The PFCA proudly releases the latest forage management publication ...

COOL FORAGES - Advanced Management of Temperate Forages

“... what an absolutely delightful take on forages!”
Professor Perry Miller, Sustainable Cropping Systems, Montana State University

“Our book includes articles representing some of the most interesting and advanced work in the field of forage science today. The book is intended to inspire interest as well as to inform, and to provide readers with a cross section of thoughts, movements and research thrusts. It is hoped that by reading this book, students, agricultural workers and advisors, and even scientists and policy makers, will gain a greater insight into the fascinating and perplexing and “cool” world of temperate forages.”

~ Editors, Shabtai Bittman and Derek Hunt
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What the experts are saying ...

- Congratulations on a tremendous piece of art, your chef d’oeuvre. Thanks for including me.
  Dr. Chuck West, Professor, Plant and Soil Scientist, Texas Tech University, Texas
- Outstanding! It is really a very nice publication. Thanks again for the opportunity to contribute.
  Dr. Matt Sanderson, Research Leader, USDA-ARS
- The Cool Forages publication is creating great interest here at the Grasslands Research Centre. It is an excellent publication, presented in a fresh and interesting way and pleasant on the eyes (great figures and illustrations).
  Dr. Coby Hoogendoorn, Scientist - Soils, Land Use and Global Change, Grasslands Research Centre, New Zealand
- The book looks great and holds such a vast quantity of current articles, which are most appropriate to any one interested in furthering their understanding of the growing and use of forages.
  Ted Osborn, Rancher (Retired)
- Congratulations on publishing this book on forages! It looks like it will be a hit! Best wishes!
  Dr. Alan Franzluebbers, USDA, North Carolina

To order the book, please contact the Pacific Field Corn Association at:
Email: pfca@farmwest.com  Visit: www.farmwest.com
Mail: PO Box 365, Agassiz, BC, Canada  V0M 1A0

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Agriculture & Agri-Food Canada, the BC Ministry of Agriculture, the BC Dairy Association, and the BC Forage Council.
Ecosystem Services
- Ecosystem Services from Forages
- Opportunities and Challenges in Growing Perennial Forage in Important Wildlife Areas - Lessons Learned in Delta, BC
- Cover Crop Strategies for Annual and Perennial Forages
- Growing Perennial Forages for Biomass

Growth of Forage
- How Grasses Grow
- How Grasses Respond to Drought
- Endophytes - Good and Bad
- Foraging Nematodes - Hidden Enemies of Forage Production

Forage Diversity
- Biodiversity in Forage Stands
- Grass-Legume Mixtures: A Valuable Resource for Grassland Based Milk Production
- Pasture Naturalization
- Intra-Specific Competition and Self-Thinning in Orchardgrass
- Shifts in Pasture Communities Due to Nutrient Imbalances in the Aspen Parkland
- The Value of Pasture Weeds

Breeding New Forage Varieties
- Breeding for Increased Forage Quality
- Increasing Winter Hardiness in Alfalfa
- Persistence of Alfalfa Genotypes in Mixed Stands
- Benefits and Risks of Adapting Genetically Engineered Crops: The Roundup Ready Alfalfa Story
- Creating Dedicated Bioenergy Crops

Soil Nutrients
- Benefits of Perennial Forages in Rotations
- Nutrient Losses from Forage Stands in the Non-Growing Season
- Real-time Simulation Models - A Novel Tool for Farm Nitrogen Management
- Managing Phosphorus
- Sulphur Deficiency Uncovered: British Columbia Experience
- How to Improve Nutrient Efficiency of Whole Dairy Farms

Managing Waste
- Slurry Application on Grass
- Developing a Shallow Injection Tine for Slurry Application into Grasslands
- Manure Analysis: A Strategy for Improved Nutrient Management and Sustainable Crop Production
- Can Slurry Manure Replace Commercial Fertilizer?
- Grass Height Affects Emission of Ammonia from Applied Broiler Manure
- Aerating Grassland Prior to Manure Application Reduces Runoff and Nutrient Loads
- Long Term Effects of Manure
- Manure on Alfalfa
- Is Manure Application on Alfalfa a Good Idea? Ontario Experience
- Manure Concerns - Pathogens, Antibiotics and Other Chemicals
- Fertilizing Grass with Municipal Biosolids

Forage Quality & Feeding
- Best Tools for Predicting Forage Harvest Timing to Optimize Yield and Nutritive Value
- About Tillers, Maturity and Forage Quality
- The Conundrum of Forage Fiber in Dairy Rations
- Forages for Cows in the Transition Period
- Lower DCAD Values in a Tall Fescue Variety Selected for Low Grass Tetany
- Taking Advantage of Diurnal Shifts in the Nutritive Value of Forages
- Increasing Non-Structural Carbohydrate in Forages
- Pasture Bloat in Ruminants: Cause, Occurrence and Mitigation Strategies
- Extending the Grazing Season: Swath Grazing Beef Cows
- Extending the Grazing Season: Stockpile Grazing of Perennial Forages
- Stockpiling Tall Fescue for Winter Grazing by Beef Cows in Interior BC
- Non-confined Winter Feeding in Frozen Regions: Benefits and Risks
- Reducing Greenhouse Gases from Ruminants on Perennial Pastures
- High Forage Diets Improve Quality of Beef for Consumers