

2008

Project List

Ag Engineering/Agronomy and Central Iowa Research Farms

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Project List

Disciplines

Agricultural Science | Agriculture | Agronomy and Crop Sciences | Bioresource and Agricultural Engineering

Project List

<u>Project-Agronomy Farm, Mobile Unit</u>	<u>Farm Location</u>	<u>Project Leader</u>
Genetics corn nursery	Curtiss	P. Becraft
Soybean breeding	Curtiss	S. Cianzio
Soybean growout	Curtiss	Iowa Crop Improvement
Genetics corn nursery	Curtiss	M. James
Urea stability study	Curtiss	R. Killorn
Genetics corn nursery	Curtiss	C. Lawrence
Weed seed production	Curtiss	M. Liebman
Soybean disease study	Curtiss	X.B. Yang
Bean pod mottle virus study	Curtiss	F. Nutter
Corn and soybean herbicide research	Curtiss	M. Owen
Soybean aphid study	Curtiss	M. O'Neal
Soybean production	Curtiss	P. Pedersen
Genetics corn nursery	Curtiss	T. Peterson
Genetics corn nursery	Curtiss	Plant Trans. Facility
Iowa corn yield test	Curtiss	J. Rouse
Genetics corn nursery	Curtiss	P. Schnable
Genetics corn nursery	Curtiss	E. Vollbrecht
Soybean rust sentinel plot	Curtiss	X.B. Yang
Soybean breeding	Hinds	S. Cianzio
Rice evaluation	Hinds	S. Howell
Soybean aphid study	Hinds	M. O'Neal
Corn isolation plot	Hinds	T. Peterson
Corn breeding nursery	Hinds	L. Pollak
Corn diseases studies	Hinds	A. Robertson
Alfalfa and forages studies	Hinds	M. Smith
Soybean SCN study	Hinds	G. Tylka
Soybean production	Hinds	M. Westgate
Soybean diseases	Hinds	X.B. Yang
Corn growout	Johnson	Iowa Crop Improvement
Foliar disease studies	Johnson	F. Nutter
Soybean aphid studies	Johnson	M. O'Neal
Weed research	Johnson	M. Owen
Bean leaf beetle studies	Johnson	M. Rice
Rootworm and seed corn maggot study	Johnson	J. Tollefson
Forages/biomass research	Sorenson	K. Moore
Corn fertility study	Sorenson	J. Sawyer
Flax research	Sorenson	M. Wiedenhoef
Weed research	West Curtiss	R. Hartzler
Soil fertility	West Curtiss	R. Killorn
Weed research	West Curtiss	M. Owen
Transgenic corn isolation nursery	Woodruff	P. Becraft
Transgenic corn isolation nursery	Woodruff	M. James

Project List (continued)

Project-Agronomy Farm, Mobile Unit

Transgenic corn isolation nursery
 Corn isolation plot
 Corn isolation plot
 Transgenic corn isolation nursery
 Transgenic corn isolation nursery
 Cyst nematode control studies
 Corn isolation plots
 Corn isolation plot
 Corn isolation plot
 Corn isolation plot
 Corn isolation plot
 Corn isolation plot
 Corn isolation plot
 Corn isolation plot
 Corn isolation plot
 Corn isolation plot
 Corn isolation plot
 Corn isolation plot
 Corn isolation plot
 Corn isolation plot

Farm Location

Woodruff
 Woodruff
 Woodruff
 Woodruff
 Woodruff
 Woodruff
 AnS Teaching
 Applied Science
 Beach Bottom
 Beef Nutrition
 Old Dairy
 Old Dairy
 Packer
 Packer
 Research Park
 Vet Med
 Vet Med

Project Leader

T. Peterson
 T. Peterson
 P. Schnable
 P. Schnable
 P. Scott
 G. Tylka
 K. Lamkey
 L. Pollak
 M. Blanco
 K. Lamkey
 P. Schnable
 E. Vollbrecht
 T. Peterson
 P. Schnable
 M. Blanco
 K. Lamkey
 T. Peterson

Project-Agronomy Farm

Corn breeding
 Corn breeding
 Corn breeding
 Corn breeding
 Corn breeding
 Soybean breeding
 Small grains breeding
 Forage breeding
 Soybean management
 Sustainable ag project
 Sustainable biomass crop production
 Long-term tillage study
 Long-term continuous corn tillage study
 Soil fertility
 Organic crops
 Nitrogen trials
 Manure/compost N residue trials
 Soybean and corn emergence trials
 Soybean cyst nematode trials
 Soybean breeding
 Corn physiology
 ISU corn management
 Biomass research corn management
 Soybean iron chlorosis plots

Department

Agronomy
 Agronomy
 Agronomy
 Agronomy
 Agronomy
 Agronomy
 Agronomy
 Agronomy
 Agronomy
 Agronomy
 Agronomy
 Agronomy
 Agronomy
 Agronomy
 Agronomy
 Agronomy
 Agronomy
 Seed Science
 Plant Pathology
 USDA
 Agronomy
 Agronomy
 Ag/Biosystems Engr.
 ICIA

Project Leader

K. Lamkey
 L. Pollak
 M. Lee
 J. Edwards
 P. Scott
 W. Fehr
 R. Skrdla/G. Patrick
 M. Smith
 P. Pedersen
 M. Liebman
 M. Liebman
 M. Al-Kaisi
 M. Al-Kaisi
 A. Mallarino
 L. Pollak/R. Skrdla
 J. Sawyer
 J. Sawyer
 S. Goggi
 G. Tylka/S. Cianzio
 R. Palmer
 M. Westgate
 R. Elmore
 S. Birrell
 J. Rouse

Project List (continued)

Project-Agronomy Farm

Maize genetics breeding
Weed seed emergence experiment
No-till biomass cropping systems research
Alternative biomass cropping research

Department

Agronomy
Agronomy
Ag Engr/Agronomy
Ag Engr/Agronomy

Project Leader

T. Peterson
M. Liebman
M. Liebman/M. Helmers
K. Moore/M. Helmers

Projects-Central Iowa

Rodent survey
Riparian grazing
Pharmacorn
Remote sensing
Herbicide evaluation
Wire worm study
Roundup Ready bluegrass/turfgrass breeding
Poplar trials/forestry breeding
Grass filter study
Rootworm and nitrogen interaction
Corn growth
Corn yield trial
Corn borer moth trapping
SCN resistant soybean breeding
IDC soybean screening
Tile water study, nitrogen stabilizer study
Sclerotia study

Farm Location

Worle/Kitchen
Rhodes
Rhodes
Been
Kelley
Rhodes
Bennett
Moore Bottom
Rhodes
Dairy
Bennett
Bennett
Dairy
S. Woodruff
S. Woodruff
Kelley
Kelley

Project Leader

B. Danielson
J. Russell
K. Wang
B. Hornbuckle
Dow Agrosiences
P. Weber
S. Fei
R. Hall
J. Raich
D. Barker
R. Elmore
J. Edwards
R. Ritland
G. Gebhart/G. Tylka
G. Gebhart/G. Tylka
R. Hartwig
M. Gleason

Projects on site, Ag Engineering

Till hydrology
Bio composting
Manure/water quality
USDA/plant physiology
Weed science/Roundup resistance
Random tillages
Wetlands/water quality
Biomass harvesting
Soil nutrient/biomass harvest
USDA projects
Teaching
COBS project-Reynoldson Farm
Ag drainage well

Project Leader

R. Kanwar
T. Glanville
M. Helmers/R. Kanwar
T. Kasper
M. Owen
M. Hanna
M. Helmers/R. Kanwar
S. Birrell/John Deere
S. Birrell/D. Karlin/USDA
M. Burkart
R. Kanwar
M. Helmers/M. Thompson/M. Liebman
M. Helmers