Ordering LPES Materials

To order LPES materials online, access the MWPS website at [http://www.mwpsqh.org](http://www.mwpsqh.org) and visit the catalog section. You can also order materials by calling MWPS at 1-800-562-3618 or e-mailing them at mwps@iastate.edu. Visa and MasterCard are accepted; checks should be made payable to MWPS.

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<th>LPES Materials and Prices</th>
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*Purchasers wishing to buy a larger number of LPES printed lessons can negotiate a larger discount. For more information, call MWPS.

Rev 7/2002
A national team of more than 30 experts from 15 land-grant universities, the U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS), and the USDA Agricultural Research Service (ARS) prepared, peer reviewed, and pilot tested the LPES curriculum with assistance from MidWest Plan Service (MWPS) and guidance from the U.S. Environmental Protection Agency's (EPA's) National Agriculture Compliance Center (Ag Center). The LPES curriculum development effort was funded by a grant from the EPA's Ag Center with program oversight through the USDA.

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The LPES program provides producers, industry stakeholders, and educators with access to the latest science-based information.

Producers may find this product valuable as a
• Reference to quickly access the science behind specific issues, technologies, or practices.
• Tool to review the environmental risks associated with their operation.

Educators will find that LPES offers
• PowerPoint presentations for teaching workshops, certification programs, or employee training sessions.
• Assessment tools for reviewing an operation’s environmental risk and compliance with regulations.
• Reference materials that can be modified and adapted to local needs or individual species.

Sample Applications
The LPES curriculum lessons are being used to support
• State-mandated training services for certified livestock managers (Illinois, Georgia, North Carolina).
• Nutrient management planning workbook for producers (Kentucky).
• CNMP continuing education programs for public and private sector advisors (Tennessee, Michigan).
• Development of Agricultural Environmental Management System (Utah).
• Model training program for manure applicators (Indiana).
• Odor management workshops for producers and advisors (Nebraska).

What materials were prepared?
The nationally developed and regionally piloted educational materials prepared for the Livestock and Poultry Environmental Stewardship (LPES) curriculum are as follows:

✓ 26 independent lessons addressing animal dietary strategies, manure storage and treatment, land application and nutrient management, and outdoor air quality
✓ Producer-friendly environmental stewardship and/or regulatory compliance assessment tools
✓ PowerPoint presentations with speaker’s notes

What formats are available?
To meet your educational needs, the LPES curriculum is now available in these formats:

✓ A searchable CD containing the 26 lessons in PDF format, the PowerPoint presentations, and the assessment tools as well as Adobe’s Acrobat Reader
✓ A shrink-wrapped, 3-hole punched printed set of the lessons, including the assessment tools, with a cover suitable for a binder
✓ A 2-CD set of PageMaker files that can be adapted to state or regional needs

Are curriculum materials online?
To view the individual lessons in PDF format, access the LPES website at www.lpes.org. If you have any questions or comments, call MWPS at 1-800-562-3618 or send an e-mail to mwps@iastate.edu.
Module A.
Introduction
1. Principles of Environmental Stewardship
2. Whole Farm Nutrient Planning

Module B.
Animal Dietary Strategies
10. Reducing the Nutrient Excretion and Odor of Pigs Through Nutritional Means
11. Using Dietary and Management Strategies to Reduce the Nutrient Excretion of Poultry
12. Feeding Dairy Cows to Reduce Nutrient Excretion
13. Using Dietary Strategies to Reduce the Nutrient Excretion of Feedlot Cattle

Module C.
Manure Storage and Treatment
20. Planning and Evaluation of Manure Storage
21. Sizing Manure Storage, Typical Nutrient Characteristics
22. Open Lot Runoff Management Options
23. Manure Storage Construction and Safety, New Facility Considerations
24. Operation and Maintenance of Manure Storage Facilities
25. Manure Treatment Options

Module D.
Land Application and Nutrient Management
30. Soil Utilization of Manure
31. Manure Utilization Plans
32. Land Application Best Management Practices
33. Selecting Land Application Sites
34. Phosphorus Management for Agriculture and the Environment
35. Land Application Records and Sampling
36. Land Application Equipment

Module E.
Outdoor Air Quality
40. Emission from Animal Production Systems
41. Emission Control Strategies for Building Sources
42. Controlling Dust and Odor from Open Lot Livestock Facilities
43. Emission Control Strategies for Manure Storage Facilities
44. Emission Control Strategies for Land Application

Module F.
Related Issues
50. Emergency Action Plans
51. Mortality Management