

What some producers  
are saying about the OSU  
Beef Cattle Manual...

*"One of the best manuals I have."  
"Fantastic learning  
tool for anyone."*

Why are producers so high on it? The manual covers a wealth of topics from herd health to beef nutrition to marketing in an easy-to-read format. Objective, research based information is the basis for recommendations. Full-color pictures add depth to the discussion of topics such as Body Condition Score. Tables and graphs also add detail, for instance, providing quick references to nutrient requirements of beef cattle of different sizes and genders. At the end of each chapter, references to research are provided along with Web site links.



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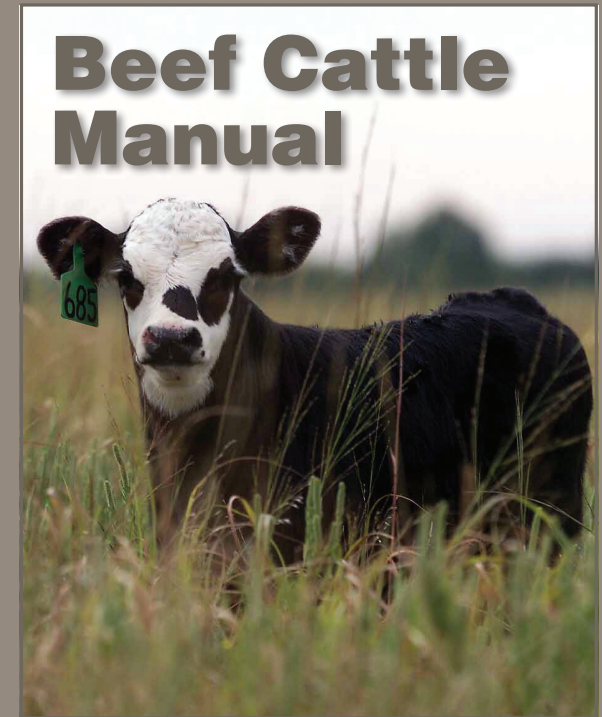
Agricultural Economics  
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Stillwater, OK 74078

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## Chapters in the manual include:

*Beef Industry Overview for Oklahoma  
Beef Industry Issues and the Future  
Ranch Business Planning and Management  
Analyzing Financial and Production Performance  
Leasing Arrangements in a Beef Cattle Enterprise  
Business Organization and Tax Considerations  
Economic Considerations in Disaster Management  
Livestock and Forage Insurance Options  
Beef Cow-calf Marketing  
Value-Added Marketing Opportunities  
Grazing Management  
Hay Production, Storage and Feeding  
Small Grain Forage Management  
Fire and Livestock Production  
The Ruminant Animal  
Nutrient Requirements of Beef Cattle  
Nutritive Value of Feeds  
Alternative Feeds  
Vitamin and Mineral Nutrition of Grazing Cattle  
Body Condition Scoring of Cows  
Supplementing Beef Cows  
Supplementing and Feeding Calves and Stocker Cattle  
Supplementation of Stocker Cattle on Small Grain Forage  
Preconditioning Nutrition and Management  
Performance Recording Guidelines  
Expected Progeny Differences  
Management of Effective Mating and Crossbreeding Systems  
Genetics in the Genomics Era  
Development of Replacement Beef Heifers  
Management Considerations for Bulls  
Synchronizing Heats in Beef Cows and Heifers  
Artificial Insemination  
Embryo Transfer  
Choosing a Calving Season  
Calving Time Management for Beef Cows and Heifers  
Herd Health  
Internal Parasite Control  
External Parasites on Beef Cattle  
Implants and Their Use in Beef Cattle Production  
Cattle Handling and Working Facilities Design  
Waste Management  
Biosecurity  
Livestock Mortality Management  
Beef Grading Standards  
Beef Quality Assurance  
Gestation Table*



Seventh Edition

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Division of Agricultural Sciences  
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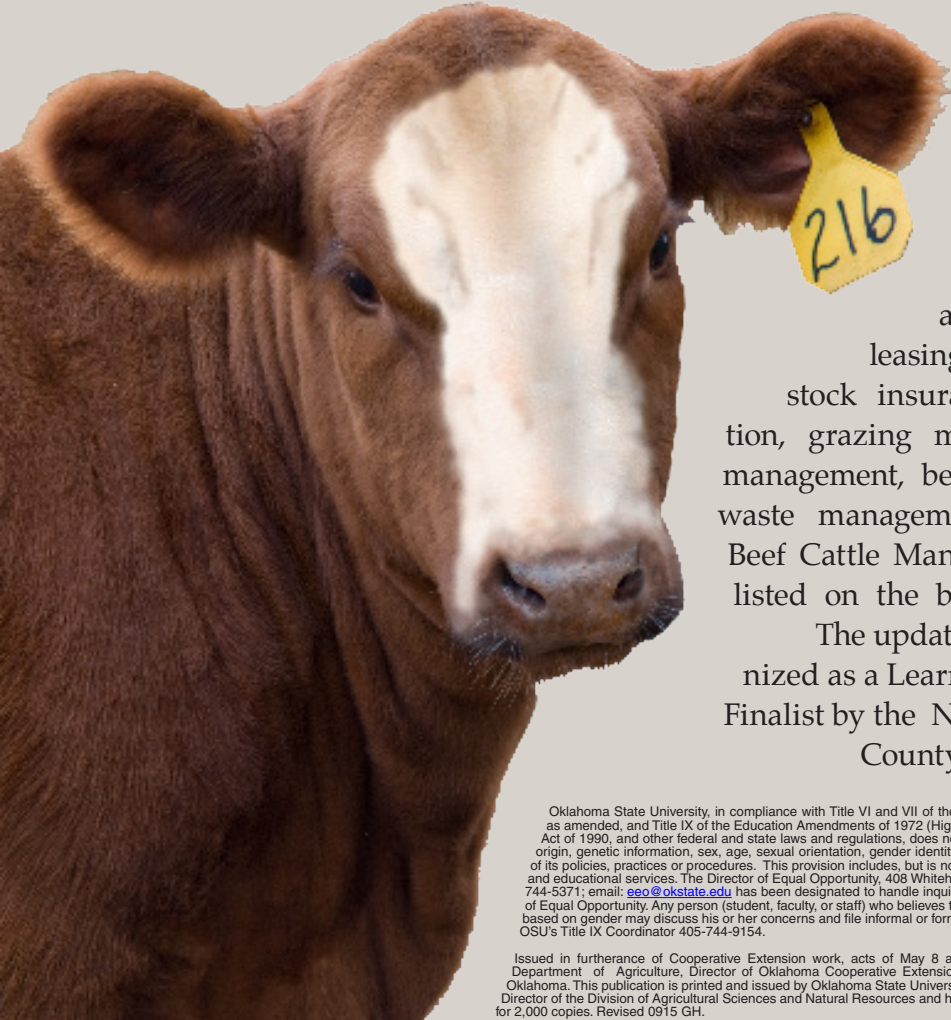
Oklahoma State University



[agecon.okstate.edu/cattleman/index.asp](http://agecon.okstate.edu/cattleman/index.asp)

The Beef Cattle Manual is a key information resource for not only beef cattle producers, but also agriculture students, Extension professionals, veterinarians and many others associated with the beef cattle industry. Participants in the OSU Master Cattleman Program use the manual as their educational curriculum and for the producer certification process (see [agecon.okstate.edu/cattleman](http://agecon.okstate.edu/cattleman) for more information). And, the Manual is being used as a textbook in classes in Oklahoma and surrounding states.

This comprehensive Beef Cattle Manual was developed by an interdisciplinary team of OSU state specialists, area specialists and other professionals from agricultural economics, animal science, biosystems and agricultural engineering, entomology and plant pathology, natural resource ecology and management, plant and soil sciences and veterinary medicine. Basic animal production topics—nutrition, breeding, genetics and herd health—are covered in depth.



In addition, the manual includes information on the demographics of the Oklahoma beef industry, economics, marketing and risk management, leasing arrangements, livestock insurance, forage production, grazing management, drought management, beef quality assurance, waste management and biosecurity. Beef Cattle Manual chapter titles are listed on the back of the brochure. The updated manual was recognized as a Learning Module National Finalist by the National Association of County Agricultural Agents.

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Please send me information about the Master Cattleman Program in my area: \_\_\_\_\_ (County)