

Contributors

CONSULTING EDITOR

ROBERT A. SMITH, DVM, MS

Diplomate, American Board of Veterinary Practitioners; Veterinary Research and Consulting Services, LLC, Greeley, Colorado; Veterinary Research and Consulting Services, LLC, Stillwater, Oklahoma

EDITORS

JOHN T. RICHESON, PhD

Paul Engler Professor of Beef Cattle Feedlot Management, Department of Agricultural Sciences, West Texas A&M University, Canyon, Texas

TY E. LAWRENCE, PhD

Caviness Davis Distinguished Chair in Meat Science, Professor of Animal Science, Director, Beef Carcass Research Center, Department of Agricultural Sciences, West Texas A&M University, Canyon, Texas

AUTHORS

RAGHAVENDRA G. AMACHAWADI, BVSc, MS, PhD

Assistant Professor, Food Animal Therapeutics, Department of Clinical Sciences, College of Veterinary Medicine, Kansas State University, Manhattan, Kansas

LUIZ FERNANDO BATISTA, MS

Cactus Feeders, Amarillo, Texas; Department of Animal Science, Texas A&M University, College Station, Texas

TONY C. BRYANT, MS, PhD

Five Rivers Cattle Feeding, Johnstown, Colorado

MICHAEL GALYEAN, PhD

Department of Veterinary Sciences, Texas Tech University, Lubbock, Texas

KRISTIN HALES, PhD

Department of Animal and Food Sciences, Texas Tech University, Lubbock, Texas

BEN P. HOLLAND, PhD

Cactus Feeders, Amarillo, Texas

JENNY JENNINGS, MS, PhD

Five Rivers Cattle Feeding, Johnstown, Colorado

TY E. LAWRENCE, PhD

Caviness Davis Distinguished Chair in Meat Science, Professor of Animal Science, Director, Beef Carcass Research Center, Department of Agricultural Sciences, West Texas A&M University, Canyon, Texas

PEDRO MELENDEZ, DVM, MS, PhD

School of Veterinary Medicine, Texas Tech University, Amarillo, Texas

PAUL S. MORLEY, DVM, PhD

Diplomate, American College of Veterinary Internal Medicine; VERO Program, College of Veterinary Medicine and Biomedical Sciences, Texas A&M University (Pinnell and Morley), Canyon, Texas

T.G. NAGARAJA, BVSc, MVSc, PhD

Diagnostic Medicine and Pathobiology, College of Veterinary Medicine, Kansas State University, Manhattan, Kansas

BENJAMIN W. NEWCOMER, DVM, PhD

Diplomate, American College of Veterinary Internal Medicine; Diplomate, American College of Veterinary Preventive Medicine (Epidemiology); Diplomate, American Board of Toxicology; Associate Professor and Dairy Veterinarian, Veterinary Education, Research, and Outreach Program, Texas A&M University, West Texas A&M University, Canyon, Texas

PABLO PINEDO, DVM, PhD

Department of Animal Sciences, Colorado State University, Fort Collins, Colorado

LEE J. PINNELL, MS, PhD

VERO Program, College of Veterinary Medicine and Biomedical Sciences, Texas A&M University (Pinnell and Morley), Canyon, Texas

MILES E. THEURER, DVM, PhD

Veterinary Research and Consulting Services, LLC, Hays, Kansas