postcode: 2390

Administrative
Contact: Mr G M Mohr, Research Co-ordinator (02) 2175130

Anticipated Commencement
Date: July 1985

Anticipated Completion
Date: June 1986

Funds Provided/Sought
From Other Sources: The Department of Agriculture pays the salaries of
five Research Officers, two Technical Officers and
two Assistants, all of whom have a full-time
commitment to cotton research. The annual cost
exceeds \$250,000.

Aims/Industry
Significance of Project:

| | Salary | Travel | Operating | Capital | Total |
|---------------------|--------|--------|-----------|---------|-------|
| | \$ | \$ | \$ | \$ | \$ |
| Approved 1986/87 | - | - | - | - | Nil |
| | ----- | ----- | ----- | ----- | ----- |
| Jul-Dec | | | | | Nil |
| Jan-Jun | | | | | Nil |
| | ----- | ----- | ----- | ----- | ----- |
| 1987/88 | | | | | Nil |
| | ----- | ----- | ----- | ----- | ----- |
| 1988/89 | | | | | Nil |
| 1989/90 | | | | | Nil |

Estimated Project

Income: Nil

Research Proposal Summary:

Modifications to the computer room at Narrabri Research Station were undertaken in 1985 to provide closer control of dust levels, room temperature and humidity (Cotton Research Council, project DAN 24L). The building modifications greatly reduced the space previously used for the permanent location of computer terminals, requiring alternative arrangements to be made.

As no other room was available in the Administration Building, most of the terminals were set up to operate from individual work places in offices and laboratories. It was expected that portable terminals would also have the advantage of permitting a continuity of work effort by avoiding the disruption and distractions which can arise when a user moves between office/laboratory and a central terminal location.

Funds were sought through this project to enable the purchase of six portable video display terminals to service cotton research projects being carried out by Officers of the Department of Agriculture located at Narrabri. At the time of application (1985/86) there were eight such projects supported by grants totalling \$167,400.

Signature of Project Supervisor:

R. E. C. Wolfe

for E C Wolfe

Date: 29/9/86

FINAL REPORT: Additional terminals for VAX 11/750 computer.
(Project DAN 23L).

The Administration Building at Narrabri Research Station was wired to allow connections to the VAX to be made from all offices and laboratories. Links were also provided to three laboratories located outside the building.

Six VT220-ZC terminals were supplied by Digital Equipment Corporation in February 1986. One was located in the insectary, one in the computer room and the remainder were set up on mobile work stations in the Administration Building.

The system has worked faultlessly to date and has proven to be an efficient alternative to the permanent central location of all terminals. A service contract for the terminals is currently being negotiated with Digital Equipment Corporation. The cost is expected to be \$950 p.a.

The total cost of the project was \$8784


R.A. Spurway
Supervisor of Research