



The Ohio Agricultural Research and Development Center
The Ohio State University

## History







- Established in 1998 in response to stakeholder request
- 40 acres of conventional research land originally allocated to program
- \$50,000/yr for five years seed money
- Involved research faculty, farmers, and non-profits

### Participating Stakeholders

John Hirzel

Rex Spray

Harv Roehling

Louise Warner

Harold Hartzler

Jeff Dean

Jeff Dickinson

Charles Eselgroth

Doug Daniels

Dean McIlvaine

Steve Elliot

Ed Snavely

David Kline

**Steve Sears** 

Laura Bergmann

Perry Clutts

Noreen Warnock

Matt Peart



### Early Participating Scientists

Agricultural Technical Institute Athanasios Alexandrou, David Munn Dept. Of Agriculture, Environmental and Development Economics Marvin Batte, Neal Hooker

**Dept. Of Entomology** Parwinder Grewal, Ron Hammond, Casey Hoy, Hans Klompen, Joe Kovach, Ben Stinner, Deborah Stinner

Dept. of Food, Agricultural and Biological Engineering Fred Michel Dept. of Horticulture and Crop Science Mark Bennett, John Cardina, Doug Doohan, Matt Kleinhenz, Phil Rzewnicki, Peter Thomison Dept. of Human and Community Resource Development Richard

**Dept. of Human and Community Resource Development** Richard Moore

**Dept. of Plant Pathology** Mike Ellis, Brian McSpadden Gardener, Sally Miller

School of Natural Resources Serita Fry, Charles Goebel



#### OSU's Organic Food and Farming Education and Research Program (OFFER)

"Providing scientific support for organic agriculture in Ohio"



(spelt, high oil oats, hard wheat)

No-Till Organic

Watershed Research

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Bio-rational microbial control

Tomato Grafting

Weed management in Transition



# State of the States 2nd Edition Organic Farming Research Foundation

"The Ohio State Organic Food and Farming Education and Research (OFFER) program remains one of the most ambitious organic research programs in the country. Managed by an interdisciplinary team of Ohio State researchers working with local organic farmers, OFFER has outreach, research and education components. Most of the field research is being conducted on certified or transitional fields at research farms at the Ohio Agriculture Research and Development Center in Wooster." p. 88



2001-2003

## Program\_Highlights\_in\_2010

- 100 acres of certified organic research land on 5 research farms at two locations in Ohio
- Partial OARDC support for organic farm manager and program assistant
- Research/extension faculty, farmers, consumers, processors, retailers, non-profits
  - 16 Pl's; 26 Co-Pl's
  - 17 Departments/units
  - 30 Actively involved stakeholders since program began
- \$9,851,091 leveraged in competitive grants





# Competitive Grants Leveraged as of 2010

IFAFS \$1,800,000 NC IPM \$69,978 **NSF** Biocomplexity \$99,990 OARDC New Enterprise (2) \$85,000 NRI ME \$319,000 **OARDC Industry** SARE (4) \$619,383 Small (3) \$34,000 OFRF (4) \$59,334 **OARDC** Equipment \$90,890 CERES (1) \$178,413 CSREES ORG/IOP (4) \$2,393,602 Misc \$43,975 NIFA OREI (2) \$3,398,575 CSREES IOWP (1) \$659,551

#### Future Vision

- Expand food quality studies in particular, analyses of relationships between soil and food quality- field to table
- Work with nutrition, medical and veterinary researchers to integrate production research with human and livestock health
- Organic livestock research and education
- Environmental impacts of organic farming, including carbon sequestration, water quality and biodiversity, and economic costs and benefits to individual farms and communities.

Local food systems





