4-H Youth Development

We prepare young people for life and learning.

Compared with their peers, 4-H members are:

- Four times more likely to contribute to their communities, and two times more likely to be active in civic life.
- Two times more likely to make healthy choices.
- Two times more likely to participate in non-school-sponsored science, computer technology and engineering programs.

ohio4h.org
Energy for the Future

We develop new energy sources and help Ohioans make wise energy choices.

- OSU Extension is helping communities manage the rapid impacts of the shale energy boom, working with partner agencies to draft plans for sustainable development in eastern Ohio counties.

- OARDC researchers are testing bioenergy crops that grow in poor soils and yield lots of biomass, which can then be converted to biogas and transportation fuels.

energizeohio.osu.edu

The Ohio State University
College of Food, Agricultural, and Environmental Sciences

Ohio State University Extension
Ohio Agricultural Research and Development Center

u.osu.edu/cfaesimpact
Safe, Clean Water

We conduct innovative research to improve Ohio’s water quality.

- OSU Extension specialists are currently developing and will provide the fertilizer certification training required by Ohio’s new nutrient management law, Senate Bill 150. This is just one of the many efforts to reduce harmful algal blooms.

- OARDC scientists are studying the impacts of dam removals, including improved water flow, which eliminates toxins and improves water quality.

u.osu.edu/fieldtofaucet

The Ohio State University
College of Food, Agricultural, and Environmental Sciences
u.osu.edu/cfaesimpact
Urban Renewal

We help urban communities thrive and boost economic opportunities.

- OSU Extension provides urban farmers technical support and marketing tips to help them create new businesses and improve access to fresh produce.

- Cleveland has 3,600 acres of vacant land. OARDC is researching various landscape treatments to help the city turn empty lots into sustainable community development assets.

localfoods.osu.edu
A Safe Food Supply

We help Ohio growers keep food safe and protect their operations.

- PED virus has killed more than 7 million pigs in the U.S. OSU Extension has educated producers to help them minimize the disease’s impact, and OARDC is developing vaccines for long-term management.

- Specialists are developing cold-resistant grape varieties and are helping Ohio’s $786 million wine-grape industry recover from the brutal effects of the 2013–2014 polar vortex.

  go.osu.edu/nkx
Partnering for Success

We train crop consultants to maximize our educational outreach.

- OSU Extension works year-round to continually educate, for free or at a nominal charge, 540 Certified Crop Advisers (CCAs) across Ohio.
- As a result, each CCA consults on an average of 40,000 to 50,000 acres of Ohio farmland, generating an economic impact on farms that can be easily $100 per acre.

corn.osu.edu
Safety on the Farm

We help keep Ohio’s farmers safe so they can grow our economy.

- In the past 10 years, 14 Ohio farmers have died in grain bin-related accidents.
- Our college has designed Ohio’s first grain rescue simulator trailer, which is used to educate first responders, grain industry employees and farm families about the hazards of flowing grain.
- OSU Extension’s grain bin outreach program has reached some 12,000 participants.

agsafety.osu.edu
Healthy Bees, Healthy Food Production

We conduct research to ensure bee health and agricultural productivity.

- Bees are crucial to food security. They pollinate about one-third of the crops we eat, valued at more than $14 billion annually in the U.S.

- Ohio beekeepers have recently lost 50%–80% of their honeybees due to diseases, agricultural chemicals and other causes.

- OARDC scientists are developing strategies to protect bees while keeping crop production profitable.

u.osu.edu/beelab

The Ohio State University
College of Food, Agricultural, and Environmental Sciences
Ohio State University Extension

We help build better lives, better businesses and better communities.

- OSU Extension focuses on Strengthening Families and Communities, Preparing Youth for Success, Enhancing Agriculture and the Environment, and Advancing Employment and Income Opportunities.
- OSU Extension makes more than 1.5 million educational contacts each year.
- OSU Extension reaches more than 240,000 youth through 4-H programming.
- OSU Extension is present in every Ohio county.

extension.osu.edu