

REDLANDS COMMUNITY COLLEGE

Presents

SOIL HEALTH FIELD DAY

February 18, 2016

9 a.m. to 3 p.m.

Come hear national experts and Oklahoma agriculture producers discuss ways to increase livestock and crop production, and decrease input costs by improving the health of our soil. Meeting will include tours of test plots demonstrating ongoing soil health research in Central Oklahoma.



Dr. Fred Provenza,
Professor Emeritus of Behavioral Ecology with the Department of Wildland Resources at Utah State University. He is a pioneer in the study of how behavior links soils, plants, herbivores, and humans and their collective effects on landscapes.



Dr. Hailin Zhang,
Regents Professor of Soil Health, Oklahoma State University Soil Health Testing in Oklahoma



Jimmy Emmons,
Agriculture Producer, Leedey, Oklahoma Understanding Cover Crops, No-Till and their impact on an Oklahoma Farming and Ranching operation.



Masonic Charity Foundation of Oklahoma

Admission is free with lunch provided by Oklahoma AG Credit.

PLEASE REGISTER BY FEBRUARY 15!

Please register online.

<https://www.redlandsc.edu/index.php?q=content/redlands-field-day>

THANK YOU to our SPONSORS

Johnston Seed

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USDA ARS

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USDA Southern Plains Climate Hub

Western Equipment

Wheeler Brothers Grain Company

Morning sessions will be held at the Darlington Chapel with afternoon tours and presentations located at the Redlands Royce Ranch Campus North of El Reno. Redlands Community College Darlington Chapel, 5005 Darlington Road, El Reno, OK 73036 (3 miles north and 3 miles west of El Reno)

Mark your calendars

MARCH

31

9 a.m. - 5 p.m.

Soil Health & Cover Crop Conference

Special Guest Speakers

Gabe Brown, Bismarck North Dakota



Gabe Brown is one of the pioneers of the current soil health movement which focuses on the regeneration of our resources. Gabe and his family own and operate a **diversified** 5,000 acre farm and ranch near Bismarck, ND. The Browns holistically integrate their grazing and no-till cropping systems, which include a wide variety of cash crops and multi-species cover crops along with all natural grass **finished** beef and lamb.

Seminar Topics

- Slake and Infiltration Demonstrations
- The Soil Beneath our Feet
- Our Journey to Regeneration
- Building Stronger Soils: An Oklahoma Example
- Regenerating Cropland
- Regenerating Rangeland
- Stacking Enterprises for regeneration and Profit
- Ideas to Incorporate Soil Health Methods into your Operation



Ray Archuleta, USDA Soil Scientist

Ray Archuleta is a Regional Soil Health Specialist for the NRCS Soil Health Division. He teaches Biomimicry Strategies and Agroecology principles throughout the country for improving soil function. He has 31 years of work experience with the Natural Resources Conservation Service. He is also a **Certified** Professional Soil Scientist with Soil Science Society of America.



Jimmy Emmons, Leedey Oklahoma

Jimmy Emmons has been at the forefront of the soil health movement from the start. Recently named an NACD Soil Health Champion, Jimmy's early adoption of no-till, cover crops and integrated grazing are providing vital insight into how these systems function in Oklahoma conditions.

Redlands Conference Center

1300 S. Country Club Road, El Reno, Okla.

Please RSVP at

<https://www.redlandscce.edu/index.php?q=content/redlands-field-day>

For more information, Clay Pope 405-699-2087

Thank you to our Sponsors

- USDA Climate Hub
- USDA NRCS
- Johnston Seed
- USDAARS
- National Resources Defense Council
- Oklahoma Land Stewardship Alliance

Lunch provided by



SOIL HEALTH & Grazing Conference

Redlands Community College

Darlington Chapel

5005 NW Darlington Road, El Reno Okla.

JULY 11

8:30 a.m. to 5 p.m.

Please RSVP by July 5 online at

<https://www.redlandsc.edu/content/soil-health-seminar-registration>

Guest Speakers

Colin Seis



A soil health Pioneer from Australia and one of the world's most influential agriculture producers, Colin Seis and his family farm and ranch on over 2000 acres utilizing holistic planned grazing methods that regenerate its grassland, soil, and farm ecosystem while reducing inputs and increasing production. Seis is the developer of the 'pasture cropping' technique, a form of perennial cover cropping where annual crops are planted directly into perennial grassland or pasture, after the pasture has started its natural dormancy.

Gail Fuller



An Emporia Kansas farmer and rancher, Gail Fuller has been 100% no-till since 1995. A pioneer in the use of cover crop mixes, Fuller experiments with growing companion crops and perennial covers. He uses cattle, sheep pigs, and chickens to graze his covers utilizing intensive rotational or "mob" grazing. His work has led him to organize an annual "Fuller Field School" that draws speakers and guests from around the world to share the latest knowledge on regenerative agricultural practices.

Jason Warren, PHD

Jason Warren is associate professor of Soil and Water Conservation and Management Extension Specialist at Oklahoma State University. Dr. Warren is doing research on cover crops in rotation with winter wheat. He currently has test plots at the OSU research facility west of Lahoma, and is working in conjunction with Redlands Community College at El Reno.



Thank you to our sponsors

- USDA Climate Hub
- Johnston Seed
- USDA ARS
- Oklahoma Land Stewardship Alliance

For more information:

Clay Pope 405-699-2087

Free Agriculture Workshop & Lunch

Plan to Join Us to learn how Healthy Soil will benefit you.

May 11, 2017

Choctaw Nation Soil Health Seminar

Choctaw Nation Community Center, 2408 E. Lincoln Road

Idabel, Oklahoma

9:00 a.m. 2:00 p.m.

Pre-registration begins at 9:00 AM

Workshop begins at 9:30 AM



The workshop agenda topics include:

- ❖ Grain and forage sorghum production
- ❖ Ongoing research on new crop species and varieties being conducted by the USDA Agricultural Research Service (ARS)
- ❖ Producer perspectives on planting and grazing summer cover crops
- ❖ Overview of the agriculture demonstration, education and outreach efforts being undertaken by the Choctaw Nation in partnership with NRCS
- ❖ Presentations from the USDA Natural Resources Conservation Service (NRCS), National Agriculture Statistics Service (NASS) and the Samuel Roberts Noble

Those planning to attend are asked to RSVP by May 8 by calling Clay Pope at 405-699-2087, Jack Hicks at 580-326-3201 (ext. 6019), Carol Crouch at 405-612-9331 or register by e-mail at claygpope@gmail.com or carolcrouch@ok.usda.gov. There is no charge for the meeting and lunch will be provided. Sponsors include the Southern Plains of the United States, the Choctaw Nation, the USDA Natural Resources Conservation Service (NRCS), Redlands Community College and the USDA Southern Plains Climate Hub.

Choctaw Nation Soil Health Seminar

Agenda 9:00 AM - 2:00 PM

Coffee & Registration

Welcome & Introductions - Clay Pope

Cover crops, grazing and soil health

Steve Alspach, State Soil Scientist, USDA NRCS

Ongoing research on new species and varieties of cover crops for Oklahoma

Dr. Brian Northurp, USDA Agricultural Research Service, El Reno

10:45 Break

Summer covers and soil health options

Greg Scott, Oklahoma Conservation Commission

Improved pastures through soil health

Hugh Aljoe, Noble Foundation

Soil Health from a producer perspective

TBA

12:15 Lunch

NRCS Conservation Client Gateway Technology

Dr. Carol Crouch, State Tribal Liaison, USDA-NRCS

National Agriculture Statistics Service

Troy Marshall, NASS

How to get a good soils test

Steve Alspach, State Soil Scientist, USDA NRCS

Choctaw Nation Soil Health Vision

Jack Hicks, Choctaw Nation

