

The Regional Sustainable Development Partnerships and Green Winter Gardens

Invite you to a public Deep Winter Greenhouse Field Day:
Cold Spring, Minnesota: Thursday April 4 , 2019 2:00 – 5:00 PM



Workshop: How to grow in a Deep Winter Greenhouse **Presentation: Recent UMN Research Projects**

The U of M Extension Regional Sustainable Development Partnerships have been working with producers throughout Minnesota to conduct research trials in Deep Winter Greenhouses (DWGs) to better understand how farmers can sustainably grow crops in Minnesota winters.

The DWG structure contains a south-facing steeply angled glazing wall specifically designed to capture the maximum amount of solar energy possible. That heat is stored in an underground rock bed in a heavily insulated foundation. At night, that heat dissipates into the ambient air above creating an environment particularly well-suited to grow crops that thrive in low-light and low-heat conditions like brassicas, Asian greens, and lettuces. This Deep Winter Greenhouse enables small- and mid-scale farmers to grow crops for their customers year-round.

At this field day, participants will learn about recent University of Minnesota DWG research projects and get a hands-on lesson on how to grow DWG crops.

Location:

14309 289th Street
Cold Spring, MN 56320

Contacts for more information:

Green Winter Gardens 320-363-4401
Greg Schweser 612-625-9706

Event is free, but registraion needed: https://dwg_field_day_cold_spring.eventbrite.com

Support provided by: USDA North Central Region Sustainable Agriculture Research and Education



REGIONAL SUSTAINABLE DEVELOPMENT PARTNERSHIPS
www.rsdp.umn.edu