

NDSU

DICKINSON
RESEARCH EXTENSION CENTER

Soil, Crop and Livestock Workshop

Healthy Soils = Healthy Environment and More Profit

Wednesday, September 20, 2017

Dickinson Research Extension Center Ranch • 11092 15th St. SW, Manning, ND
(3 miles west of ND Highway 22 on 15th Street SW)

9:00-9:15 Registration

9:15-10:00 **INTRODUCTION TO SOIL HEALTH PRINCIPLES**
Jon Stika, Author, A Soil Owner's Manual (2016)

10:00-10:45 **CROP ROTATIONS – LIVESTOCK INCORPORATION**
Dr. Dwayne Beck, Dakota Lakes Research Farm

10:45-11:30 **SOIL HEALTH MEASUREMENT DEMONSTRATIONS**
Dr. Joshua Steffan, Dickinson State University
Hal Weiser, NRCS Soil Health Specialist

11:30-12:00 **PRACTICAL CROP DIVERSITY FOR RANCHERS**
Darrell Oswald, Rancher, Burleigh County SCD

12:00-12:30 **BACK TO THE FUTURE: ENHANCING FOOD SECURITY**
Lunch

12:30-12:45 **EFFECT OF SOIL HEALTH ON CROP AND LIVESTOCK PRODUCTION**
Dr. Songul Senturklu, NDSU Short-Term Research Scholar

1:00-2:50 **SOIL HEALTH, LIVESTOCK INCORPORATION, AND YIELD HISTORY WITHOUT FERTILIZER**
DEMONSTRATIONS OF SOIL HEALTH MANAGEMENT CONTINUOUS WHEAT VS. ROTATION
Doug Landblom, DREC Beef Cattle Specialist and Dr. Dwayne Beck

3:00-3:20 **VALUE OF COVER CROPS, ROTATIONS, AND LIVESTOCK**
Derrick Dukart, Rancher

3:35-4:00 **PRESENTER FINAL COMMENTS/QUESTIONS**



Program Support Provided By:

Water Quality Mentorship and Outreach Program
Sustainable Agriculture and Research Education (SARE)

Please RSVP by Sept. 18 for meal count

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