

Greetings:

I would like to invite you to attend our SDI Technology Field Day at the KSU Northwest Research-Extension Center to celebrate 30 years of K-State's efforts with this technology for field crops.

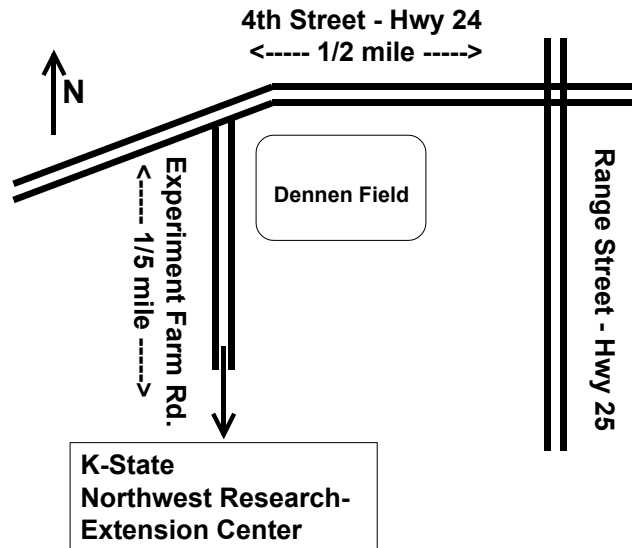
We have learned much these past 30 years and we would like to share our thoughts with you and also hear about your successes and challenges as well. We will focus on strategies to make SDI last, make it pay, optimize crop production and make wiser use of our limited water resource.

In addition to the research and extension presentations, we will feature a panel discussion by SDI producers from the region. A continuously running trade show is also planned.

To better serve your needs, an afternoon field tour is scheduled beginning at 3:00 pm. Everyone should plan to be on hand for the 4:30-7:30 pm slot which will cover the trade show, free evening meal, poster displays and SDI Producers' Panel.

The event is free and open to the public but preregistration is required for meal planning purposes. I hope you will attend.

Sincerely,
Freddie Lamm
Research Irrigation Engineer



Kansas State University is committed to making its services, activities and programs accessible to all participants. If you have special requirements due to a physical, vision, or hearing disability, contact Vicki Brown, 785-462-6281 or Michelle White-Godinet, Assistant Director of Affirmative Action, Kansas State University, (TDD) 785-532-4807.

Kansas State University Agricultural Experiment Station and Cooperative Extension Service

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K-STATE
Research and Extension



**Subsurface Drip Irrigation (SDI)
Technology Field Day**

*30th Diamond Anniversary
of K-State's Efforts
with SDI for Field Crops*

**Kansas State University
NW Research-Extension Center
105 Experiment Farm Road
Colby, Kansas**

**Wednesday,
August 7, 2019
2:30 pm - 7:30 pm**

SDI Technology Field Day

Thirty Years of Progress



Schedule of Festivities

Registration, Refreshments, and Tradeshow 2:30 – 3:00 pm

Field Tour, 3:00 - 4:30 pm

Concurrent Poster Talks and Tradeshow, 4:30 – 6:00 pm

Free Meal, 6:00 - 7:00 pm

SDI Producers' Panel, 7:00 – 7:30 pm

Closing comments, 7:30 pm

Field Tour Stops

Comparison of SDI with Alternative Irrigation Methods

Using Wastewater with SDI

Reducing Water Losses with SDI

Enhanced Water and Nutrient Management with SDI

Research Facilities and SDI Wetting Pattern

Featured Speakers (Tentative)

Jonathan Aguilar, Extension Water Resources Engr., K-State

Steve Evett, Research Soil Physicist, USDA-ARS-CPRL

Paul Colaizzi, Research Irrigation Engr., USDA-ARS-CPRL

Todd Trooien, Water Resources Engr., South Dakota State Univ.

Dan O'Brien, Extension Ag. Economist, K-State

Freddie Lamm, Research Irrigation Engr., K-State

Poster Presentations

What is SDI?

SDI, Pros and Cons

Minimal System Requirements with SDI

Steps to a Successful SDI System

Using Pressure and Flowrate Records to Diagnose SDI System Problems

Water Quality Considerations for SDI

Can We Make It Work and Can We Make It Pay?

Filtration for SDI Systems

Spacing of Driplines for Corn Production

Effect of Emitter Spacing on Corn Production

Installation Depth Considerations for SDI

Slope Considerations for SDI

Chemical Injection Systems for SDI

The Ogallala and the Potential for SDI

SDI with Time Temperature Threshold (TTT)

Application of Biological Effluent with SDI

KSU Bed Management System for SDI

For more information or preregistration, please contact Vicki Brown, KSU Northwest Research Extension Center, 105 Experiment Farm Road, Colby, Kansas 67701

Phone :785-462-6281 Fax :785-462-2315 Email: vbrown@ksu.edu

Register online at <https://www.ksre.k-state.edu/sdi/events/>

*Preregistration required
by July 30
for meal planning*

