



Applying knowledge to improve water quality

National Water Program

A Partnership of USDA CSREES & Land Grant Colleges and Universities

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Youth Livestock Environmental Assurance

GREAT LAKES REGION



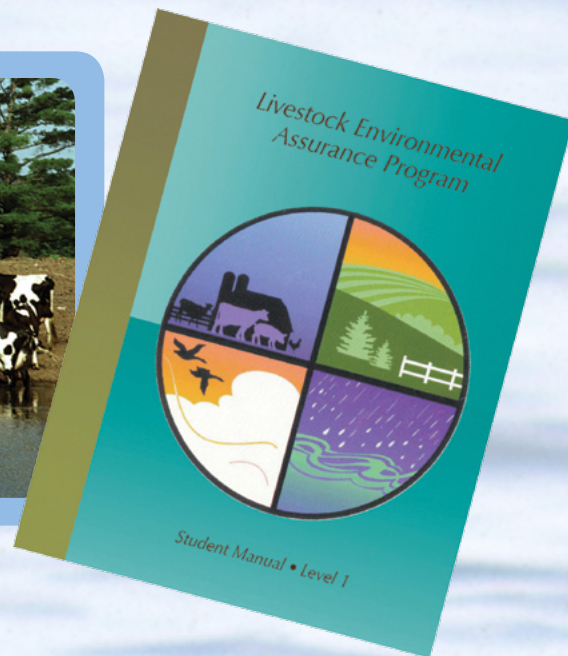
National Themes:

Animal Waste Management, Pollution Assessment and Prevention

Project Description

Agriculture teachers need up-to-date tools and information to meet the needs of their students. This youth-oriented instructor education program and youth-oriented environmental assurance program is designed to ensure that future generations of agriculture-based managers will incorporate environmental best management practices into their daily operations.

The purpose of this initiative is to develop and coordinate a multidisciplinary statewide Youth Livestock Environmental Assurance Program (Youth-LEAP) that capitalizes on the strengths within Ohio. There exists a strong working relationship between Ohio Livestock Coalition, Ohio State University Extension, state and federal government and various groups and organizations utilized in the development of the Ohio Livestock Environmental Assurance Program (LEAP). Youth-LEAP further incorporates and expands the expertise within the College of Food, Agricultural, and Environmental Sciences at The Ohio State University to expand the target audience of this program. The Ohio State University is poised to make an innovative move into Ohio's high-school agriculture education programs and establish a center of excellence in the area of youth livestock environmental education that integrates agriculture, food systems, and public health.



PROJECT CONTACTS

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PROJECT PARTNERS

The Ohio Livestock Coalition (OLC)

Ohio Department of Natural Resources (ODNR)

Ohio Federation of Soil & Water Conservation Districts (SWCDs)

United States Department of Agriculture (USDA)

Natural Resources Conservation Service (NRCS)

Ohio EPA

The Ohio State University Extension (OSUE)

For more information about the Great Lakes Regional Water Program, please contact:

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Actions

The project has created an education package on livestock environmental assurance specifically designed for high school students. The information in the manual is based on research on environmental assessment and pollution controls. The initial draft was created by research and outreach professionals and for agriculture education faculty helped guide development of the packet to meet the needs of teachers of vocational agriculture and high school biology classes. Secondary school teachers helped edit the packet and provided valuable advice on how to distribute the module in the coming months.

Outcomes/Impacts

Teachers in Ohio are using the curriculum to meet designated benchmark requirements set by The Ohio Department of Education. These benchmark numbers are listed in the manual along with which chapters meet a particular benchmark.

To date, this project has produced:

- A hard copy of the LEAP manual (spiral with color pictures)
- A teacher CD version (Manual + Questions from Chapters + Power Points + Extra pictures)
- A student CD version (Manual)
- A DVD (selected presentations/speakers of some of the chapters)

To obtain copies, please contact:

In Ohio: Brad Moffit, brad.moffit@ode.state.oh.us

Outside Ohio: <http://www.cms.ag.ohio-state.edu>



www.uwex.edu/ces/regionalwaterquality