

USDA  
1862-2012  
**150**  
YEARS

AREA  
**4**  
SCD  
Cooperative  
Research Farm

USDA 

[www.mandan.ars.usda.gov](http://www.mandan.ars.usda.gov) 701.667.3000

# Friends & Neighbors Day

**NORTHERN GREAT PLAINS  
RESEARCH LABORATORY**

**100  
YEARS**

## Northern Great Plains Research Lab

1701 10th Avenue SW Mandan

just south of the Heart River Bridge on Highway 6

**1 PM July 19, 2012**

# Celebrating a Century of Service

**Free Evening BBQ**  
*featuring Richard Torrance*

Activities for future scientists (children)  
crafts - ballon clown - face painting  
ice cream - hot dogs - popcorn  
horse-drawn wagon rides

### 1 PM Campus Presentations

North Dakota Agricultural Exhibit

10 medicinal plants of the prairie

Historical tours

It's a bug's life

Severe weather

Cover crop display

GPS and mapping

Tree history and health

North Dakota vegetable research

NDSU Biomass Testing Laboratory

Soil archive: a century of soil change

### 3 PM Research Tours

Corn and soil quality

Biodiversity in pest management

Sunflower genotype-by-environment  
interaction

Integrating livestock & crops to  
reduce feeding costs

Choice beef on less fed grain

Agriculture and climate linkages

Rangeland changes over 97 years