

2001

# Wallace Foundation for Rural Research and Development

Armstrong and Neely-Kinyon Research and Demonstration Farms

Follow this and additional works at: [http://lib.dr.iastate.edu/farms\\_reports](http://lib.dr.iastate.edu/farms_reports)



Part of the [Agricultural Science Commons](#), and the [Agriculture Commons](#)

---

## Recommended Citation

Armstrong and Neely-Kinyon Research and Demonstration Farms, "Wallace Foundation for Rural Research and Development" (2001). *Iowa State Research Farm Progress Reports*. 1698.  
[http://lib.dr.iastate.edu/farms\\_reports/1698](http://lib.dr.iastate.edu/farms_reports/1698)

This report is brought to you for free and open access by Iowa State University Digital Repository. It has been accepted for inclusion in Iowa State Research Farm Progress Reports by an authorized administrator of Iowa State University Digital Repository. For more information, please contact [digirep@iastate.edu](mailto:digirep@iastate.edu).

---

# Wallace Foundation for Rural Research and Development

## **Disciplines**

Agricultural Science | Agriculture

# Wallace Foundation for Rural Research and Development

President ..... Rod Backhaus, Westside, Crawford Co.  
 First Vice President ..... Dan Morgan, Corning, Adams Co.  
 Treasurer ..... Paul Gude, Atlantic, Cass Co.\*  
 Vice-President, Southwest ..... Mark Bently, Minden, Pottawattamie Co.\*  
 Vice-President, Southeast ..... Clark BreDahl, Greenfield, Adair Co.\*  
 Vice-President, North..... Steve Hansen, Audubon, Audubon Co.

## Directors

Karen Varley, Stuart..... Adams County\*  
 Norvell Houck, Corning..... Adams County\*  
 David Wiese, Manning..... Carroll County\*  
 Russell Stribe, Manning..... Carroll County\*  
 Gary Pellett, Atlantic..... Cass County  
 Corby Fichter, Randolph..... Fremont County\*  
 Lynn Benson, Sidney ..... Fremont County\*  
 Rex Wilhelm, Stuart..... Guthrie County\*  
 Dana Hansen, Adair ..... Guthrie County\*  
 Hank Stuchel, Winterset..... Madison County\*  
 John LaFratte, Winterset..... Madison County\*  
 Helen Pollock, Malvern ..... Mills County  
 Dale Spencer, Villisca..... Montgomery County\*  
 Paul Olson, Villisca..... Montgomery County\*  
 Lloyd Muller, Clarinda..... Page County\*  
 Dave Williams, Villisca ..... Page County\*  
 Russ Brandes, Hancock..... Pottawattamie County\*  
 Kim Greenland, Mt. Ayr ..... Ringgold County\*  
 Ken Smith, Blockton..... Ringgold County\*  
 Cy Monson, Irwin..... Shelby County\*  
 Dave Gude, Harlan..... Harlan County\*  
 Jim Hanson, New Market..... Taylor County\*  
 Kevin Barker, Lenox ..... Union County

Secretary ..... Carroll Olsen  
 Liaisons..... Bob Ramsey, Mark Honeyman, Guy Powell  
 \*Co-directors

## Community College Representatives

Ron Ernst, Sioux City ..... Western Iowa Technical College  
 James E. Knott, Carroll ..... Des Moines Area Community College  
 Randy Groff, Lamoni ..... Southwestern Community College  
 Dennis Eitmann, Council Bluffs..... Iowa Western Community College

## Staff

Farm Superintendent, Bernie Havlovic	Livestock Specialist, Don Hummell
Operations Specialist, Bob Burcham	Field Lab Technician, Brian Buzzell
Livestock Specialist, Dennis Kent	Field Lab Technician, Randy Breach
Livestock Specialist, Dallas Maxwell	Farms Coordinator, Mark Honeyman
	Farms Manager, Dennis Shannon

## Information on Experiments in Previous Annual Progress Reports

Cattle Treading Effects on Soil Quality, Crop Productivity, and Pasture Health .....	ISRF99-12
Weed Emergence Validation Study.....	ISRF99-12
Reproductive Performance of Young Sows from Various Gestation Housing Systems ..	ISRF99-12
Thermal Stress Levels of Sows in Various Gestation Housing Systems.....	ISRF99-12
Stand Reduction Effects on Corn Grown at High Population Densities in Iowa.....	ISRF98-12
The Value of Legume Forage Species for Stockpiled Forage Grazing by Calves.....	ISRF98-12
Performance of a Swedish Deep-Bedded Feeder Pig Production System in Iowa .....	ISRF98-12
Intensive Rotational Grazing of Steers on Highly Erodible Land at the Adams County CRP Project, 1998.....	ISRF98-12
Fescue Toxicity Evaluation of Three Grazing Systems, Adams County CRP Farm .....	ISRF98-12
Forage Evaluation in the South Grazing Systems, Adams County CRP Farm.....	ISRF98-12
Specialty Versus Commercial Soybeans .....	ISRF97-12
Global Positioning System Demonstration .....	ISRF97-12
Row Spacing, Plant Density, and Hybrid Effects on Corn Production in Iowa.....	ISRF97-12
Planting Date and Variety Effects on No-till Soybean Yield .....	ISRF97-12
Liming Acid Soil to Improve Nutrient Use from Liquid Swine Manure .....	ISRF97-12
Swedish Feeder Pig Project Production Update.....	ISRF96-12
Adjusting Planting Dates to Manage Interactions between Transgenic Bt Corn and NonBt Corn with Emphasis on the European Corn Borer and Biological Control Organisms.....	ISRF96-12
Strip Intercropping and Livestock Production Consolidation.....	ISRF96-12
Tree Biomass Productivity Project: Annual Update.....	ISRF96-12
Nontraditional Corn Planting Time Inputs.....	ISRF95-12
No-till Soybean Management Studies .....	ISRF95-12
Woolly Cupgrass Management in Corn.....	ISRF95-12
Raising Replacement Dairy Heifers on Pasture .....	ISRF95-12
Influence of Soybean Row Spacing on Weed Management.....	ISRF94-12
Nitrogen Fertilization of Soybeans.....	ISRF94-12
Liquid Urea-Ammonium Nitrate (UAN) Fertilization in No-till Corn .....	ISRF94-12
Enhancing Ammonium Nitrogen Uptake by Corn.....	ISRF94-12
Water Quality Research in a Small Watershed at the Deep Loess Research Station, Treynor, Iowa .....	ISRF94-12
Forage Based Beef Production Research.....	ISRF94-12

Preparation of this report was coordinated by Bernard Havlovic of the Armstrong Research and Demonstration Farm, Lewis, IA. Questions or requests for additional information should be directed to the contributing authors.

NOTE: This is a progress report and, therefore, is not necessarily conclusive. Further data may result in conclusions somewhat different from those reported here.