



**27TH KENTUCKY
ALFALFA CONFERENCE
PROCEEDINGS**

*Volume 27, Number 2
Garry Lacefield & Christi Forsythe, Editors*

FEBRUARY 22, 2007
*Cave City Convention Center
Cave City, Kentucky*

Sponsored by
University of Kentucky • College of Agriculture • Cooperative Extension Service
Kentucky Forage and Grassland Council

Schedule for the Day

- 8:00 Registration, Visit Exhibits, Silent Auction
- 8:45 Welcome
- 9:00 Alfalfa Information on the Web – Scott Flynn
- 9:20 How the Alfalfa Plant Grows: Impact on Management – Ray Smith
- 9:40 Requirements for Successful Alfalfa Establishment – Garry Lacefield
- 10:00 Break, Visit Exhibits, Silent Auction
- 10:30 Alfalfa Hay for Horses – Bob Coleman
- 10:50 Alfalfa for Summer Grazing – John Johns
- 11:10 Hay Heating, Hay Sweat and Spontaneous Combustion – Tom Keene
- 11:30 Pea Aphid: Where Did They Come from and will they be Back? – Lee Townsend
- 11:50 Discussion
- 12:00 Lunch, Visit Exhibits, Silent Auction
- 12:45 KFGC Business, Awards, Silent Auction Results
- 1:00 Roundup Ready Alfalfa: Results after One Year on the Market – Ray Smith
- 1:30 How I Produced Nationally Award Winning Alfalfa Hay – Rick Alexander
- 2:00 Discussion
- 2:15 Adjourn

FOREWORD

This conference marks the twenty-seventh consecutive year we have come together to address problems and potentials of alfalfa. We are certainly encouraged with the interest in and opportunities for alfalfa in Kentucky. We are optimistic that we will observe expansion in acres, yield, and markets. It is our hope that the information presented herein and the discussions of the day will be of value to each of you in your alfalfa program.

On behalf of the Program Committee, I would like to express our thanks to each of you for your faithful participation over the past twenty-seven years. I also want to thank all speakers, moderators, committee members, and workers for their many contributions.

My personal thanks to the Program Committee, the Kentucky Forage and Grassland Council, and the Kentucky Department of Agriculture for their encouragement and assistance. I also want to thank all the exhibitors for their important contributions and financial support. A special thanks is extended to Mrs. Christi Forsythe for her assistance in preparing and editing the program and proceedings.

Garry Lacefield
Program Chairman
XXVII Annual Kentucky Alfalfa Conference

**Don't forget to visit our Extension
Forage Website**

<http://www.uky.edu/Ag/Forage>

KENTUCKY ALFALFA AWARDS

The Kentucky Alfalfa Awards Program was initiated in 2000 at the 20th Anniversary of the Kentucky Alfalfa Conference. The Awards Program is funded annually from revenues generated each year for the Silent Auction during the Annual Conference.

Year	Warren Thompson Industry Award	Charlie Schnitzler Producer Award	Garry D. Lacefield Public Service Award
2007	Brett Winsett	Bill Payne	Dan Grigson
2006	Scott Cooper	George Eckler	Laurie Lawrence
2005	Barney Booher	Roy Reichenbach	Ken Johnson
2004	Gary Coughlin	Minos Cox	Mike Collins
2003	Phil Howell	Lee Robey	Monroe Rasnake Jimmy Henning
2002	Tom Keene	John Nowak	Billy Ray Smith
2001	Bill Talley	Larry Jeffries	Timothy H. Taylor W. C. Templeton, Jr.
2000	Warren Thompson	Sue Schnitzler*	Garry Lacefield

*Accepted on behalf of her father who was tragically killed in a farming accident on March 11, 1991.

TABLE OF CONTENTS

	PAGE
Alfalfa Information on the Web Scott Flynn	6
How the Alfalfa Plant Grows: Impact on Management S. Ray Smith	10
Requirements for Successful Alfalfa Establishment Garry Lacefield	16
Alfalfa Hay for Horses Bob Coleman	21
Alfalfa for Summer Grazing John Johns	24
Hay Heating, Hay Sweat and Spontaneous Combustion Tom Keene and Doug Overhults	29
Cowpea Aphids: Where did they come from, will they be back? Lee Townsend	31
Roundup Ready Alfalfa: Results after one year on the Market S. Ray Smith	34
How I Produced Nationally Award Winning Alfalfa Hay Rick Alexander	37