

Western Nutrient Management Conference

March 4-5, 2009

Red Lion Hotel

161 West 600 South, Salt Lake City, UT
Phone: (801) 521-7373

Western Nutrient Conference Block

\$104 single/double (before Feb. 3)

Registration	\$ 125
After Feb. 25	\$ 150
Student.....	\$ 50
Proceedings (w/S&H)	\$ 25
WERA-103 Meeting	\$ 50

Wednesday, March 4

7:00 am Continental Breakfast

8:00 – 5:00 p.m.

Symposium: Economics of Fertilization

Global Markets and Perspectives on Fluctuations in Fertilizer Demand and Price. **Terry Tindall, J.R. Simplot**

How Variable Crop Fertilizer Prices Result in Shifting Optimal Fertilizer Rates. **Bryan Hopkins, Brigham Young Univ**

Micro-nutrients in Alfalfa Production: Is There Need/Opportunity for Cost Effective Management? **Grant Cardon, Utah State Univ**

Economics of Fertilization under Site-Specific Management. **Raj Khosla, Colorado State Univ**

Model of Changing N Rates with Input Pricing. **Clain Jones, Montana State Univ**

Variable-Rate Nitrogen Management Effects on Wheat Yield, Protein Stability, N Efficiency and Fertilization Economics: A Case Study. **Dave Huggins, Washington State Univ**

Symposium: Nutrient Management Impacts on Nutrient Cycling and the Environment

Columbia Gorge Nutrient Management Impacts on Air Quality. **Don Horneck, Oregon State Univ**

Phosphorus Dynamics in Organic Matter-Amended Soils. **Paul Grossl, Utah State Univ**

Charcoal Volatile Matter Content Effects on Soil N Dynamics. **Jonathan Deenik, Univ of Hawaii**

Irrigated Small Grain Residue Management Effects on Soil Properties and Nutrient Cycling. **David Tarkalson, USDA-ARS**

Thursday, March 5

7:00 am Continental Breakfast

8:00 – 12:00 noon

General Session

Dig It! The Secrets of Soil – a Primer on the Smithsonian Soils Exhibit. **Gary Peterson, Colorado State Univ**

Comparison of Induced Blanket Reactor (IBR) to Traditional Vertical Plug Flow (VPF) Technologies for Animal Manure Digestion. **Jody Gale, Utah State Univ**

Alfalfa Tissue Testing for Predicting Boron Requirements for Seed Production. **Brad Brown, Univ of Idaho**

Biofuel Byproducts as Nutrient Sources for Crops. **Amber Moore, Univ of Idaho**

WERA-103 Committee website

http://isnap.oregonstate.edu/WERA_103/index.htm;
or www.ipni.net/wnmc2009

Program: **Grant Cardon, Utah State Univ**

Conference Coordinator

Phyllis Pates, International Plant Nutrition Institute
2301 Research Park Way, Brookings, SD 57006
(605/692-6280) ppates@ipni.net

Conference sponsors. The Western Nutrient Management Conference, held every two years since 1995, is planned and conducted by the WERA-103 Committee with support from USDA's Cooperative States Research and Extension Service (CSREES) and from the International Plant Nutrition Institute (IPNI). The Western Region Nutrient Management Coordinating Committee (WERA-103) is composed of representatives from land-grant universities, public agencies, and private industry. The WERA-103 group seeks to protect water quality by i) improving nutrient management recommendations based on soil, water and plant analysis results and other management strategies, and by ii) coordinating Western Region education and research efforts.