



July 6, 2017 • ENID, OK

Northern Oklahoma College
Gantz Student Center, Montgomery Hall

Soil health is the single most important factor to a successful and resilient farm and ranching operation. Soil health principles apply whether you grow crops, raise livestock or both. Soil health management practices applied together can benefit and enhance both grazing and farming.

REGISTER AT NOTILL.ORG
Free, attendance limited to 150

Questions? swaffar@notill.org or (785) 210-4549

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8:00 a.m. Registration and Check-in

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8:30 a.m. Welcome and Introductions

8:45 a.m. Managing Grazing to Regenerate Soil Health and Ranch Livelihoods

Dr. Richard Teague, Associate Resident Director and Professor, Texas A&M University AgriLife Research, Vernon, TX

Dr. Teague focuses his research on sustainable land use with principles of ecosystem function. He uses four key elements to enhance this linkage: a systems research program, resource accounting, long-term assessment and partnering with rancher clientele. The goal is to use a systems approach in developing land and livestock management practices that sustain natural rangeland resources and the people depending on the land.

10:15 a.m. Improving Soil Health on the Farm and Ranch

Jimmy Emmons, No-till Producer, Leedey, OK

Jimmy Emmons farms nearly 2,000 acres in Dewey County, OK, with wheat, irrigated dairy alfalfa hay, wheat-canola rotation and a cow-calf operation. He also manages his rangeland with soil health in mind. He will share his experience utilizing cover crops for forage on his cropland along with rangeland to improve soil health and production on both.

12:00 p.m. Lunch provided

1:00 p.m. Multi-Use Cover Crops for Grazing and Soil Health

Doug Spencer, Rangeland Management Specialist, USDA Natural Resources Conservation Service, Marion, KS

Doug is an area rangeland management specialist and Kansas soil health team leader for NRCS. He provides assistance with grazing land inventory, grazing system planning, invasive plant management, prescribed burn planning, and water development ideas. Doug will discuss how cover crops can complement

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perennial grassland systems and provide ideas on estimating forage production and determining stocking rates..

2:45 p.m. Break

3:15 p.m. Making a Difference with Livestock, Cover Crops & No-till

Darin Williams, continuous no-till producer/soil health practitioner, Waverly, KS

Darin and wife Nancy live in Waverly, KS. Their 2,000-acre operation includes a complex rotation of non-GMO corn and soybeans, grain sorghum, cereal crops such as wheat, triticale, rye and barley, and cover crops that include sudangrass, millet and sunflowers. In addition, the Williams' raise herds of grass-fed British White cattle Katahdin hair sheep, and small flocks of heritage turkeys and chickens. They utilize cover crops and primary forage for their livestock. Darin will discuss how he uses soil health principles to drive decisions. His innovation and willingness to try something new have proven to be an asset in the operation.

4:45 p.m. Q&A

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