TIP TOEING INTO NO TILL

Dr. Abbey Wick
Associate Professor of Soil Health
North Dakota State University

TIP 1: KNOW WHAT YOU WANT TO DO

Reduce Erosion, Manage Water

Break Compaction

Improved Seedbed

Living Soil
TIP 2: MANAGE RESIDUE

Standing Residue

Stripper Head

Straight Cut
Not a good enough spread

Good, even spread
TIP 3: TREAT IT LIKE A SYSTEM, CONSIDER COVER CROPS

Average Root Structures of Common Cover Crops
Help with Moisture Management – Too Much
+ Reduces Erosion
+ Builds Soil Aggregation
+ Improves Seed Bed
Making a Wet Harvest More Manageable - 2017

Consistently Manageable During Wet Harvest - 2019
Moisture Management – Too Little + Reduces Erosion

+ Increases Organic Matter for Water Holding

No Till Cover Crop

Conventional Tillage
Producing Forage for Livestock
+ Breaks Compaction
+ Adds Diversity

+ Creates Living Soil
TIP 4: USE STRIPS
TIP 5: USE A FRESH SET
OF EYES
TIP 6: JOIN A NETWORK

TIP 7: FIND MORE INFORMATION
MAKING SENSE OF SOIL HEALTH SYSTEMS
MARCH 3 - 4, 2022
CLARION HOTEL AND CONFERENCE CENTER
200 E. BURROUGHS AVE, BISMARCK, ND 58501-1984
REGISTRATION AT NDSU.EDU/SOILHEALTH
ADMISSION COST $50

Successful soil management enhances yields, provides income to farmers, and helps to meet the rising demand for food, fiber, and fuel. This session will provide a platform for understanding the implications of soil health for agricultural systems and how farmers can make informed decisions on soil management. The event includes a variety of speakers who will cover topics such as soil health, sustainable farming practices, and the importance of soil biodiversity for agricultural productivity.

MARCH 3
FARMLAND SHOW AND TELL SOCIAL EVENT
5:00 PM
REGISTRATION, EVENT BEGINS
Talk with others about something you’ve tried, get feedback on something that almost worked or an approach that didn’t work where you learned a valuable lesson.

MARCH 4
SOIL HEALTH PROGRAM
7:30 AM
BREAKFAST & REGISTRATION
8:30 AM
WELCOME
Dr. Abbey Wick, NDSU Extension Soil Health Specialist
8:45 AM
WHAT YOU NEED TO KNOW ABOUT SOIL HEALTH THE BASICS
Lee Willey (DSN), Jason Amundson (RS & Soil Agronomy), Abbey Wick
We will cover getting in the right mindset, the questions you need to ask about logistics prior to doing any practices, considerations for managing the entire system and expected improvements.
10:00 AM
BREAK
10:30 AM
WHAT YOU NEED TO KNOW ABOUT SOIL HEALTH THE BASICS (CONTINUED)
11:30 AM
LUNCH
1:00 PM
WORKING THROUGH OPTIONS
Lee Willey, Steven Preyhart (SPE), Jason Amundson, Abbey Wick
We will walk through examples depending on group input from a certified crop advisor program. Starting with identifying the problems, followed by conditions and logistical and financial considerations of each option. We will then have a discussion on the implementation of the best option. We hope to leave with options for implementing new practices, who knows, we may choose your field as the group example.
4:00 PM
END WORKSHOP

Dr. Abbey Wick
Soil Health Specialist
Associate Professor
NDSU SNRS
PO Box 6050, Dept 7680
Fargo, ND 58108

@NDSUsoilhealth
701-850-6458 (cell)

abbey.wick@ndsu.edu
n dsu.edu/s oilhe alth

NDsoilsense.com
NDfieldcheck.com