

DAN6C Executive Summary

Objectives:

- (1) To calibrate neutron moisture meters and gamma density probes on grey clays and hard-setting red soils of the Macquarie Valley.
- (2) To investigate the hydrological effects, and the influence upon yield and profitability, of deep ripping, chisel ploughing, mouldboard ploughing, minimum tillage, gypsum, and a range of rotation crops on a furrow-irrigated grey clay; similar techniques, were also studied on a hard-setting red soil.
- (3) To obtain general information about irrigation efficiency under a range of irrigation systems on grey clays and hard-setting red soils.