

MORNING SPEAKER



Peter S. Berthelsen
PRESIDENT



10:30 a.m. to Noon

FREE Lunch Buffet at Noon

Sponsored by Peter Berthelsen,
Conservation Blueprint

PRECISION AG CONSERVATION

How the role private land management holds for monarch butterflies
can work with agriculture.

- Overview of the importance of pollinators to agriculture and society.
- Overview of current population trends with pollinator species.
- How conservation can fit into every farm and ranch operation.
- How precision agriculture and conservation work together.
- How pollinator issues pull together significant answers for a wide range of resource concerns: water quality, soil health, Right-of-way management, food sustainability, precision agriculture, wildlife habitat, etc.



March 14th, 2018

Central Community College Hastings
Dawson Building, Fir Room

Register at: www.cccneb.edu/HastAg

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1:00 p.m. - 4:00 p.m.

1. CROP CANOPY SENSOR BASED N MANAGEMENT

Project SENSE represents a three year effort to provide research and extension material regarding the deployment of crop canopy sensors for on-the-go nitrogen management in corn. This session will discuss considerations for adoption such sensors and a summary of studies (with cooperating producers) from the three years.

2. PROFITABILITY MAPPING USING PRECISION AG DATASETS

Geospatial precision agriculture datasets can provide the ability for us to analyze crop productivity at the sub-field level. This discussion will focus on utilizing multiple years of yield monitor data to identify historically unprofitable locations within a field and provide comparisons between alternative management practices versus continuous crop production.

3. ON FARM RESEARCH USING PRECISION AG TECHNOLOGIES

Precision agriculture technologies have enabled producers to more easily conduct on farm research through the use of variable rate application equipment and yield monitors on harvesters. This session will discuss recent tests conducted with cooperating producers through the use of prescription maps and post-harvest analysis to determine marginal net return on variable rate approaches.

AFTERNOON SPEAKERS



Joe Luck

ASSOCIATE PROFESSOR OF BIOLOGICAL
SYSTEMS ENGINEERING, PRECISION
AGRICULTURE ENGINEER



Nathan Mueller

EXTENSION EDUCATOR – CROPPING AND
WATER SYSTEMS, CERTIFIED CROP ADVISER

