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Nota di contenuto	Advances in organic dairy cattle farming -- Contents -- Series list -- Chapter 1. Organic dairy farming in Europe: building on the past to develop the future -- Part 1. Production and applications of black soldier flies -- Chapter 2. Organic dairy cattle breeding: possibilities and challenges -- Chapter 3. Optimizing soils, pasture and grassland management for organic dairy farming -- Chapter 4. Assessing milk quality from organic production -- Part 2. Production and application of yellow mealworms and other insects -- Chapter 5. The value of One Health and One Welfare approaches in promoting the health and welfare of organic dairy cattle -- Chapter 6. The lives of calves from organic dairy farms -- Chapter 7. Improving herd health management and disease prevention in organic dairy cattle farming -- Chapter 8. The use of plant bio-active compounds and other alternative therapeutic strategies in organic dairy farming -- Chapter 9. Improving the management of parasites in organic dairy farming -- Chapter 10. An ethical framework for the responsible use of technology in organic dairy farming -- Part 3. General issues in use of insect protein -- Chapter 11. Integration of organic dairy cattle into a whole farm context -- Chapter 12. How can organic dairy farming address and improve biodiversity and healthy ecosystems? -- Chapter 13. Market structures of organic dairy farming and consumer attitudes towards organic milk processing -- Chapter 14. Organic dairy farming as part

of sustainable ecological and social food systems -- Index.

Sommario/riassunto

“This 400-page book explores how organic dairy farming addresses challenges including environmental impact, animal welfare and antibiotic resistance. The book is aimed at academics, international policy professionals and organic farmers seeking research-based guidance, however it would also be a valuable addition to undergraduate reading lists in food science, biological sciences and agriculture. This is a timely and well-written resource.” (Book Review Published in the International Journal of Dairy Technology) The dairy sector continues to face increasing scrutiny for its environmental impact and contribution to climate change. It must also address consumer concerns surrounding issues such as animal welfare, antibiotic usage/resistance and the ethics of intensive production systems. Advances in organic dairy cattle farming considers how organic dairy farming has the potential to address these challenges whilst also meeting the key organic principles of health, ecology, fairness and care. The book reviews advances in areas such as breeding, optimising pasture-based production and organic milk quality, improving the health and welfare of calves and adult cows, as well as promoting biodiversity and the move to a more circular, sustainable bioeconomy.
