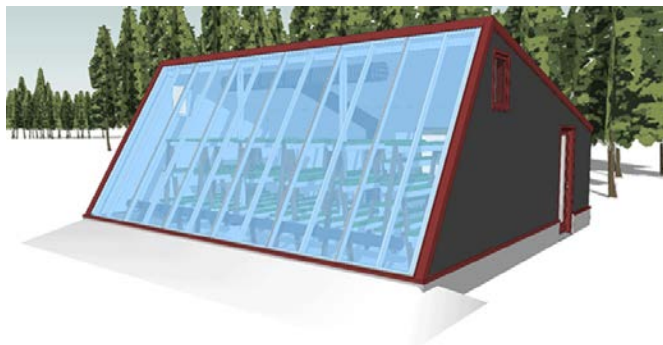


The Northeast Regional Sustainable Development Partnership and the Organic Consumers Association

Invite you to a public OPEN HOUSE: Passive solar Deep Winter Greenhouse
Finland, Minnesota: Saturday February 18, 2017 1:00 – 4:00 PM



Passive solar Deep Winter Greenhouses... from prototype to reality

The U of M Regional Sustainable Development Partnerships have been working with producers and community groups throughout Minnesota to field test a prototype design of a passive solar greenhouse that enables farmers to produce crops all winter long.

This 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. This Deep Winter Greenhouse enables small- and mid-scale farmers the opportunity to grow crops for their customers year round.

The Regional Sustainable Development Partnerships have been working with pioneering Deep Winter Greenhouse producers to better understand their systems, strengthen the design elements through research, and conduct outreach to help others learn how to build and produce in these greenhouses. The result is a publicly available prototype design, future research, and production programming.

Join us for an open house as we cut the ribbon on the first design prototype to be finish construction.

Location:

6771 South Silver Hill Drive,
Finland, Minnesota 55603

1:00 – DWG Presentations

1:30 – Ribbon Cutting and Tour

2:00 – Self guided tours and Q&A

Contacts for more information:

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PLEASE RSVP to schwe233@umn.edu so we can contact you with updates or weather related changes

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