

1. Record Nr.	UNINA9910450725003321
Titolo	Quality control and production of biological control agents [[electronic resource]] : theory and testing procedures // edited by J.C. van Lenteren
Pubbl/distr/stampa	Wallingford, : CABI Pub, 2003
ISBN	1-280-86614-4 9786610866144 0-85199-836-4
Descrizione fisica	1 online resource (340 p.)
Altri autori (Persone)	Lenteren J. C. van
Disciplina	632.96
Soggetti	Biological pest control agents Biological pest control agents industry - Quality control Electronic books.
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	Quality Control and Production of Biological Control Agents Theory and Testing Procedures; Contents; Contributors; Preface; Acknowledgements; 1 Need for Quality Control of Massproduced Biological Control Agents; 2 Aspects of Total Quality Control for the Production of Natural Enemies; 3 A Variable-response Model for Parasitoid Foraging Behaviour; 4 Variations in Natural-enemy Foraging Behaviour: Essential Element of a Sound Biological Control Theory; 5 The Parasitoids' Need for Sweets: Sugars in Mass Rearing and Biological Control 6 Managing Captive Populations for Release: a Population-genetic Perspective 7 Adaptive Recovery after Fitness Reduction: the Role of Population Size; 8 The Use of Unisexual Wasps in Biological Control; 9 Comparison of Artificially vs. Naturally Reared Natural Enemies and Their Potential for Use in Biological Control; 10 Pathogens of Mass-produced Natural Enemies and Pollinators; 11 Commercial Availability of Biological Control Agents; 12 Mass Production, Storage, Shipment and Release of Natural Enemies 13 Regulation of Import and Release of Mass-produced Natural

Enemies: a Risk-assessment Approach 14 Quality Assurance in North America: Merging Customer and Producer Needs; 15 State of Affairs and Future Directions of Product Quality Assurance in Europe; 16 The Relationship between Results from Laboratory Product-control Tests and Large-cage Tests Where Dispersal of Natural Enemies is Possible: a Case-study with *Phytoseiulus persimilis*; 17 Quality of Augmentative Biological Control Agents: a Historical Perspective and Lessons Learned from Evaluating *Trichogramma* 18 Towards the Standardization of Quality Control of Fungal and Viral Biocontrol Agents 19 Guidelines for Quality Control of Commercially Produced Natural Enemies; 20 Basic Statistical Methods for Quality Control Workers; Index

Sommario/riassunto

The use of biological control agents has been increasing worldwide but there is a need for strict quality control in the production and use of these natural enemies. Written by scientists from Europe and North America, this book provides background theory and practical guidance on this subject.
