

## Workshop sponsored by:

**NDSU**

EXTENSION SERVICE  
CASS COUNTY

**Todd Weinmann**  
Extension Agent/Horticulture  
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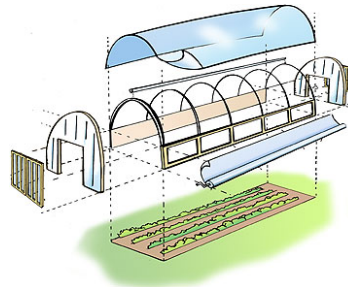
 UNIVERSITY OF MINNESOTA | EXTENSION

**Randy Nelson**  
Extension Educator, University of  
Minnesota Extension, Clay County  
Family Service Center  
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**What is a high tunnel?** High tunnels are a completely separate production technology compared to regular gardening or field production. At its simplest, a high tunnel is a non-permanent structure with no electrical service and no heating. A single layer of greenhouse plastic covers the frame, is left on year-round, and lasts two or three years. Vents are opened and sides rolled up manually. Plants in the tunnel are protected from frost by mulch or row covers.



High Tunnels are becoming very popular in the local food production system as they allow both the commercial grower & home gardener to produce an abundance of early produce and also extend the end of the year growing season. Fruits and vegetables grown in high tunnels are often of very high quality.

High tunnels require a substantial capital investment up front, but sometimes can pay for themselves in the first year and even return a profit, if managed properly.

Although high tunnels are simple in nature they are deep in understanding. This workshop will cover the basics of installing & operating a high tunnel.

# High Tunnel Workshop

for Home Gardeners &  
Commercial Growers

**March 6, 2012**  
**Clay County Family  
Service Center**  
**715 11 Street North**  
**Moorhead, MN**

- Plus Sessions on:**
- Climate Change & Regional Implications in the Northern Plains
  - Raising "Pick Your Own Raspberries"
  - Raised Bed Gardens and Kids
  - Horticulture Trials in Clay County

# High Tunnel Workshop

## for Home Gardeners & Commercial Growers

- 8:30-8:50 Registration/Pretest handed out
- 9:00-9:50 **Climate Change and Regional Implications on the Northern Plains**  
*F. Adnan Akyüz, Ph.D. NDSU Assistant Professor of Climatology & North Dakota State Climatologist*
- 9:50-10:00 **Coffee Break** - Brent Gustafson, NRCS EQIP Program
- 10:00-10:50 **1) Basics of High Tunnel Production**  
*Terrance T. Nennich, U of M Extension Professor, Vegetable and Small Fruit Production*
- 11:00-11:50 **Pick Your Own Raspberries**  
*David M Norman, Hawley, MN*
- Noon-12:30 **Lunch** - Sharon Lean, NRCS EQIP Program
- 12:30-1:20 **2) Irrigation and Fertigation**  
*Terrance T. Nennich, U of M Extension Professor, Vegetable and Small Fruit Production*
- 1:30-2:00 **Raised Beds and Children (Container Garden using tote)**  
*Todd Weinmann, NDSU Extension/Cass County Horticulturist*
- 2:00-2:30 **3) Current and Upcoming Crops for High Tunnels**  
*Terrance T. Nennich, U of M Extension Professor, Vegetable and Small Fruit Production*
- 2:30-2:45 **Break**  
*Sponsors: Cass SCD, Clay SWCD, UMN Ext Clay County, NDSU Ext Cass County*
- 2:45-3:15 **4) Pushing the Profit Pencil with High Tunnels**  
*Terrance T. Nennich, U of M Extension Professor, Vegetable and Small Fruit Production*
- 3:15-4:00 **High Tunnel Q and A**
- 4:00-4:30 **Horticulture Trials in Clay County**  
*Randy Nelson, Extension Educator, University of Minnesota Extension, Clay County*



High Tunnel Workshop Registration Form - Due Thursday, March 1<sup>st</sup>.

Name \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

**\$20.00** Registration includes box lunch. Preregistration by March 1<sup>st</sup> (\$25.00 at the door)

Amount enclosed \$ \_\_\_\_\_

Make check payable: **Cass County Extension**

**Send your preregistration to: Cass County Extension, PO Box 2806, Fargo ND 58108-2806**

*Requests for accommodations related to disability should be made to Todd Weinmann at 701-241-5707 one week prior to class.*