



DAIRY SCIENCE 2007

Meeting the challenges for pasture-based dairying

Strategies for increasing resilience of grazing-based dairy systems

Brendan Cullen, Uni of Melbourne, Australia

Richard Eckard, Uni of Melbourne, Australia

Ian Johnson, IMJ Consultants, Armidale NSW

Jeremy Bryant, AgResearch, NZ

Richard Rawnsley, TIAR, Tasmania



DAIRY SCIENCE 2007

Meeting the challenges for pasture-based dairying

Sites & grazing systems

Sites: Ellinbank, Terang, Elliott & Palmerston North
Pasture: Perennial ryegrass, white clover pastures
Stocking rate: 2.25 cows/ha

N treatments

40 kg N/ha applied as urea in the following pattern:

N treatment	N application dates
0	No application dates
80	1 May, 21 July
160	1 May, 21 July, 1 Sept, 1 Oct
280	1 May, 15 June, 1 Aug, 1 Sept, 21 Sept, 12 Oct, 1 Nov



DAIRY SCIENCE 2007

Meeting the challenges for pasture-based dairying

N trade-offs

