

REGENERATIVE GRAZING FOR RESTORATION AGENDA



Register at www.agsoilregen.com/grazing

February 19, 2020

8:00

Registration

Get your name tag.....register if you haven't already.

8:30

Gabe Brown

Integrating Livestock for Profitability

Brown calls organic matter a “revolving nutrient bank account.” Organic matter, which takes decades to increase, has greatly improved on his farm/ranch, through the use of diversity of crops, forages and multi-livestock grazing, dual and companion cropping, use of manure, no-till farming, livestock as harvesters, planned grazing system, cover crops, keeping the soil covered and having a living root under the soil, ensuring a multitude of organisms thrive under the soil, utilizing strong soil residue/armor and following and improving on many other soil health principles and guidelines.

10:30

Break / Visit Booths

Visit the vendors and be sure to get a signature from each vendor. Those who complete the page will be entered to win a drawing. One drawing each day. Be sure to stop by the registration desk to purchase your copy of Gabe Brown's **Dirt to Soil**.

11:00

Deborah Clark

Grazing for Soil (Soul) Health:
How Our Management Impacts the Three Legged Stool

Our management decisions (or lack thereof) directly impact the health of soil, forage, crops, and livestock on our ranches and farms, the health of our financial bottom line, and the health of our personal relationships. Drawing on conditions found when they moved to their ranch in Clay County, Deborah will share how changes in management continue to bring about improvement to rangeland conditions and soil health, provide an opportunity for profitability, and continue to expand the possibility of true partnerships in our relationships.

12:00

Lunch

Lunch provided by La Luncheonette

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Rainfall Simulator

Texas NRCS provides a "seeing is believing" demonstration of how varying management practices benefit soil health and improve the water cycle. The demo shows how rangeland managed properly increases infiltration and reduce runoff and sedimentation.

1:45

Dr. David Johnson

Regenerating the Diversity of Life in Soils- Hope for Farming, Ranching, Nutrition, Environment, Health and Climate!

David's research in soil microbial community structure and function has opened a window on the interdependence between plants and soil microbes. Optimization of these plant-microbe associations restores soil fertility, improves crop growth, and increases plant-water-use efficiency, soil microbial-carbon-use efficiencies and soil carbon storage capabilities. These benefits provide a path to significantly increase farm and ranch productivity and profitability while also promoting better plant, soil and ecosystem health. Rebuilding a soil's microbial community population, structure, diversity and biological functionality will also provide a robust and practical mechanism to begin reducing atmospheric CO2 within a regenerative agricultural system.

2:45

Jonathan Cobb

What's Love Got To Do With It - Regenerative Land Stewardship

Jonathan will tell the story of his family's journey into regenerative land stewardship and how it takes more than just pragmatic methodologies to both motivate and bring satisfaction and joy. Inspired by a quote from Wendell Berry "**We have the world to live in on the condition that we will take good care of it. And to take good care of it, we have to know it. And to know it and to be willing to take care of it, we have to love it,**" Jonathan feels that Berry's description applies to the regenerative cycle that is needed for all of our relationships, whether it be with the land, animals, friends, spouses, or you name it.

3:45

Happy Hour Social

Sponsored by Indigo Ag



Lance Gunderson, M.S.
President & Owner
Regen Ag Lab, LLC
31740 Hwy 10
Pleasanton, NE 68866
308-440-1681

lance.gunderson@regenaglab.com

Regen Ag Lab, based out of Pleasanton, NE is your trusted source for carbon and soil health testing. Regen Ag Lab is owned by Lance Gunderson, an expert on the Haney Test and PLFA. He is aimed at guiding producer's management decisions with land stewardship, resource preservation and rejuvenation, and sustainable food production at the highest priority.

Regen Ag Lab offers carbon testing to test for changes in carbon sequestration due to management practices. He also offers the Haney test for soil fertility and soil health, as well as conventional fertility testing. Lance offers the SR-1 instrument for measuring soil respiration and consulting services surrounding the Haney Test developed by Dr. Rick Haney.

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Dr. Richard Teague

Grazing to restore soil health and ranch profitability

Dr. Teague is and has been doing what most of us have wanted, he is quantifying the results of holistic management practices and rotational grazing on soil restoration and soil health with real producers and not scientific studies done in a lab. Dr. Teague's lab is the pastures of producers. I am certain we have all asked, does holistic management, does rotational grazing really work? The answer is YES and you will get a LOT of value from the presentation with Dr. Richard Teague explaining to you why it works.

9:30

Julia and Cody Spencer

Grazing from Texas to Canada to Improve Soil Health

Julia and Cody will be giving a presentation about regenerating degraded landscapes by focusing on holistic management and soil health. Julia and Cody are ranch managers at Roam Ranch, which is a regenerative farm that produces nourishing meats and heals ecosystems. This ~1000 acre ranch was started by first-generation farmers, Taylor Collins and Katy Forrest, as they looked to make a positive environmental impact using regenerative agriculture. They raise the finest grass fed and free range bison, beef, pork, chicken, and turkey year round. Roam Ranch also hosts public tours several times a year.

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11:00

Dr. Rick Haney

Soil Health in Functioning Range/Pasture Ecosystems

Dr. Rick Haney will discuss the dynamics of a functioning range/pasture ecosystem from a soil health perspective and how to measure the impact of management practices on these ecosystems. He is the creator of the "Haney Test" and will describe the foundation of the test, how you can use it and what its various components mean to your operation.

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Q&A Panel with speakers / Lance Gunderson moderator

Lance Gunderson, co-owner of Regen Ag Lab will moderate a question and answer session with the speakers of the conference. Bring your burning questions, thoughts, and ideas to this great session!

3:00

Closing Remarks

Liz Haney, coordinator of the Regenerative Grazing for Restoration Conference and owner of Soil Regen, will provide and thank you and closing remarks for the conference.

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A PATH TO SOIL HEALTH
AND FOOD INDEPENDENCE

COMMUNITY SCREENING EVENT

www.agsoilregen.com



**Barrow
Brewing**
Salado, TX



**MARCH 10
2020**
6PM-9PM

sterlingpacific

regenerating broken soils to a state of natural health

Sterling Pacific formulates, manufactures and distributes a wide range of cutting edge naturally derived products – from microbial or bacterial inoculants to certain biochemical, biopesticide, herbicide and proprietary nano-technology with the goal of improving crop nutrient uptake, increasing yield, decreasing inputs and enhancing the sustainability of soil.

Our mission is to play the part of disrupter in today's antiquated approach to agronomy and soil health. The manufacturers we call our strategic allies all share what we call the Chaotic Synergy Vision! We have assembled a dream team to fix the broken soil; from Live Earth to Terramera, Aqua-Yield, Biodyne, Earthfort and many others. Please visit our website @ sterlingpacificinc.com to learn more!



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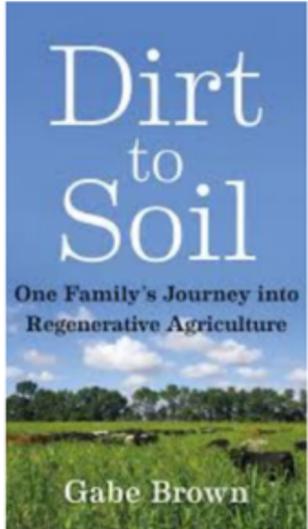
SPEAKERS

February 20, 2020



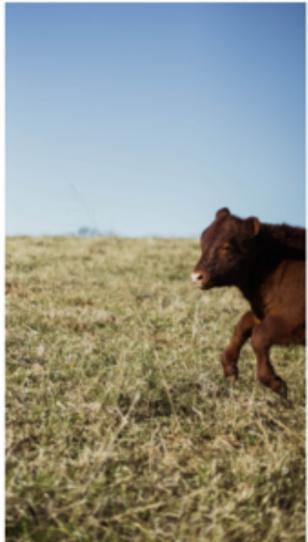
GABE BROWN

"I had been making small changes and praying for big results. I needed to look at our entire operation differently." Gabe Brown, an early pioneer of the regenerative ag resurgence and author of *Dirt to Soil*, transformed a failing conventionally-managed farm to a highly profitable, holistically-managed 5,000-acre cash crop and grass-finished livestock operation. Gabe's story of resilience, ingenuity, and hope reminds us that, "the greatest roadblock to solving a problem is the human mind."



DEBORAH CLARK

Powerhouse rancher, Deborah Clark, and her partner, Emry Birdwell, run a stocker operation of ~7,000 head on a 14,000-acre ranch in north central Texas. Their focus on improving rangeland ecosystem vitality, soil health, and cattle productivity has helped them weather some of the most significant droughts in the state. Deborah was an early-adopter of Holistic Management and her mission is to share the knowledge and resources she's collected.



JONATHAN COBB

Fourth-generation land steward in the Blackland Prairie of central Texas, Jonathan Cobb, with his Kaylyn, ditched urban life to continue their family's farming tradition. They've since converted the farm's row crops to full pasture where they're reestablishing native perennial pastures and grass-finishing cattle and sheep. As business owners, they market their grass-finished meat direct-to-consumer, through buyer brands, and as breeding stock.



DR. RICK HANEY

You can't manage what you don't measure. The Haney Test, created by Dr. Rick and Dr. Liz Haney, reaches beyond conventional indicators of soil health to measure biological activity and the nutrients that are functionally biologically-available. Dr. Haney grew up farming in Custer County, Oklahoma, and earned his PhD in soil microbial ecology and chemistry from Texas A&M University. Dr. Haney is a nationally-recognized research soil scientist based in Temple, Texas.



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DR. DAVID JOHNSON

"With the biology, things change. With the biology, we can capture carbon practically and cost-effectively at at least 10 times the rate that anybody else is seeing in their research. Implementing microbes back into this system is the key." Dr. Johnson's accessible, on-farm composting method produces biologically-alive compost teeming with microorganisms. Inoculate your soil to improve soil health and draw down carbon. Bring your soil back to life.



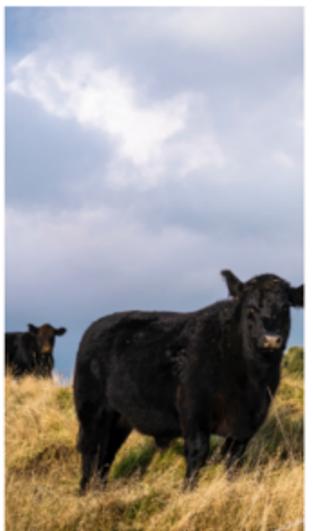
JULIA AND CODY SPENCER

Several years ago, Julia and Cody Spencer migrated south from Canada to head up Ranch Management on @RoamRanch, a multi-species regenerative ranch in Fredericksburg, Texas. Cody's background in herd management and Julia's expertise in local food supply economics inform their application of a regenerative farm-to-table production model. They'll share what they're learning as managers of one of the most exciting first-generation ranches in the country.



DR. RICHARD TEAGUE

Hailing from Zimbabwe, Dr. Richard Teague's research focuses on grazing management systems on semi-arid rangeland. His work promotes rangeland and economic vitality by helping producers understand rangeland requirements and optimize their operations. "We've known for a long time that animals managed properly in permanent pasture grazing increases the soil carbon better than anything."



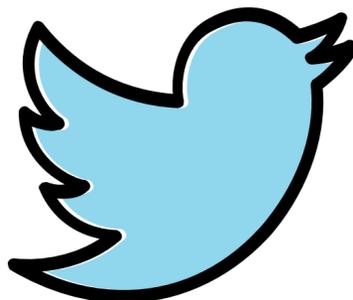
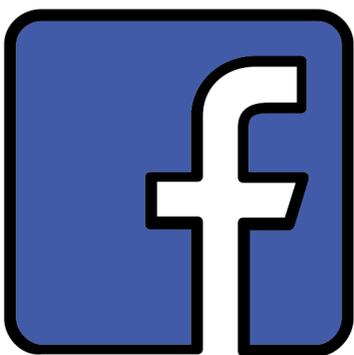
LIZ HANEY, PHD - MODERATOR / ORGANIZER

@SoilRegen's intrepid leader, Dr. Liz Haney, has spent the last 7 years investing in the regenerative ag community. She co-developed The Haney Test with her husband, Rick, and launched Soil Regen, LLC in 2019 to create a platform for catalyzing regenerative practices and learning throughout the state of Texas and beyond. Her vision is to help people achieve profitability and resilience through regeneration, reclamation, and restoration of ecosystems.





2020 Soil Regen Forum Stay Tuned



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