

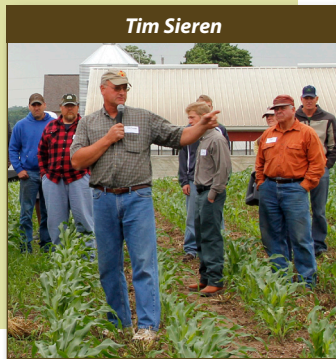


# 2014 Cooperators' Program

Learn about this longstanding Practical Farmers program, and the research projects conducted during the 2014 season.

## FIELD CROP PROJECTS

- "Planting Green": Corn Planted into Standing Rye
- Boron Fertilizer Effect on Soybean Yields
- Cereal Rye Cover Crop Seeding Date into Seed Corn
- Conventional vs. Dwarf Soybean Varieties
- Corn Hybrid Yield Trial
- Cover Crop Following Early-Maturing Corn
- Cover Crop Following Early-Maturing Soybeans
- Cover Crop Mix Effect On Corn Yield Following a Prevent Plant Year
- Cover Crop Variety Trial
- Diverse Cover Crops with Cereal Rye Grain Production
- Side-Dressing Corn Following a Winter Rye Cover Crop – Update 2014
- Side-Dressing Corn Following a Winter Rye Cover Crop – Update 2015
- Manure Additives Comparison in Corn Production
- Multiple Cover Crop Mixes at Multiple Seeding Times into Corn and Soybean
- Nitrogen Side-Dress Rate Effect on High-Lysine Corn
- Are Neonicotinoid Seed Treatments in Soybean Production Worth It?
- Soybeans Planted into Standing Rye
- Extended Rotation Economics



Tim Sieren

## ENERGY PROJECTS

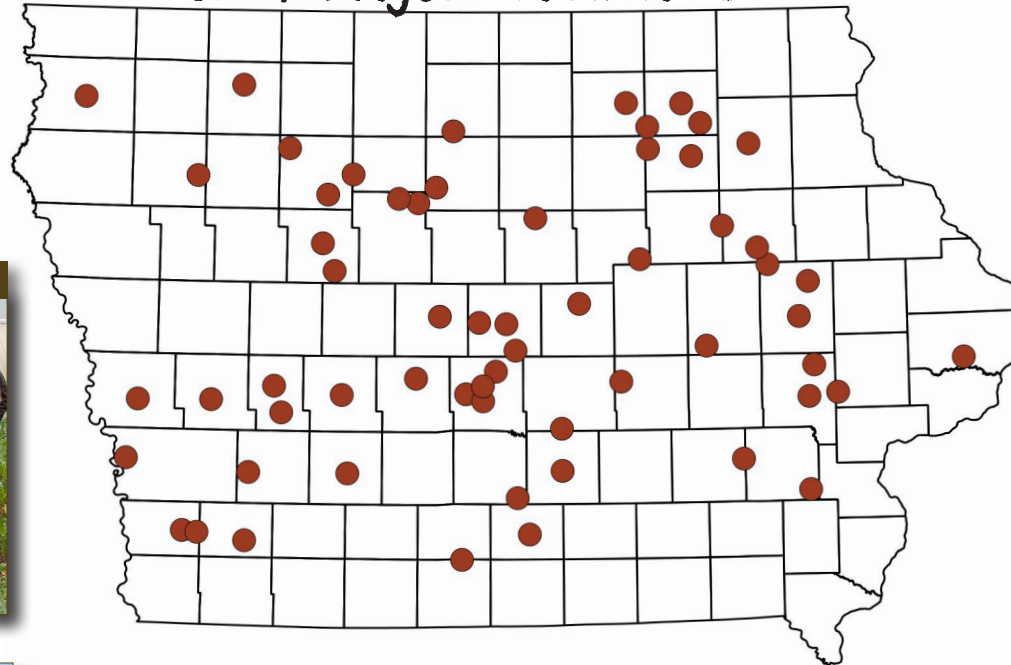
- Farmhouse and Building Energy Audit and Weatherization on Five Farms
- Canola for On-Farm Biodiesel



Martha McFarland

Since 1987 when the Cooperators' Program began, **more than 246 different** farmers have conducted **more than 1,120 research trials** on their farms. Results from this research are shared through research reports, the Practical Farmers quarterly newsletter, in various agriculture magazines, at field days and workshops, at our annual conference and at our annual cooperators' meeting. Knowledge from these research projects has influenced both farmers and university researchers to tweak their designs to better fit farmers' needs – and even been the foundation for ground-truthing hypotheses that ultimately led to university research projects.

## 2014 Project Locations



# of Farmer-Cooperators Participating **65**

PROJECTS IN 2014 that Concluded or are On-Going **42**

## HORTICULTURE PROJECTS

- Baseline Bee Data Collection at Two Farms
- Building Walk-In Coolers on Three Farms
- Drift Catchers: Monitoring the Air in Iowa for Pesticides
- Effect of Compost Extract on Soil Microbes and Carrot Yield
- Energy Use, Labor and Cost of Starting Seedlings
- Fruit and Vegetable Production Data Collection
- Mulch Type Effect on Watermelon and Sweet Potato Production
- Quick Turnaround Summer Cover Crop Evaluation
- Whole Farm Financial Analysis for Fruit and Vegetable Farms
- Winter Greens Production: Sales, Revenue and Energy Costs
- Winter Rye Cover Crop Effect on Summer Squash
- Worm Casting Application Methods & Impact on Cabbage Yield

Rick Hartmann



## LIVESTOCK PROJECTS

Tammy Faux



- Debearded Grains in Organic Diets
- Alternative Swine Diets 2014
- Tightening Down Feeders
- Apple Cider Vinegar Supplementation 2014
- Goat Grazing for Reduced Parasite Loads
- Once- vs. Twice-Daily Milking
- Poultry Monitoring 2014



Duck Breed Trial

- Duck Breed Comparison
- Fly Monitoring on Grazing Cattle 2014
- Pasture Monitoring at Bobolink Prairie Farm – 2014
- Pasture Monitoring at Frog Hollow Farm – 2014
- Pasture Improvement at Troublesome Creek Cattle Co. – 2014
- Pasture Renovation at Carney Family Farm – 2014
- Winter Feed Monitoring 2013 and 2014
- Grazing Cover Crops to Reduce Stored Feed
- Grazing Cover Crops for Pasture Rest