



## WATERMAN AGRICULTURAL AND NATURAL RESOURCES LABORATORY

Waterman is located less than a mile from Ohio State's Columbus campus. A 261-acre working farm and living laboratory, Waterman:

- encompasses a dairy farm with a 100-cow milking herd, 90 acres of research plots and demonstration gardens, a woodlot, and turfgrass research plots.
- features teaching, research, and outreach opportunities in agricultural systems management, apiculture, crop science, ecological engineering, entomology, floriculture, food sciences, forestry, horticultural and agronomic production, sustainable agriculture, and wetlands.
- is the future site of the Franklin County office of Ohio State University Extension, a new greenhouse, and a new multispecies animal facility.



## HISTORY OF WATERMAN

Waterman Agricultural and Natural Resources Laboratory was originally owned by Joseph Waterman, a prominent pioneer and agricultural figure in Franklin County, Ohio. Joseph's widow, Anna, titled the property to Ohio State in 1923. At that time, the land held several barns, a corn crib, and the original Waterman home, which was located in the area currently occupied by the Rothenbuhler Honey Bee Research Laboratory. Since that original transfer, four smaller parcels have been added to the site.

### Contact Information

Glenn Mills  
Field Operations Manager  
614-292-7234  
mills.168@osu.edu

Ethan Smrtnik  
Assistant Manager  
614-292-7234  
smrtnik.1@osu.edu.



## THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,  
AND ENVIRONMENTAL SCIENCES

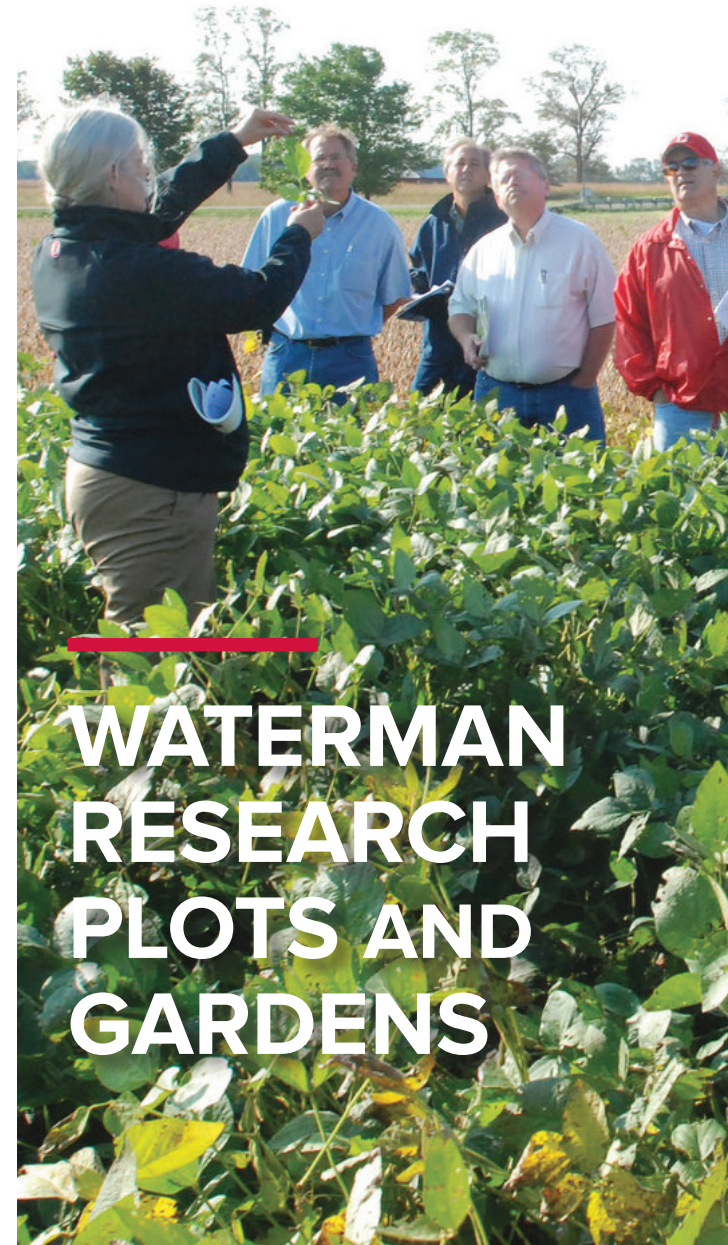
OHIO STATE UNIVERSITY EXTENSION  
[extension.osu.edu](http://extension.osu.edu)

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER  
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# WATERMAN RESEARCH PLOTS AND GARDENS

## WATERMAN RESEARCH PLOTS AND GARDENS

Waterman encompasses 90 acres of research plots and gardens, including the Waterman headquarters (which houses the Wittmeyer Conference Room); a soybean lab to support genetic research; crop-drying areas; a mechanic shop; equipment storage barns with walk-in coolers; a demonstration and education site for agricultural best management practices; the Rothenbuhler Honey Bee Research Laboratory; and the School of Environment and Natural Resources' woodlot.



## EDUCATION

Students at The Ohio State University have access to Waterman's research plots, gardens, and animals through opportunities in classes, research, and employment. In addition, several different Ohio State colleges teach more than 15 courses at Waterman.

## RESEARCH

Research at Waterman's plots and gardens involves many Ohio State entities and industry partners, and encompasses projects such as:

- impacts of flooding on corn, evaluating yield and nitrogen recovery.
- soybean breeding to resist diseases and improve yield.
- studies on insect pests such as codling moth in apples; brown marmorated stink bug in vegetable, fruit, and grain crops; spotted wing drosophila in berry crops; and corn earworm.

## OUTREACH

Waterman's research plots and gardens are used by many diverse groups such as:

- elementary schools, youth groups, senior citizens, and industry professionals for educational tours.
- Franklin County Master Gardener Volunteers for vegetable and flower research.
- the Ohio Division of the Natural Resources Conservation Service for training new employees.
- Ohio State entomologists for forensic studies.
- Ohio State ROTC for training exercises.



Scouting for pests in apple research.



Families experiencing agriculture firsthand at Waterman's annual Fall Festival.



Garden of Hope participants harvesting fresh vegetables and learning about healthy cooking and eating.

## SPECIAL GARDENS AT WATERMAN

- The Garden of Hope is a 2-acre urban farm where cancer survivors learn to tie wholesome nutrition directly to their health. The garden provides fresh produce rich in cancer-fighting properties.
- Master Gardener Volunteers use their vegetable trial research plots to evaluate vegetables that extend the diversity of backyard-grown and local foods.
- The Office of Student Life University Dining Services tends 2 acres of vegetables for consumption by Ohio State students.
- Waterman's student-run farm is a living, learning laboratory for sustainable agriculture.
- The Ohio Beef Council uses its vegetable research garden to study the health benefits of eating the proper portion of red meats with vegetables.
- With the help of the President's Prize, the UNITY Fridge program has created a Waterman garden that grows produce to combat food insecurity in Columbus, Ohio.