

The 36<sup>th</sup> Annual  
**Kentucky Alfalfa and Stored  
Forages Conference**

**Presented by:**

Kentucky Forage and Grassland Council  
University of Kentucky College of Agriculture, Food, and  
Environment

**Tuesday, February 21<sup>st</sup>, 2017  
Cave City, KY**

**Proceedings**

*Editors: Dr. Ray Smith and Krista Lea*



# Schedule of Events

- 8:00 (CST) Registration and Exhibits
- 8:45 Welcome  
*Dr. Ray Smith, University of Kentucky*
- 9:00 Hay Making Weather in Kentucky: How to Get Good Information**  
*Dr. Matthew Dixon, University of Kentucky*
- 9:20 Understanding and Improving Fermentation in Alfalfa and Grass Baleage**  
*Dr. Dennis Hancock, University of Georgia*
- 10:00 Break and Exhibits
- 10:30 Why is Intake Reduced When Cattle are Fed Tall Fescue?**  
*Jimmy Klotz, USDA ARS*
- 10:50 Hay Production: East vs. West**  
*Tom Keene, University of Kentucky*
- 11:10 What's New in Seed Coatings?**  
*Bill Talley, Summit Seeds*
- 11:30 The Economics of Forage Quality**  
*Dr. Kenny Burdine, University of Kentucky*
- 11:50 Discussion
- 12:00 Lunch
- 12:50 Alfalfa Awards and Silent Auction Results
- 1:20 Selecting Summer Annual Varieties Using Yield and Digestibility**  
*Dr. Chris Teutsch*
- 2:00 Producer Panel**
- 3:00 Discussion
- 3:30 Adjourn



# Forward

Thanks to the leadership of Dr. Garry Lacefield, the Kentucky Alfalfa Conference has been educating alfalfa producers for the past 35 years. The University of Kentucky and the Kentucky Forage and Grassland Council are excited to continuing this tradition and expand the conference to include all stored forages. Our priority is to continue to provide a high quality educational event each year; we challenge you to consider the content of the proceedings and the discussions of the day in light of your overall forage program. It is our hope you will go away with at least one idea or practice that you can implement to improve your overall program.

On behalf of the program committee, I want to thank the Kentucky Forage and Grassland Council for their continued support of this program. Special thanks to the speakers for providing their presentations and papers for the proceedings. This meeting would not be possible without the support of the many exhibitors as well; please take a moment to visit with them during the breaks.

Special thanks are extended to Mrs. Krista Lea for her effort in program planning and in preparing and editing the proceedings.

I would encourage you to stay up-to-date with the latest forage research in Kentucky by subscribing to our online newsletter, Forage News, by visiting [www.uky.edu/ag/forage](http://www.uky.edu/ag/forage). In addition, you will find a wealth of publications and other resources to improve your forage management.



Dr. Ray Smith  
Program Chairman



# Table of Contents

Forward.....	4
Hay Making Weather in Kentucky: How to Get Good Information .....	8
Understanding and Improving Fermentation in Alfalfa and Grass Baleage.....	14
Why is Intake Reduced When Cattle are Fed Tall Fescue?.....	18
Western Hay Production vs. Eastern Hay Production .....	22
What is New in Seed Coatings.....	26
The Economics of Hay Quality .....	28
Selecting Summer Annual Varieties Using Yield and Digestibility .....	32
Save the Date! .....	53

