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COTTON RESEARCH COUNCIL
FINAL REPORT

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Project Number: DAN 28L

Project Title: CULTIVATING EQUIPMENT

Field of Research: Entomology, Agronomy, Varietal Improvement, Plant Disease, Soil Research. **Field Code: 1,3,4,5,6**

Organisation: Department of Agriculture NSW

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Project Supervisors: Dr E C Wolfe, Regional Director of Research
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Summary of results and benefits:

Each season there are approximately 70 hectares of detailed cotton experiments on Narrabri Agricultural Research Station. Although this may seem a small area, the experiments require attention to detail so that uniformity in each field is maintained, and experimental treatments (variety, irrigation, nutrition etc) can be imposed with least variability.

This project involved the purchase of a new chisel plough to be used for soil preparation on all experimental areas of the Research Station. The original unit was 18 years of age, with frequent breakdowns and variable depth and effectiveness of tillage. The new unit has fully achieved intended objectives, with timing and effectiveness of tillage being improved in all fields.