

21st Annual Conference

February 3-4, 2009

Workshops

AgrAbility- What's in it for You?

Robert Fetsch, Extension Specialist, Human Development and Family Studies, Colorado State University. **Jill Sump**, Colorado AgrAbility Project Manager, Lakewood, CO **Vince Luke**, Case Manager, Colorado AgrAbility Project, Lakewood, CO.

AgrAbility for Farm/Ranch Families with Injuries & Illnesses includes:

- What is AgrAbility & Who is it for?
 - What can you get?
 - Review the Toolbox with over 500 equipment modifications
 - The three leading external causes of death on Colorado farms/ranches are...
 - How AgrAbility works with families
 - Client success stories
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Agriculture in China

Ken Root, Norwalk, IA

Carbon Credit Opportunities for No-Till

Tony Frank, Rocky Mountain Farmers Union Director of Renewable Energy Development, Greenwood Village, CO.

Ginny Brannon, Department of Public Health and Environment, Coordinator of Western Regional Agricultural Offset Initiative, Greenwood Village, CO.

1 CEU in Professional Development for attendance at one of the two sessions.

Carbon Sequestration and Carbon Credits: How can no-till farmers tap into markets with real money for their practices that sequester carbon? Attendees will learn about the Chicago Climate Exchange and the emerging Western Regional Agricultural Offset Market. This program will specifically cover:

- What farming practices qualify under the Chicago Climate Exchange for trading credits.
 - How to enroll in a carbon credit program.
 - An overview of Colorado's development of the Western Regional Agricultural Offset Initiative that is part of the Colorado Climate Action Plan.
 - Resources available to help farmers understand carbon sequestration and market opportunities.
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Climate

Nolan Doesken, State Climatologist, Colorado State University, Ft Collins, CO

Colorado Ag Disaster Fund, **Troy Bredenkamp**, Executive Vice President, Colorado Farm Bureau, Centennial, CO

Commodity Pricing

John Deering, Agriculture and Business Management Specialist, Colorado State University Extension, Akron CO.

In today's agricultural and financial markets, a few days can seem like an eternity. On July 1, 2008, cash corn price was nearly \$7.00/bushel. Nearly 4 months later, cash corn bids in Northeastern Colorado are below \$4.00. Wheat prices, along with many other commodities, have seen a similar slide. These wild times make it more important than ever to know the latest available tools in marketing and crop insurance. Please join me in a discussion of these topics along with an update of the recently passed Farm Bill "Food, Conservation, and Energy Act of 2008".

Determining the Best Rotational Fit for Confection Sunflowers in the Big Horn Basin of Wyoming

Randall Violet, Research Associate at the Powell Research and Extension Center, WY

1 CEU in Pest Management for attendance at one of the two sessions.

This program will share two years of data from the work done at the Powell Research and Extension Center. The major focus of this work has been determining where to place confection sunflowers in the crop rotation for Big Horn Basin producers. Extensive soil testing and yield data collection as well as economic analysis will be presented.

Economically Optimum N rates for wheat, corn, millet and sunflowers

Merle F. Vigil, Research Leader/Soil Scientist, USDA-ARS Central Great Plains Research Station, Akron, CO

1 CEU in Nutrient Management. This session is presented only one time.

The objective of this presentation is to provide dryland producers with some practical tools for estimating economically optimum N rates for dryland crops in the central Great Plains regions. I will present several site years of fertilizer N response data for dryland winter wheat, corn, millet and sunflowers. The data has been collected in both dry and wet years so we have confidence regarding how N response changes with weather (wet years versus dry years). The data sets have been fitted to regression equations and that enables us to calculate the economically optimum N rate for the various crops. Tables that reflect current economics for the cost of N and the prices of the commodities will be presented for dry years and wet years for these crops.

Equipment Considerations for No-till, Residue, and Uniformity

Paul Jasa, Extension Engineer, University of Nebraska, Lincoln NE

1 CEU in Soil & Water for attendance at one of the two sessions.

No-till is far more than just planting a crop without tillage - it's a systems approach to crop production. Paul's presentation will feature tips to handle residue and minimize soil disturbance to take full advantage of no-till to conserve soil and water. Included will be planting equipment, combines, sprayers, fertilizer applicators, strip -till, and other implements that may disturb residue or soil. The presentation will use a lot of real-field examples to illustrate these points and many other items affecting crop production. Many of the experiences were gained and evaluated on the University of Nebraska Rogers Memorial Farm where Paul has been conducting research for almost 30 years. Others came from [producers and researchers across the Midwest as Paul has been helping producers adopt no-till production systems for more than 25 years.

Grain Sorghum Grass Herbicide Tolerance

Kassim Al-Khatib, Professor, Weed Sciences, Kansas State University

1 CEU in Pest Management for attendance at one of the two sessions.

1 CEC in Pest Management Category 103 - Agricultural Weed Control for attendance at one of the two sessions.

Grain Sorghum Farmer Panel

Shelby Britten, Ryan Britten, Producers, Britten Farms, Haswell, CO

1 CEU in Crop Management for attendance at one of the two sessions.

Learn about growing grain sorghum from producers who have experience.

iFARM Record Keeper (iKEEP)

Daniel Palic, Agricultural Science Research Technician and **Gale Dunn**, Soil Scientist, USDA-ARS-NPA_Agricultural Systems Research Unit, Fort Collins, CO

1 CEU in Professional Development for attendance at one of the two sessions.

The easy-to-use iFARM Field Record Keeper (iKEEP) was designed to help farmers keep track of field operational records, iKEEP is a computer program designed under Micro Soft Excel™. The tool is designed to be farm specific allowing the user to create a format specific to their operation. The record keeper will be demonstrated, questions answered, and then time will be available to test-drive the record keeper. The record keeper is a free product of USDA-ARS. Access to the software will be made available at the conclusion of the session.

Limited Irrigation Panel

Neal Hansen, Associate Professor, Soil and Crop Sciences Dept, Colo State University, Ft Collins, CO

Joel Schneckcloth, Northeast Regional Water Resource Specialist, Colorado State University, Akron, CO.

1 CEU in Soil & Water for attendance at one of the two sessions.

Water has been a limiting input in irrigated agriculture. Whether limited by capacity issues or quantity, maximizing the return from this input is important. This session will discuss management practices for limited water management. Results from the latest research in Colorado will be given for water management, rotation impacts and alternative low input crops.

Practices to Enhance Wheat Production While Achieving Control of Jointed Goatgrass

Doug Schmale, Producer, NE, Great Plains Extension Coordinator, national Jointed Goatgrass Research Program, Washington State University

1 CEU in Pest Management for attendance at one of the two sessions.

1 CEC in Pest Management category 103 - Ag Weed Control for attendance at one of the two sessions.

To successfully control jointed goatgrass and other problem weeds in wheat, producers should use a multi-practice approach. Many of these practices will enhance wheat production even if grass weeds are not a problem. This workshop will discuss practices evaluated in a multi-year, multi-state research program. Doug will do an overview of the publication that will be distributed and then attached to this web site.

Succession and Asset Planning

John Snow Esquire, Hagstaff Gessler LLC, Denver, CO.

This session will address a variety of planning issues including strategies for limiting estate and gift tax exposure. This session will also discuss wills and estate planning tools such as life insurance trusts, health care powers of attorney, etc. Additional succession planning topics include: installment sales, family LLC's retirement planning conservation easements, oil and gas exploration, and wind and solar development.

1 CEU in Professional Development for attendance at one of the two sessions.

The Economics of Limited Irrigation

James Pritchett, Associate Professor, Ag & Resource Economics, Colorado State University, Ft Collins, CO

1 CEU in Crop Management for attendance at one of the two sessions.

What are the alternatives for producing with limited irrigation water? This program considers alternatives, examines profitability of selected irrigation strategies and provides a spreadsheet crop decision tool.

Strip Till Farmer Panel

Troy Seaworth Owner/Operator Seaworth Farms, Wellington CO

Art Elmquist, Producer, Longmont, CO

Rod Johnson, Producer,

Mike Kosman, Producer, Fort Morgan, CO

1 CEU in Soil & Water for attendance at one of the two sessions.

Strip-tillage under pivot and flood irrigation. Managing residues and adapting to various situational differences in cropping systems. Efficiencies gained by strip-till. Producers share their experiences with strip-till.

Triticale/Forage Update

David Poss, Soil Scientist, ARS, USDA, Central Great Plains Research Station Akron, CO

1 CEU in Crop Management for attendance at one of the two sessions.

This presentation will focus on variety trial data, nitrogen fertilizer trial data, and another experiment where we mix peas with triticale for increased forage quality of the triticale forage. The past three growing seasons we have conducted research trials to assist procedures in making decisions for improved triticale forage yield and quality.

Value of Crop residues for Evaporation Suppression and Deficit Irrigation in No-till Management

Dr. Norman, Klocke, Professor of Water Resources Engineering, Kansas State University, Garden City, KS.

1 CEU in Soil & Water for attendance at one of the two sessions.

Reducing soil and water evaporation (E) is one of the benefits of leaving crop residues in place. Corn and Wheat stubbles that covered the soil surface reduced nearly 50% compared with bare soil. Partial surface coverage, from 25% to 75%, caused small reductions in E. Soil surfaces needed to be nearly covered to significantly reduce E.

Water Law and Administration

Ken Knox, Principal Water Resources Engineer, URS Corp. Denver, CO

Water law administration is an increasingly complex discipline with direct impacts to the agricultural community. this presentation will provide a practical foundation into water law and administration that will assist agricultural professionals in their business and community activities.

Weed Management and Sunflower Production

Alan Helm, Area Weed Specialist, CSU Extension, Holyoke, CO

Joel Schneekcloth, Northeast Regional Water Resource Specialist, Akron, CO

1 CEU in Pest Management for attendance at one of the two sessions.

1 CEC in Pest Management Category 103 - Ag Weed Control for attendance at one of the two sessions.

Wind Energy - The Legal Issues

Bradley J. Haight, Esq. Hackstaff Gessler LLC, Denver, CO