Record Nr. UNISA996208645803316 Milk processing and quality management [[electronic resource] /] / **Titolo** edited by Adnan Tamime Pubbl/distr/stampa Chichester, West Sussex;; Ames, Iowa,: Blackwell Pub., 2008 **ISBN** 1-282-03456-1 9786612034565 1-61583-455-9 1-4443-0164-0 1-4443-0165-9 Descrizione fisica 1 online resource (344 p.) Collana Society of Dairy Technology series Classificazione LAN 820f **WIR 896f** Altri autori (Persone) TamimeA. Y Disciplina 637.1 637/.1 Dairy processing - Quality control Soggetti Dairving Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Milk Processing and Quality Management; Contents; Preface to Technical Series; Preface; Contributors; 1 On-Farm Hygienic Milk Production; 1.1 Introduction; 1.2 Sources of microbial contamination of bulk tank milk; 1.2.1 Background; 1.2.2 Mastitis; 1.2.3 Environment; 1.2.4 Milking equipment; 1.2.5 Microbial growth during milk storage; 1.3 Control of microbial contamination of bulk tank milk; 1.3.1 Good farming practice; 1.3.2 Animal health management; 1.3.3 Control of feed; 1.3.4 Facility hygiene; 1.3.5 Milking operations; 1.3.6 Milking machine design and operations 1.3.7 Bulk tank design and operations 1.3.8 Identification of effective control measures; 1.4 Future developments in handling of the milk on the farm; 1.4.1 Concentration of milk; 1.4.2 Heat treatment of the milk; 1.4.3 In/online monitoring of bulk tank milk quality: 1.5 Conclusions: References; 2 Properties and Constituents of Cow's Milk; 2.1 Introduction; 2.2 Milk composition; 2.3 Milk constituents; 2.3.1

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Sommario/riassunto

The Society of Dairy Technology (SDT) has joined with Wiley-Blackwell to produce a series of technical dairy-related handbooks providing an invaluable resource for all those involved in the dairy industry; from practitioners to technologists working in both traditional and modern large-scale dairy operations. The fifth volume in the series, Milk Processing and Quality Management, provides timely and comprehensive guidance on the processing of liquid milks by bringing together contributions from leading experts around the globe. This important book covers all major aspects of hygienic milk pr