Celebrating 50 Years of the Maryland Nutrition Conference for Feed Manufacturers

1953 - 2003

This conference, the Golden Anniversary of The Maryland Nutrition Conference for Feed Manufacturers, is dedicated to Dr. Gerald Combs, Sr. Dr. Combs was instrumental in initiating the first conference and has maintained interest and input throughout these 50 years.

1st year (1953) Invited Speakers

G.F. Combs  Recent Broiler Nutrition Research
G.F. Combs  Broiler Mash Formulation
C.S. Shaffner  Breed and Strain Comparisons
P.F. Twining  Floor Space Requirements
I.M. Moulthrop  Respiratory Disease
C.D. Caskey  Quality Control in Purchasing Feed Ingredients

25 years (1978) Invited Speakers

G.L. Romoser  Nutrition and the Maryland Conference: 25 Years in Perspective
A.C. Keyl  The Effects of Ammoniated Affatoxin Contaminated Corn on Domestic Farm Animals
J.W. Kessler  An Evaluation of the True Metabolizable Energy System
S. Leeson  Step-up Protein Diets for Growing Pullets
T.C. Byerly  Ambient Temperature and Feed Required Maintenance of Layers
M.D. Ruff  Coccediosis and Anticoccidial Drugs: Influence on Intestinal Absorption of Nutrients by Broilers
W.J. Tynik  Protein, Calcium and Phosphorus Requirements for Young Swine
P.W. Moe  Applications of the New NRC Standards for Dairy Cattle
D.M. Kaetzel  Effects of Vitamin D, Metabolites on the Bones and Egg Shells of Aged Quail and Chickens
J.R. Reid  Diet and Body Composition: Cattle, Sheep, Swine, and Poultry
C.H. Noller  New Developments in Ruminant Nutrition: The Lower Gastrointestinal Tract
J.D. Latshaw  Selenium and the Mature Chicken
J.L. Sell  Energetic Efficiency of Egg Production as Influenced by Added Fat
W.J. Muller  Calcium Appetite in Chicken
R.H. White-Stevens  The Threatened Status of Growth Promo ants for Livestock and Poultry
P.V. Twining  Non-Nutritional Factors Affecting the Performance of Broilers
O.P. Thomas  Updated Amino Acid Requirements of Broilers
E.C. Leffel  Effects of Monensin on Performance and Volatile Fatty Acids in Ruminants
R.F. Davis  Response of Dairy cattle to Ration Protein of Different Solubilities

50 years (2003) Invited Speakers

Richard Sellers  Update on Issues in the Animal Feed Industry
Maurice Clarke  Effects of the Homeland Security Act on Animal Agriculture
Bruce Gardner  Issues in the Future of Maryland Agriculture
Mamdouh Sifri  Emerging Animal Feeding Issues
Gerald Combs, Sr.  Reflections on Fifty Years of the Maryland Nutrition Conference for Feed Manufacturers
M. Donahue  Agristats - Where Is Poultry Going As An Industry and What Economic Challenges Does It Face.
S. Beyer  Effects of Feed Processing and Texture on Bird Performance.
C. Novak  The Use of Low Protein Diets for Laying Hens.
T. D. D’Alfonso  Corn Quality - What Are We Including in Our Poultry Diets.
S. Lesson  Broiler Breeder Nutrition - What’s New and What Challenges Do We Face Today.
M. Dale  Novel or Alternative Ingredients for Poultry - Broiler/Layers.
S. Noll  Novel or Alternative Ingredients for Poultry - Turkeys.
J. Ferguson  Ammonia Emissions from Dairy and Beef Farms.
W. Thatcher  Nutritional Factors Influencing Reproductive Success in Dairy Cattle.
T. Capuco  Heifer Nutrition - Growth and Development.
J. Wallace  Natural Products for Manipulation of Fermentation in Ruminants.
W. Chalupa  The CPM Fat Sub model and Fat Metabolism in the Rumen.
M. Peterson  Forage Breeding to Improve Nutrient Content for Ruminants.
J. Rob Burk  Maryland Equine Update: The Maryland Horse Industry Board, The Maryland Horse Industry Feed Fund, and the Maryland Equine Census
M.B. Gordon  Feeding the Geriatric Horse.
E. Petersen  Nutrition of the Growing Horse.
R. Geor  Nutrition of the Equine Athlete.
D. Kronfeld  Fat Supplementation in the Equine Diets.
K. Crandell  Vitamin and Mineral Requirements of Horses.
M. Adams  Neutraceuticals in the Horse Industry.