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Front cover: Clockwise from top right: ‘contented’ dairy cow in gas monitoring calorimeter; dairy cow fitted with equipment to measure methane production in the field; teat spraying post milking; ‘happy milker’ (Sarah Elliott) working in a commercial dairy on the Caldermeade Farm (photographs supplied by Department of Primary Industries, Ellinbank, Victoria). *Back cover:* Researchers monitoring teats after milking (photograph supplied by Department of Primary Industries, Ellinbank, Victoria).