TUESDAY, SEPTEMBER 30, 2008

SESSION 1: ADJUVANT

1:30 PM
Opening Remarks
Rich Zollinger, Symposium Chair

1:40 PM
Tembotrione Efficacy as Influenced by Commercial Adjuvant Products
M. L. Bernards, University of Nebraska-Lincoln, Lincoln, Nebraska, USA; B. G. Young, Southern Illinois University, Carbondale, Illinois, USA; and R. Zollinger, North Dakota State University, Fargo, North Dakota, USA

2:00 PM
Ammonium Sulfate and Commercial Water Conditioning Agents with Glyphosate
D. E. Peterson and C. R. Thompson, Kansas State University, Manhattan, Kansas, USA
2:20 PM
Laboratory Spray Table Bioassays of Glyphosate on Rye Grass at Aerial Spray Drift Levels
B. K. Fritz, W. C. Hoffman, and Y. Lan, USDA-ARS, College Station, Texas, USA

2:40 PM BREAK

3:00 PM
Imazapyr Absorption and Translocation in Northern Red Oak and Red Maple as Affected By Herbicide Formulation and the Adjuvant Methylated Seed Oil
M. L. Bernards, University of Nebraska-Lincoln, Lincoln, Nebraska, USA; D. Penner and J. Michael, Michigan State University, East Lansing, Michigan, USA

3:20 PM
Adjuvant Improves Control of Leaf Miner Flies by Insecticides
H. de Ruiter, SURfaPLUS R&D, Wageningen, Netherlands; B. Killick, Victorian Chemicals, Victoria, Australia; and P. Korsten, Botany, Netherlands; and T. Reolofse, Plant DLV, Netherlands

3:40 PM
Olyset® Net - Saving and Improving Lives with Slow Release Technology
J. Lucas, Sumitomo Chemical (U.K.) Plc, London, United Kingdom; and T. Ishiwatari, and Y. Takebayashi, Sumitomo Chemical Co., Ltd, Takarazuka, Hyogo, Japan

4:00 PM SYMPOSIUM ADJOURNS FOR THE DAY

WEDNESDAY, OCTOBER 1, 2008

SESSION 2: FORMULATIONS

Session Chair: R. G. Goss
Oil-Dri Corp
Vernon Hills, IL

9:00 AM
Effect of Processing Shear Time on EW Formulations
L. Costello, Crop Protection Chemist, New Castle, Delaware, USA

9:20 AM
Development of Novel Agricultural Oil-in-Water Emulsions
W. Xu, H. Tank, and D. Ouse, Dow AgroSciences, Indianapolis, Indiana, USA
9:40 AM  
**Effect of Trisiloxane Alkoxylate Structure on Spreading of Methylated Seed Oil Based Adjuvants**  
G. A. Policello, K. Koczo, and M. G. Pigeon, Momentive Performance Materials, Tarrytown, New York, USA

10:00 AM  
**Break**

10:40 AM  
**Selection and Resorting of Alternative Solvents**  
Y. Kozuki and T. Ohtsubo, Sumitomo Chemical Co., Ltd., Takarazuka, Hyogo, Japan and Kobe University, Kobe, Hyogo, Japan

11:00 AM  
**Chelating Agent and Stabilization of the Formulation**  
Y. Kozuki, T. Ohtsubo, and M. Sasaki, Sumitomo Chemical Co., Ltd., Takatsukasa, Hyogo, Japan and Kobe University, Kobe, Hyogo, Japan

11:20 AM  
**Stabilization of Suspension Concentrate by Specialized Double-Comb Polymers**  
J. L. Hazen, AkzoNobel Surface Chemistry, Danbury, Connecticut, USA

11:40 AM  
**VOC Emissions and Ozone Formation Potential from Pesticide Formulation Spray**  
A. Kumar, C. Howard, D. Derrick, W. Yang, P. Green, and M. Kleenan, University of California, Davis, Davis, California, USA

12:00 N  
**LUNCH (On Your Own)**

**SESSION 3: METHODS/REGULATORY**

Session Chair:  
A. Viets  
Bayer Crop Science  
Kansas City, MO

1:40 PM  
**Antifoaming and Defoaming in Agricultural Tank Mixes: Revisiting, Revising and Reviving a Method**  
T. O Connell and L. Ruscko, Exacto, Richmond, Illinois, USA
2:00 PM  
**Checking Marketed Plant Protection Products in the Federal Republic of Germany**  
C. Vinke and R. Haenel, Federation Office of Consumer Protection & Food Safety, Braunschweig, Germany

2:20 PM  
**The Method Review Process within CIPAC**  
R. Haenel, CIPAC/Federal Office of Consumer Protection, Braunschweig, Germany

2:40 PM  BREAK

### SESSION 4: APPLICATIONS

Session Chair:  J. Hazen  
AKZO Nobel Surface Chemistry  
Danbury, CT

3:00 PM  
**Adjuvants for Application Optimization**  
A. J. Hewitt, University of Queensland and Lincoln University, Lincoln, New Zealand

3:20 PM  
**The Influence of Tank Mix Additives on Leaf Coverage, Droplet Spectra, and Yield While Making Low Volume Aerial Fungicide Applications in Corn**  
R. E. Wolf, Kansas State University, Manhattan, Kansas, USA

3:40 PM  
**Surfactant Modeling - A Problem with Conformation?**  
M. J. Hopkinson, Syngenta Crop Protection, Inc., Greensboro, North Carolina, USA

4:00 PM  SYMPOSIUM ADJOURNS FOR THE DAY

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**THURSDAY, OCTOBER 2, 2008**

### SESSION 5: DRT

Session Chair:  J. Reiss  
Precision Laboratories, Inc  
Waukegan, IL
9:00 AM
**EPAs Pesticide Drift Reduction Technology Program**
R. E. Wolf, Kansas State University, Manhattan, Kansas, USA

9:20 AM
**Drift Reduction Technology Update**
W. E. Bagley, Wilbur - Ellis Company, San Antonio, Texas, USA

9:40 AM
**Evaluation of EPA Drift Reduction Technology (DRT) Low-Speed Wind Tunnel Evaluation Protocols**
B. K. Fritz, W. C. Hoffman, and Y. Lan, USDA-ARS, College Station, Texas, USA

10:00 AM   BREAK

SESSION 6: DRIFT/APPLICATION

Session Chair:   W. E. Bagley
Wilbur - Ellis Company
San Antonio, TX

10:40 AM
**Spray Particle Size and Distribution with Various Nozzle Tips, Pressures, Pesticides and Additives**
R. N. Klein, University of Nebraska, North Platte, Nebraska, USA

11:00 AM
**Evaluation of Reference Nozzles Following a Proposed EPA-DRT High Speed Wind Tunnel Protocol**
W. C. Hoffmann, USDA-ARS, College Station, Texas, USA

11:20 AM
**Multiple Metal Cations as Tracers for Spray Deposits and Their Application in the Evaluation of the AGDISP Ground Boom Spray Model**
J. A. Zabkiewicz, K. D. Steel, Plant Protection Chemistry NZ, Rotorua, New Zealand; and R. J. O’Connell, Lincoln Ventures Ltd, Lincoln, New Zealand

11:40 AM
**Closing Remarks**
New Symposium Chair

12:00 N   SYMPOSIUM ADJOURNS