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Nota di contenuto	Intro; Title Page; Copyright Page; Contents; List of Contributors; Preface to the First Edition; Preface to the Second Edition; Acknowledgements; Section I Internal Parasites and Factors Affecting Their Transmission; Chapter 1 Biology and Life Cycles of Equine Parasites; Nematodes; Cestodes; Arthropods; Trematodes; References; Chapter 2 Pathology of Parasitism and Impact on Performance; Nematodes; Arthropods; General impact of parasitism; References; Chapter 3 Environmental Factors Affecting Parasite Transmission; Preparasitic development; Preparasitic persistence; Computer simulations. Other parasites Conclusion; References; Chapter 4 Host Factors Affecting Parasite Transmission; Immunity; Concluding remarks; References; Chapter 5 Parasite Factors Affecting Parasite Transmission; Reproduction; Translation; Transmission; Propagation of life cycle stages; Persistence of adult parasites; Seasonality of reproduction; Adaptation to control efforts; References; Section II Principles of Equine Parasite Control; Chapter 6 Decreasing Parasite Transmission by Non-chemical Means; Definitions; Introduction; Measures to limit contamination; Measures to limit infectivity. Measures to limit translation Conclusion; References; Chapter 7 Pharmaceutical Approaches to Parasite Control; Anthelmintic drug classes; Adverse reactions to anthelmintic therapy; Anthelmintic treatment regimens;

References; Chapter 8 Anthelmintic Resistance; Benzimidazoles; Pyrimidines; Macrocyclic lactones; Other anthelmintics; Mechanisms of anthelmintic resistance; Parasite refugia; Drug rotation; References; Section III Diagnosis and Assessment of Parasitologic Information; Chapter 9 Diagnostic Techniques; Coprology; References; Chapter 10 Detection of Anthelmintic Resistance. Fecal egg-count reduction test (FECRT) Selection of egg-counting technique; Guidelines for diagnosing resistance; Interpretation of FECRT; Egg reappearance periods; Definitions; How to generate ERP information; References; Chapter 11 Evaluating Historical Information; Who?; What?; When?; Where?; Why and How?; Other considerations; References; Chapter 12 Synopsis of Evidence-Based Parasite Control; Considering the evidence; Measuring drug efficacy; Basic treatment foundation; Farm strategies, adult horses; What is expected in the future?; Ten commandments; Clinical cases for self-assessment. Section IV Case Histories Case 1 Mystery Drug; History; Questions; Answers; Case 2 Pyrantel Efficacy Evaluation; History; Questions; Answers; Case 3 Egg Count Results from Yearlings; History; Questions; Answers; Case 4 Peritonitis and Parasites; History; Questions; Answers; Case 5 Confinement after Deworming; History; Questions; Answers; Case 6 Abdominal Distress in a Foal; History; Clinical assessment; Laboratory findings; Questions; Answers; Case 7 Quarantining Advice; History; Questions; Answers; Case 8 Diarrhea and Colic; History; Clinical assessment; Laboratory findings; Treatment; Questions.

Sommario/riassunto

Handbook of Equine Parasite Control, Second Edition offers a thorough revision to this practical manual of parasitology in the horse. Incorporating new information and diagnostic knowledge throughout, it adds five new sections, new information on computer simulation methods, and new maps to show the spread of anthelmintic resistance. The book also features 30 new high-quality figures and expanded information on parasite occurrence and epidemiology, new diagnostics, treatment strategies, clinical significance of infections, anthelmintic resistance, and environmental persistence. The book brings together all the details needed to appropriately manage parasites in equine patients and support discussions between horse owners and their veterinarians. It offers comprehensive coverage of internal parasites and factors affecting their transmission; principles of equine parasite control; and diagnosis and assessment of parasitologic information. Additionally, the book provides numerous new case histories, covering egg count results from yearlings, peritonitis and parasites, confinement and deworming, quarantine advice, abdominal distress in a foal, and more. The book contains: A clear and concise user-friendly guide to equine parasite control for veterinary practitioners and students; Fully updated with new knowledge and diagnostic methods throughout Features brand new case studies; Presents 30 new high-quality figures, including new life-cycle charts; Provides maps to show the spread of anthelmintic resistance. Handbook of Equine Parasite Control is an essential guide for equine practitioners, veterinary students, and veterinary technicians dealing with parasites in the horse.--Provided by publisher.
