

2006 Wisconsin Fertilizer, Agrilime & Pest Management Conference
January 17-19, 2006
Alliant Energy Center – Madison

Tuesday PM Manure Stories: Lessons in Soil & Water Management {Mendota 1-4}

	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
1:00-1:10	TBA		Introductory Remarks
1:10-1:25	Karl Klessig,	Saxon Homestead Farm	Manure Runoff: It Can Happen to You
1:25-2:25	Presenter TBA	Wis. DNR	Manure Runoff
	<u>Panel Discussion</u>		
	Pat Murphy	USDA-NRCS	
	Jim Vanden Brook	Wis. DATCP	
	Panelist TBA	Wis. DNR	
2:25-2:55	Laura Good	UW Soil Science	Anatomy of a Runoff Event
2:55-3:10	Break		
3:10-4:10	Presenter TBA	Wis. DNR	Subsurface Flow of Manure and Water
	<u>Panel Discussion</u>		
	Pat Murphy	USDA-NRCS	
	Jim Vanden Brook	Wis. DATCP	
	Panelist TBA	Wis. DNR	
4:10-4:40	Birl Lowery	UW Soil Science	Soil Structure: Friend or Foe?
4:40-4:55	Jerry Clark	UWEX Chippewa Co	Smoking Tile Lines: A Demonstration of Soil Structure

Tuesday PM Pesticide Applicator Special Session {Mendota 6-8}

	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
1:00-1:20	Phil Pellitteri	UW Entomology	Insecticide Basics 101
1:20-1:40	Walt Stevenson	UW Plant Pathology	Fungicide Basics 101
1:40-2:00	Ed Luschei	UW Agronomy	Weed Management with Uncertain Weather
2:00-2:15	Break		
2:15-2:35	Tim Trower	UW Agronomy	Managing Risk
2:35-2:55	Mark Jeschke	UW Agronomy	WeedSOFT Predictions of Corn and Soybean Yield Loss
2:55-3:15	Chris Boerboom	UW Agronomy	Factors Affecting Glyphosate Performance

Tuesday PM Pesticide Applicator Special Workshop {Mendota 5}

	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
3:30-4:15	Dan Heider	UW Horticulture	Understanding Spray Nozzle Performance
4:15-5:00	Dan Heider	UW Horticulture	Understanding Spray Nozzle Performance

Wednesday AM Nitrogen Management {Mendota 3-4}

	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
9:00-9:15	Larry Bundy	UW Soil Science	Sidedressing N: Useful on All Soils?
9:15-9:30	Carrie Laboski	UW Soil Science	Does it Pay to Use Nitrification and Urease Inhibitors?
9:30-9:45	Don Genrich	UWEX Adams Co	Slow Release N Fertilizers: Are We There Yet?
9:45-10:15	Larry Bundy	UW Soil Science	How Can We Improve Nitrogen Use Efficiency?
10:15-10:30	Break		
10:30-10:50	Jeff Osterhaus	UW Soil Science	Using the Illinois Soil N Test to Predict Optimum N Rates for Corn in Wisconsin
10:50-11:35	John Sawyer	Iowa State-Agronomy	A Regional Approach to N Fertilization Guidelines
11:35-12:00	Carrie Laboski	UW Soil Science	Implementation of Regional N Fertilization Guidelines in Wisconsin

Wednesday AM Urban/Rural Interface Issues & Opportunities {Mendota 1-2}

	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
9:00-9:15	TBA		
9:15-9:35	Bruce Jones	UW Ag & Applied Econ	Impact of Land Prices on The Rural Economy
9:35-10:20	Bob Cropp	UW Center for Coops	Marketing to a Dealership's Changing Clientele
10:20-10:35	Break		
10:35-10:55	Linda Bochert	Michael Best & Friedrich	The Working Lands Initiative: What Is It and Why Do You Care
10:55-11:15	Perry Cabot	UW Bio Systems Engr	Manure Management on the Urban/Suburban Fringe
11:15-11:40	TBA		Communicating with Non-farm Neighbors
11:40-11:55	Richard Castelnuovo	Wis. DATCP	Livestock Siting Update

Wednesday AM Soybean & Corn Pest Management {Mendota 5-8}

	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
9:00-9:15	TBA		Variant of the Corn Rootworm
9:15-9:30	Ryan Tichich	UWEX Polk Co	Armyworm Troubles in 2005
9:30-9:45	Craig Grau	UW Plant Pathology	Stem Canker Threat in Wisconsin
9:45-10:00	Eileen Cullen	UW Entomology	Soybean Aphid Suction Trapping
10:00-10:15	Nancy Koval	UW Plant Pathology	Understanding Virus Potential in Commercial Soybean Fields
10:15-10:30	Break		
10:30-10:45	TBA	Wis. DATCP	Wisconsin's Insect Survey and Forecast
10:45-11:15	Martin Draper	SDSU-Plant Science	The Concept of Soybean Plant Health
11:15-11:35	Craig Grau	UW Plant Pathology	Field Tests on Improving Soybean Health
11:35-11:55	Eileen Cullen	UW Entomology	Spider Mites: A to Z

Wednesday PM Nutrient Management Planning {Mendota 1-2}

	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
2:00-2:15	Pete Nowak	UW Rural Sociology	Wisconsin Buffer Initiative: A New Model for Natural Resource Programs
2:15-2:30	Laura Good	UW Soil Science	Development and Validation of the Wisconsin Phosphorus Index
2:30-2:45	Mark Powell	USDA-ARS , Madison	The Ability of Wisconsin Dairy Farms to Conform to 590 Nutrient Management Standards
2:45-3:25	<u>Panel Discussion:</u> Pat Murphy Sue Porter Tom Bauman	Nutrient Management Regulation - Agency Update and Who's Rules Apply? USDA-NRCS Wis. DATCP Wis. DNR	
3:25-3:40	Break		
3:40-4:10	Pat Murphy	USDA-NRCS	NMP vs. CNMP and 3rd Party Vendors
4:10-4:40	TBA	USDA-NRCS	Technical Service Provider Update
4:40-4:55	Matt Otto	USDA-NRCS	Conservation Security Program Update

Wednesday PM Market & Prices {Mendota 3-4}

	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
2:00-2:15	Lorett Jellings	Wis. DATCP	Fertilizer Rule Update: ATCP 40
2:15-3:15	Mike Rahm	The Mosaic Company	NPK World Demand and Market Outlook
3:15-3:30	Bill Johnson	Alliant Energy	Why Are Energy Prices So High?
3:30-3:45	Break		
3:45-4:15	Scott Sanford	UW Bio Systems Engr	Opportunities to Reduce Energy Costs
4:15-4:55	Randy Fortenbery	UW Ag & Applied Econ	Unique Situations in Grain Markets for 2006

Wednesday PM Soybean Rust & Diseases {Mendota 5-8}

	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
2:00-2:20	Ann Macguidwin	UW Plant Pathology	SCN title requested
2:20-3:05	Martin Draper	SDSU-Plant Science	The American Experience with Soybean Rust
3:05-3:25	Bryan Jensen	UW Horticulture	Tracking Soybean Rust: Sentinel Plots and Spore Trapping
3:25-3:40	Break		
3:40-4:10	Brian Hudelson	UW Plant Pathology	Sorting through the Soybean Leaf Disease Complex
4:10-4:25	TBA	Wis. DATCP	Labels and Legal Use of Rust Fungicides
4:25-4:40	Craig Grau	UW Plant Pathology	Panel Discussion: Soybean Rust Q&A
4:40-4:55	TBA	Wis. DATCP	Wisconsin's Disease Survey and Near Misses

Thursday AM NMP Writers' Special Session I {Upstairs Room}

	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
9:00-12:00	Kevin Erb Judy Derricks	UWEX-NPM USDA-NRCS	USDA-NRCS RUSLE II Training

Thursday AM NMP Writers' Special Session II {Upstairs Room}

	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
9:00-12:00	Sue Porter	Wis. DATCP	SNAP Plus Training

Thursday AM Soil Fertility & New Opportunities {Mendota 2-4}

	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
9:00-9:15	Mike Rankin	UWEX Fond du Lac Co	Dairy Feed: A New Cash Crop
9:15-9:30	Josh Betcher	UW-River Falls	Economics of Trading Manure Based on Its Fertilizer Value
9:30-9:45	Kevin Erb	UWEX-NPM	Business Opportunity: Linking Cash Grain and Dairy Farms
9:45-10:00	Gregg Sanford	UW Agronomy	Soil Compaction from Manure Application
10:00-10:15	TBA - Farmers		Q&A How Did These Two Farms Make it Work?
10:15-10:30	Break		
10:30-10:45	Phil Barak	UW Soil Science	Struvite: A Recovered and Recycled Phosphorus Fertilizer
10:45-11:00	Ted Bay	UWEX Grant Co	Soil Sampling for Nutrient Management Plans
	Karen Talarczyk	UW Horticulture	
11:00-11:15	John Peters	UW Soil Science	Allocating Limited Dollars for Lime
11:15-11:30	TBA		Managing Potassium for Maximum Yield
11:30-12:00	Vince Michalski	WFCA	WFCA Annual Meeting in Mendota 2-4

Thursday AM Seeds & Traits {Mendota 5-8}

	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
9:00-9:15	Roger Borges	UW Agronomy	Managing Soybean Fatty Acid Composition
9:15-9:30	Bob Karls	WSA	Soybeans: New Uses New Markets
9:30-9:50	Joe Lauer	UW Agronomy	How to Select the Right Maturity Hybrid for the Customer
9:50-10:10	Paul Mitchell	UW Ag & Applied Econ	Decision Tools for Corn Borer and Rootworm Management
10:10-10:25	Break		
10:25-10:40	TBA	Wis. DATCP	Refuge Compliance
10:40-11:00	Bill Tracy	UW Agronomy	Plant Breeding and Genetics: Where Have We Been? Where Are We Going?
11:00-11:15	Steve Paszkiewicz	Pioneer	A New Glyphosate Resistant Soybean
11:15-11:30	TBA	Wis. DATCP	Revision of Seed Statute
11:30-12:00	Vince Michalski	WFCA	WFCA Annual Meeting in Mendota 2-4

Thursday AM Vegetable Crop Management {Mendota 1}

	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
9:00-9:15	AJ Bussan	UW Horticulture	Processing Onions: A New Opportunity for Wisconsin
9:15-9:30	Chris Boerboom	UW Agronomy	Poast Resistant Sweet Corn
9:30-9:55	Brian Flood	Del Monte	Weather and Pest Dispersal: Soybean Rust, Soybean Aphid, and Corn Earworm
9:55-10:25	<u>Panel Discussion:</u> Service Opportunities with Fresh Market Growers		
	Karen Delahaut	UW Horticulture	
	Paul Ehrhardt	UW Agronomy	
	TBA		
10:25-10:40	Break		
10:40-11:00	Walt Stevenson	UW Plant Pathology	Multi-year Snap Bean Virus Susceptibility Study Summary
11:00-11:15	Dan Heider	UW Horticulture	Wisconsin IR-4 Center: Step One to a Vegetable Crop Label
11:15-11:30	Jed Colquhoun	UW Horticulture	Herbicide Label Updates for Vegetable Crops
11:30-12:00	Vince Michalski	WFCA	WFCA Annual Meeting in Mendota 2-4

Thursday PM Agronomy & Soils Research Update {Mendota 2-4}

	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
1:30-1:45	Mike Bertram	UW-Marshfield ARS	Experimenting with Soybean/Grass Combinations for Forage
1:45-2:00	Mike Casler	USDA-ARS	A New Grass for Management Intensive Grazing Systems
2:00-2:15	Dan Undersander	UW Agronomy	Research and Prospects for Roundup Ready Alfalfa
2:15-2:30	Dick Wolkowski	UW Soil Science	Tillage Management for the Corn/Soybean Rotation on Erodible Soils
2:30-2:45	Mark Powell	USDA-ARS	Conserving the Fertilizer N Value of Dairy Manure through Abatement of In-Barn Ammonia Emissions
2:45-3:00	Break		
3:00-3:15	TBA		Staking of Turkey Manure on Headlands
3:15-3:30	Craig Simson	UW-Marshfield ARS	Manure Nutrient Response to Feed Restrictions in Dairy Replacement Rations
3:30-3:45	Nancy Bohl	UW Soil Science	Scale of Measurement Effects on Phosphorus in Runoff from Cropland
3:45-4:00	Angela Ebeling	UW Soil Science	Evaluation of the Bray P-1 Soil Test on Eastern Red Soils in Wisconsin

Thursday PM Future Issues in Weed Management {Mendota 5-8}

	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
1:30-1:50	Dave Stoltenberg	UW Agronomy	Case Histories of Weed Resistance to Glyphosate
1:50-2:10	Crop Consultant	WAPAC	Glyphosate Use Patterns in Wisconsin
2:10-2:25	Chris Boerboom	UW Agronomy	North Central Recommendations for Problem Weeds
2:25-2:40	<u>Panel Discussion:</u> Herbicide Resistant Weeds		
2:40-2:55	Break		
2:55-3:15	TBA	Wis. DATCP	Atrazine Reintroduction
3:15-3:30	TBA	Wis. DATCP	Pesticide Re-registrations: 2,4-D as a Classic Example
3:30-3:50	Jed Colquhoun	UW Horticulture	Allelopathy in Weeds and Crops: Myth vs. Facts