



NDSU Carrington Research Extension Center 54th Annual Field Day • Tuesday, July 16, 2013

NDSU NORTH DAKOTA AGRICULTURAL
EXPERIMENT STATION

REFRESHMENTS, WELCOME, AND AES & EXTENSION HIGHLIGHTS
9:00 A.M. AT THE MAIN OFFICE • DR. KEN GRAFTON, VICE PRESIDENT FOR AGRICULTURAL AFFAIRS, DEAN AND DIRECTOR

MORNING TOUR OPTIONS - 9:30 TO 12:00 (ATTEND ONE)

Livestock Production Review

- Fat Levels in Distillers Grain - North Dakota Angus University
- Enzyme Feedlot Trial
- Forage Levels in Finishing Diets
- Bedding, Protein Levels, and GHG Study
- Drylot vs. Pasture Cow/Calf Production
- Corn Stover and Distillers Grain for Lactating Cows
- Feed Costs for Cows
- Compost Demonstration
- Use of Manure in Crop Fertility
- Livestock Effects on Surface Water Quality
- Sugar Beets for Feed/Beets in Saline Soil
- Update on Bowdon Locker Plant



Organic Research and Education

- Buckwheat Production/Variety Testing
- NDSU Vegetable Research and On-farm Trials
- Cowpea Variety Development for Seed and Cover Crop Use
- Pea Variety Development for Organic Production
- Oat Variety Development
- Specialty Wheat Project
 - ✘ Emmer, einkorn, spelt and heritage wheat

Crop Variety and Production Review

- Barley
- Spring Wheat
- Soybean
- Corn
- Dry Bean
- Energy Beets

Plant breeders and agronomists review crop cultivar performance and the latest factors impacting production of these crops.

Northern Hardy Fruit Review

- Orchard Overview
 - ✘ Walking Tour of 13 Fruit Crops
- Apple Production
 - ✘ Tom Kalb, NDSU Extension Horticulture Specialist

AFTERNOON TOUR OPTIONS - 1:00 TO 3:45 (ATTEND ONE)

Crop Pest and Soils Management

Weed Management

- ✘ Weed control Q&A
- ✘ Glyphosate resistant kochia/resistant weed management
- ✘ Selected research trial highlights

Disease Management

- ✘ Current disease concerns in the state
- ✘ Highlights of broadleaf crop disease research

Soils

- ✘ Remote sensing for N management
- ✘ Nitrogen use efficiency research
- ✘ Influence of tillage systems on crop performance
- ✘ Saline soil management

State and area specialists review season's primary pests and management options



Northern Hardy Fruit Development

Apple Tree Diseases and Management

- ✘ Jared LeBoldus, NDSU Assistant Professor and Extension Plant Pathologist



Noon meal sponsored by the Carrington Research Extension Center