



# A Look at KYVL's Agricola and GreenFile

Presented by  
Nancy Houseal  
KDLA's Division of Library Services

# At a Glance

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## AGRICOLA

Contains bibliographic records from the U.S. Department of Agriculture's National Agricultural Library

Access to millions of citations relating to the field of agriculture and food science

## GREENFILE

Free research database of scholarly, government and general-interest sources

Covers the environmental effects of individuals, corporations and governments and what can be done at each level to minimize negative impacts

http://kdla.ky.gov

Kentucky Department for Libraries and Archives

Librarians ▾ Archivists ▾ Researchers ▾ State Employees ▾ Records Management ▾

- Kentucky State Government Employees - Welcome!
- Ask a Librarian
- Research Databases**
- Training Events Calendar for State Employees
- Archived Training Sessions
- Library Account Application
- Collections
- Downloading Audiobooks and Ebooks
- Technology Training for State Employees
- Resource Lists
- Kentucky State Publications
- KDLA WorldCat Discovery

The Statistical Report of Kentucky Public Libraries, Fiscal Year 2015-2016  
Now available online

Upcoming Events & Closures

- May 29 - Memorial Day
- June 23 - Archives Research Room CLOSED

# Research Databases Page

## Research Databases for State Employees

Desktop access to licensed databases is provided free of charge, exclusively to state government employees. All databases are accessible to the general public at the State Library.



3000+ full-text U.S. newspapers; 50+ Kentucky sources including the Lexington Herald-Leader.



300+ full-text U.S. newspapers including the Louisville Courier-Journal.



20+ databases including EBSCO and WorldCat; multi-disciplinary coverage; strengths in business, education, medicine and news.



Directory of U.S. businesses and individuals enhanced with financial and organizational information.



KDLA WorldCat Discovery offers quick and easy searching of KDLA's collections, and other libraries worldwide.



80,000+ full-text federal, state and local policy documents, and news on homeland security.

- [Home](#)
- [KDLA Catalog](#)
- [e-Archives](#)
- [Ask a Librarian](#)
- [Public Library Directory](#)
- [Kentucky Library Job List](#)
- [Records Retention Schedules](#)
- [Kentucky Talking Book Library](#)

### Login Procedure

- Select a database.
- When prompted, type in your KDLA account number and password.
- **NOTE:** Our login procedure has changed and you may be required to reset your password. The following short video will walk you through that process: [How to reset your KDLA library account for WorldCat Discovery and KDLA Databases \(5 minute video\)](#)
- For assistance contact the State Library's Reference Desk: 502.564.8306; or toll-free 800.928.7000; or online at [Ask A Librarian](#).

### Who Is Classified as a State Employee?

This classification includes persons working in executive, legislative and judicial agencies, commissions, boards, etc.

Employees of public school systems and public higher education institutions can be served by their public and institutional libraries.

Connect with KDLA



# Look for EBSCO

Ky.gov An Official Website of the Commonwealth of Kentucky Search



## Kentucky Department for Libraries and Archives

Librarians ▾ Archivists ▾ Researchers ▾ State Employees ▾ Records Management ▾

Home / State Employees / Research Databases / KYVL Databases

### KYVL Databases

20+ databases including EBSCO and WorldCat; multi-disciplinary coverage; strengths in business, education, medicine and news.



- [Britannica Digital Learning](#)
- [EBSCO](#)
- [LearningExpress Library](#)
- [NovelList](#)
- [ProQuest](#)
- [Scholastic GO!](#)
- [WorldCat \(OCLC\)](#)

- [Home](#)
- [KDLA Catalog](#)
- [Kentucky State Digital Archives](#)
- [Ask a Librarian](#)
- [Public Library Directory](#)
- [Job List](#)
- [Records Retention Schedules](#)
- [Kentucky Talking Book Library](#)

### Connect with KDLA

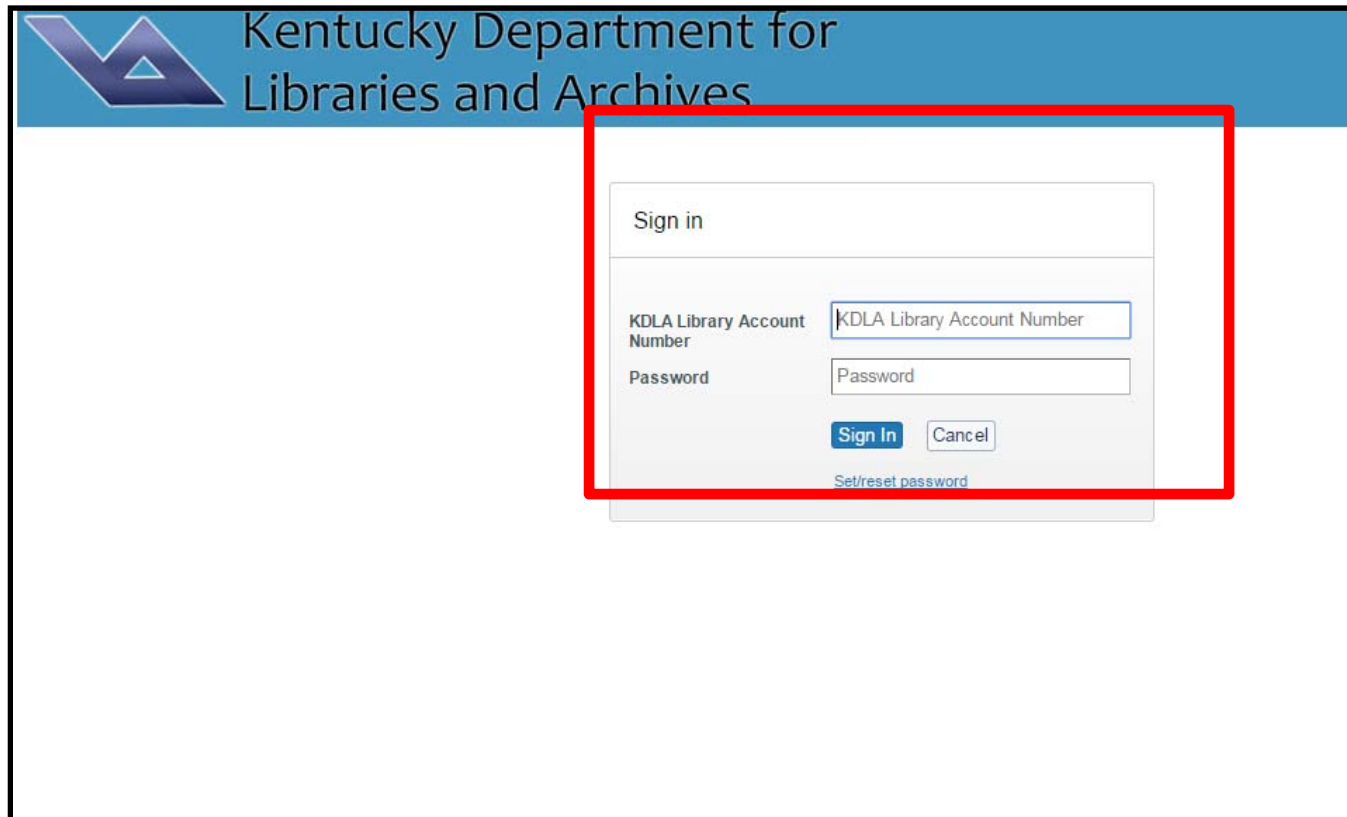


**Kentucky Department for Libraries and Archives**  
An agency of the Education and Workforce Development Cabinet

<b>General Information</b> <a href="#">Calendar of Events</a> <a href="#">Hours of Operation</a> <a href="#">Service / Staff Directories</a>	<b>About KDLA</b> <a href="#">Press Room</a> <a href="#">Strategic Plan</a> <a href="#">Organizational Information</a>	<b>Policies and Guidelines</b> <a href="#">Customer Policy</a> <a href="#">Circulation Policy</a> <a href="#">Collection Development Policy</a>	<b>Contact Us</b> P.O. Box 537 Frankfort, KY 40602-0537
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# Login Page

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Kentucky Department for  
Libraries and Archives

Sign in

KDLA Library Account Number

Password

[Sign In](#) [Cancel](#)

[Set/reset password](#)


# Select Individual Database

EBSCO



**Databases**

- Academic Search Complete
- Agricola
- AHFS Consumer Medication Information
- Business Source Premier
- CINAHL with Full Text
- Consumer Health Complete
- EBSCOhost
- Funk & Wagnalls New Encyclopedia
- GreenFILE
- Health Source - Consumer Edition
- LISTA - Library, Information & Technology Abstracts
- MAS Ultra - School Edition
- MasterFILE Premier
- MEDLINE
- Middle Search Plus
- NoveList
- Primary Search
- Psychology & Behavioral Sciences Collection
- PsycINFO


**Academic Search Complete**



Academic Search Complete  
[more...](#)


-  [Academic Search Poster](#)
-  [Academic Search User Guide](#)

**Agricola**




Agricola  
[more...](#)

**AHFS Consumer Medication Information**





AHFS Consumer Medication Information  
[more...](#)

**Business Source Premier**



Business Source Premier  
[more...](#)

-  [Business Source Poster](#)
-  [Business Source User Guide](#)

### Funk & Wagnalls New Encyclopedia

Funk & Wagnalls  
New Encyclopedia™

Available via EBSCOHost®

Funk and Wagnalls New Encyclopedia

Features over 25,000 informative segments of the encyclopedia.

### GreenFILE



GreenFILE

This resource provides scholarly, government and general-interest sources covering the environmental effects of individuals, corporations and governments and what can be done at each level to minimize negative impacts. GreenFILE covers the connections between the environment and a variety of disciplines such as agriculture, education, law, health and technology.

It includes full-text articles, books, and abstracts for more than 806,000 records and open access full text for more than 12,000 records. Key journals include Agriculture, Ecosystems & Environment, Conservation Biology, Forest Ecology & Management, International Journal of Green Energy, and Journal of Wildlife Management.

[more...](#)

### Health Source - Consumer Edition



Health Source - Consumer Edition

This rich collection of consumer health information provides access to more than 80 full-text consumer health magazines, including American Fitness, Better Nutrition, Harvard Health Letter, Men's Health, Muscle & Fitness, Prevention, Vegetarian Times and many others. Also included in this database is searchable full text for current health-related pamphlets and 110 full-text health reference books. This full-text database covers a wide variety of subjects, including information on specific diseases as well as overall health topics. Additionally, within Health Source: Consumer Edition, users have access to Clinical Reference Systems reports, in both English and Spanish, and Merriam-Webster's Medical Desk Dictionary.

[more...](#)

### LISTA - Library, Information & Technology Abstracts



LISTA - Library, Information Science & Technology Abstracts

Library, Information Science & Technology Abstracts (LISTA) indexes more than 600 core journals and more than 80 selective journals. Coverage in this free research database extends as far back as the mid-1960s. LISTA also includes author profiles and a robust thesaurus.

[more...](#)







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Agricola



# Overview

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Over 5.2 million citations

Updated monthly

Selective worldwide coverage of primary information sources in agriculture and related fields.

Citations primarily in English

Over one-third comprises citations in Western European, Slavic, Asian, and African languages.



# Subjects Included

Agriculture Products

Agriculture (General)

Animal Sciences

Biotechnology

Botany

Chemistry Conservation

Cytology

Economics, Agricultural

Education, Agricultural

Energy, Agriculture

Engineering, Agricultural  
Entomology

Farm Management

Feed Science

Fertilizers

Fibers and Textiles

Food and Nutrition

Forestry

History, Agricultural

Horticulture

Human Ecology

Human Nutrition

Hydrology

Hydroponics

Information Systems for  
Agriculture

Microbiology

Natural History

Natural Resources

Pesticides

Physiology

Plant Sciences

Pollution

Public Health

Rural Sociology

Soil Sciences

Veterinary Medicine

Water Quality

Weather and Climate


Wildlife

Zoology

# Types of Content

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Indexes material from 1970 on

- Journals
  - Magazines
  - Books and book chapters
  - Conference reports
  - Theses and dissertations
  - Audiovisual materials
  - Patents
  - Software
  - Technical reports
- 

# Basic Search Screen

The screenshot displays the EBSCOhost Basic Search interface. At the top, a blue navigation bar includes links for "New Search", "Indexes", "Library Holdings", "Sign In", "Folder", "Preferences", "Languages", and "Help". The text "KENTUCKY VIRTUAL LIBRARY (KYVL)" is positioned in the upper right corner. The central search area features the EBSCOhost logo on the left. To its right, the text "Searching: Agricola | Choose Databases" is shown above a search input field containing "Agricola". A "Search" button and a help icon are to the right of the input field. Below the input field, there are links for "Search Options", "Basic Search", "Advanced Search", and "Search History". A red rectangular box highlights the search input field and the "Search" button. At the bottom of the page, a footer contains links for "Mobile Site", "iPhone and Android apps", "EBSCO Support Site", "Privacy Policy", "Terms of Use", and "Copyright".





Searching: Agricola | Choose Databases

pesticide Select a Field (option... Search Clear

AND bees Select a Field (option...

AND Select a Field (option... + -

Basic Search Advanced Search Search History

KENTUCKY VIRTUAL LIBRARY (KYVL)

Refine Results

Current Search

Boolean/Phrase: pesticide AND bees

Limit To

- Linked Full Text
Abstract Available

1920 Publication Date 2017

Show More

Source Types

- All Results
Academic Journals (510)
Books (71)

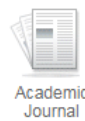
Subject

Publication

Search Results: 1 - 10 of 689

Relevance Page Options Share

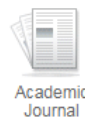
1. Shuffling cross-validation bee algorithm as a new descriptor selection method for retention studies of pesticides in biopartitioning micellar chromatography



Zarei, Kobra, Journal of environmental science and health, 2017 May 4, v. 52, no. 5, p. 346-352., Taylor & Francis
Subjects: chromatography; correlation; data collection; foraging; honey bees; models; pesticides; regression analysis; support vector machines



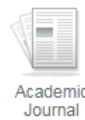
2. The exposure of honey bees (Apis mellifera; Hymenoptera: Apidae) to pesticides: Room for improvement in research



Benuszak, Johanna, Science of the total environment, 2017 June 01, v. 587-588, p. 423-438., Elsevier B.V
Subjects: active ingredients; air; Apis mellifera; beeswax; bioavailability; environmental fate; honey bees; pesticides; pollinators; propolis



3. Comparative toxicity of pesticides and environmental contaminants in bees: Are honey bees a useful proxy for wild bee species?



Heard, Matthew S., Science of the total environment, 2017 Feb. 01, v. 578, p. 357-365., Elsevier B.V
Subjects: Apis mellifera; biochemical pathways; Bombus terrestris; chronic exposure; ecotoxicology; honey bees; interspecific variation; Osmia rufa; pesticides; pharmacokinetics; pollinating insects; pollution; population ecology; socioeconomics; solitary bees; toxicity; toxicity testing; Europe



Newsires

Maryland measure seeks to... (AP Regional State Report ..., 909 days ago)

Md. gives final OK to bil... (AP Regional State Report ..., 494 days ago)

To help bees, Md. Senate ... (AP Regional State Report ..., 523 days ago)

Find More



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GreenFile



# Overview

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Provides scholarly, government and general-interest sources covering the environmental effects of individuals, corporations and governments and what can be done at each level to minimize negative impacts.

Draws on connections between the environment and a variety of disciplines

Free resource available whenever you need it

Offers indexing and abstracts for more than 850,000 records

Offers open access full text for more than 13,000 records

# Subjects Included

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Global climate change

Green building

Pollution

Sustainable agriculture

Renewable energy

Recycling



# Types of Content

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- Journals
- Magazines and trade publications
- Books and book chapters
- Conference reports
- Essays and pamphlets
- Technical reports
- Case studies
  
- Title List: [https://www.ebscohost.com/titleLists/8gh-coverage.xls?\\_ga=2.175230050.1589958980.1502738740-1947363563.1500407924](https://www.ebscohost.com/titleLists/8gh-coverage.xls?_ga=2.175230050.1589958980.1502738740-1947363563.1500407924)





Searching: GreenFILE | Choose Databases

artificial turf Select a Field (option...) Search Clear ?

AND Select a Field (option...)

AND Select a Field (option...) + -

Basic Search | Advanced Search | Search History

### Refine Results

#### Current Search

Boolean/Phrase:  
artificial turf

#### Limit To

- Full Text
  - References Available
  - Scholarly (Peer Reviewed) Journals
- 1993 Publication Date 2017

Show More

#### Source Types

- All Results
- Academic Journals (18)
- Magazines (11)

#### Subject

#### Publication

#### Publisher

### Search Results: 1 - 10 of 40

Relevance | Page Options | Share

#### 1. Analysis of energy use and emissions of greenhouse gases, metals and organic substances from construction materials used for artificial turf.

By: Magnusson, Simon; Mácsik, Josef. Resources, Conservation & Recycling. Jul2017, Vol. 122, p362-372. 11p. DOI: 10.1016/j.resconrec.2017.03.007.

Subjects: Environmental risk assessment; Life cycle costing; Analytical chemistry; Thermoplastic elastomers; Turfgrasses

Academic Journal PlumX Metrics

#### 2. The response of earthworms (*Eisenia fetida*) and soil microbes to the crumb rubber material used in artificial turf fields.

By: Pochron, Sharon T.; Fiorenza, Andrew; Speri, Cassandra; Ledda, Brianne; Lawrence Patterson, Charles; Tucker, Clara C.; Tucker, Wade; Ho, Yuwan Lisa; Panico, Nicholas. Chemosphere. Apr2017, Vol. 173, p557-562. 6p. DOI: 10.1016/j.chemosphere.2017.01.091.

Subjects: Earthworms; Haplotaxida; Synthetic sporting surfaces; Reclaimed rubber; Rubber waste

Academic Journal PlumX Metrics

#### 3. Environmental and Health Impacts of Artificial Turf: A Review.

By: Hefa Cheng; Yuanan Hu; Reinhard, Martin. Environmental Science & Technology. 2/18/2014, Vol. 48 Issue 4, p2114-2129. 16p. DOI: 10.1021/es4044193.

Subjects: Water conservation research; Heavy metals & the environment; Pollutants; Volatile organic compounds & the environment; Synthetic sporting surfaces

Cited References: (100)

Academic Journal PlumX Metrics

#### 4. Artificial Turf Football Fields: Environmental and Mutagenicity Assessment.

By: Schilirò, Tiziana; Traversi, Deborah; Degan, Raffaella; Pignata, Cristina; Alessandria, Luca; Scozia, Dario; Bono, Roberto; Gilli, Giorgio. Archives of Environmental Contamination & Toxicology. Jan2013, Vol. 64 Issue 1, p1-11. 11p. DOI: 10.1007/s00244-012-9792-1.

### Newsires

- FIFA: Men's World Cup cou... (AP English Worldstream - ..., 1020 days ago)
  - Ball State to replace art... (AP Regional State Report ..., 922 days ago)
  - The artificial turf at th... (AP Top News Package, 780 days ago)
- Find More



Searching: GreenFILE | Choose Databases

erosion  Select a Field (option...   

erosion  Select a Field (option...   

erosion dental  Select a Field (option...   

erosion control  Select a Field (option...   

erosion del suelo    

erosion of teachers    

erosion bebidas carbonatadas    

erosion of trust    

erosion de suelos    

erosion process    

erosion behavior

Search Options

Search Modes and Expanders

Search modes

- Boolean/Phrase
- Find all my search terms
- Find any of my search terms
- SmartText Searching [Hint](#)

Apply equivalent subjects

Apply related words

Also search within the full text of the articles

Reset

Limit your results

Full Text

Scholarly (Peer Reviewed) Journals

Publication Date

Month  Year:  - Month  Year:

Document Type

- All
- Abstract
- Article
- Bibliography

Image Quick View

References Available

Publication

Publication Type

- All
- Academic Journal
- Book/Monograph
- Essay

Cover Story

Number Of Pages

All

Image Quick View Types

- Black and White Photograph
- Chart
- Color Photograph
- Diagram
- Graph
- Illustration

# Cited References

21. **Long-term Effects of Grazing Management and Buffer Strips on Soil Erosion from Pastures.**  


 Academic Journal

By: Pilon, C.; Moore, P. A.; Pote, D. H.; Pennington, J. H.; Martin, J. W.; Brauer, D. K.; Raper, R. L.; Dabney, S. M.; Lee, J. Journal of Environmental Quality. Mar/Apr2017, Vol. 46 Issue 2, p364-372. 9p. DOI: 10.2134/jeq2016.09.0378.

Subject: Grazing & the environment; Soil erosion & the environment; Buffer zones (Ecosystem management)




**Cited References: (43)**

 PlumX Metrics

**Search Results: 1 - 10 of 43** Page Options ▾  Add (1-10)

To view records related to the article shown above, mark checkboxes and click Related Records.

**Related Records**

- 1. Standard methods for the examination of water and wastewater; American Public Health Association; 1992, Washington, DC : APHA (18th edition). Document Type: book; (AN *SMEWW.AMERICAN.APHA.A11B*) [Citation Record], Database: EBSCO Publishing Citations  
Times Cited in this Database: (49) 
- 2. Bulk density; Blake, G.R. Methods of soil analysis: Part I; 1965, Madison, WI : ASA, p374-390, 17p. Edited by: Black, C.A.. Document Type: book; (AN *MSAPI.BLAKE.ASA.A1FE.CGD*) [Citation Record], Database: EBSCO Publishing Citations  
Times Cited in this Database: (1) 
- 3. Effects of the establishment of a forested riparian buffer and grazing on soil characteristics; Brauer, D.; Brauer, D.E.; Looper, M.L.; Burner, D.; Pote, D.H.; Moore, P.A. Jr. Commun. Soil Sci. Plant Anal; 2012 Vol. 43, p1332-1343, 12p. Document Type: article; DOI: 10.1080/00103624.2012.666307; (AN *CSSPA.DC.ACCB.BRAUER.EEFRBG*) [Citation Record], Database: EBSCO Publishing Citations  
Times Cited in this Database: (1) 

# Searching Multiple Databases

New Search Publications Subject Terms Cited References More ▾ Sign In Folder Preferences Languages ▾ Help

EBSCOhost Searching: GreenFile Choose Databases

erosion Select a Field (option... Search Clear ?

AND Select a Field (option... AND Select a Field (option... + -

Basic Search Advanced Search Search History

### Search Options

Reset

#### Search Modes and Expanders

Search modes ?

- Boolean/Phrase
- Find all my search terms
- Find any of my search terms
- SmartText Searching [Hint](#)

Apply equivalent subjects

Apply related words

Also search within the full text of the articles

#### Limit your results

Full Text

Scholarly (Peer Reviewed) Journals

Publication Date  
Month ▾ Year:  - Month ▾ Year:

Document Type  
All  
Abstract  
Article  
Bibliography

Image Quick View

References Available

Publication

Publication Type  
All  
Academic Journal  
Book/Monograph  
Essay

Cover Story

Number Of Pages  
All ▾

Image Quick View Types  
 Black and White Photograph  Chart


## Choose Databases ?


Detailed View (Title lists included)


Select / deselect all


OK

Cancel


Academic Search Complete 

Academic Search Premier 

Agricola 

AHFS Consumer Medication Information 

American Doctoral Dissertations 

Business Source Premier 

CINAHL 


CINAHL with Full Text 

eBook Collection (EBSCOhost) 


ERIC 

Funk & Wagnalls New World Encyclopedia 

GreenFILE 


Health Source - Consumer Edition 


Library, Information Science & Technology Abstracts 

MAS Ultra - School Edition 

MasterFILE Premier 


MEDLINE 


Middle Search Plus 

Newspaper Source 

Newswires 

Primary Search 


Psychology and Behavioral Sciences Collection 

PsycINFO 

Regional Business News 

Small Business Reference Center 

Sociological Collection 

Teacher Reference Center 

TOPICsearch 

OK

Cancel





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Navigating the  
results page



New Search Subject Terms Publications Images More

Sign In Folder Preferences Languages Help

KENTUCKY VIRTUAL LIBRARY (KYVL)

EBSCOhost

Searching: GreenFILE, Show all | Choose Databases

erosion Select a Field (option...)

AND Select a Field (option...)

AND Select a Field (option...)

Basic Search Advanced Search Search History

Search Clear

Refine Results

Current Search

Limit To

- Linked Full Text
- References Available
- Scholarly (Peer Reviewed) Journals

2010 Publication Date 2017

Show More Options set

Source Types

- All Results
- Magazines (21)
- Journals (305)
- Academic Journals (305)
- Reports (3)
- Reviews (1)

Show More

Subject

Publication

Publisher

Search Results: 1 - 10 of 21

Relevance Page Options Share

Newsires

West Virginia ends constr... (AP Regional State Report ..., 5 days ago)

Juneau homes in danger of... (AP Regional State Report ..., 27 days ago)

Homeowners want Juneau's... (AP Regional State Report ..., 27 days ago)

Find More

1. Why-o-fuel?

By: Slater, Dashka. Sierra. Jan/Feb2017, Vol. 102 Issue 1, p20-21. 2p. , Database: GreenFILE

Subjects: Corn stover as fuel; Soil erosion; Ethanol -- Environmental aspects; Renewable energy standards; Fingerma, Kevin

Periodical PDF Full Text

2. CAN WE SAVE OUR CIVILIZATION?

By: Brown, Lester R. Mother Earth News. Feb/Mar2010, Issue 238, p26-29. 4p. , Database: GreenFILE

Subjects: Soil erosion; Population; Environmental protection; Renewable energy sources; Ecology

Periodical HTML Full Text PDF Full Text

3. Serve and Protect.

By: MOYER, JEFF. Rodale's Organic Life. Nov/Dec2015, Vol. 1 Issue 4, p114-114. 2/3p. , Database: GreenFILE

Subjects: Cover crops; Erosion

Periodical HTML Full Text PDF Full Text

4. GROW COVER CROPS FOR THE BEST GARDEN SOIL.

By: USSERY, HARVEY. Mother Earth News. Oct/Nov2011, Issue 248, p50-53. 4p. , Database: GreenFILE

Subjects: Cover crops; Soil fertility; Weed control; Erosion -- Prevention; Plant disease prevention

Periodical HTML Full Text PDF Full Text

5. Take only Photos, Leave only Footprints.

Earth Island Journal. Spring2014, Vol. 29 Issue 1, p6-6. 2/3p. , Database: GreenFILE

Subjects: Marine resources conservation; Beach erosion; Calcium carbonate; Seashells; Beachcombing



Searching: GreenFILE, Show all | Choose Databases

erosion  Select a Field (option...   ?

AND  Select a Field (option...   ?

AND  Select a Field (option...   ?

Basic Search Advanced Search Search History

Result List | Refine Search | 2 of 21

### CAN WE SAVE OUR CIVILIZATION?

Authors: Brown, Lester R. <sup>1</sup>

Source: Mother Earth News. Feb/Mar2010, Issue 238, p26-29. 4p.

Document Type: Article

Subject Terms: [\\*Soil erosion](#)  
[\\*Population](#)  
[\\*Environmental protection](#)  
[\\*Renewable energy sources](#)  
[\\*Ecology](#)

Abstract: The article presents the good and bad news about what is happening in the earth's environment. Troubling trends that are affecting one's surroundings include problems of soil erosion, falling water tables, and uncontrolled population growth. Hopeful trends that show that most people are involved in the conservation of the environment include the use of solar, wind, and steam power, the electrification of vehicles, and the rediscovery of the bicycle.

Author Affiliations: <sup>1</sup>President, Earth Policy Institute

Full Text Word Count: 2120

ISSN: 0027-1535

Accession Number: 47837011

Database: GreenFILE

Choose Language

CAN WE SAVE OUR CIVILIZATION?

Detailed Record

HTML Full Text

PDF Full Text

Related Information

Find Similar Results using SmartText Searching.

#### Tools

- Google Drive
- Add to folder
- Print
- E-mail
- Save
- Cite
- Export
- Create Note
- Permalink
- Share
- Listen
- Translate



Detailed Record

PDF Full Text

Source: Mother Earth News  
Date: February 1, 2010

Inside this work

Full Text Contents

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WISE WACKY & WHIZ-BANG! 30

CREATING A SUSTAINAB... 34

Choose Another Issue

HTML Full Text

CAN WE SAVE OUR CIVILIZATION?

40TH ANNIVERSARY SPECIAL FEATURE

# CAN WE SAVE OUR CIVILIZATION?

by LESTER R. BROWN

A renowned environmentalist outlines 10 areas of grave concern, and 10 trends that give us reason for hope.

*To mark our 40th anniversary, we asked our longtime contributing editor and sustainable development expert, Lester Brown, to look ahead and share his assessment of the most significant trends that are affecting our world today. —MOTHER*

## The Bad News: 10 Troubling Trends

I've been studying global environmental issues for decades, and for perspective, I read about ancient civilizations that declined and collapsed. Most often, shrinking food supplies were responsible for their demise. For the Sumerians, rising salt levels in the soil—the result of a design flaw in their irrigation system—brought down wheat and barley yields, and eventually the civilization itself. For some other early civilizations that have collapsed, it was soil erosion that triggered their decline.

Does our civilization face a similar fate? Unless we can reverse the environmental trends that are undermining the

world food economy, the answer may be yes. Here are the 10 greatest environmental threats I think we face today.

**1. Soil Erosion.** Erosion now exceeds new soil formation on about 30 percent of the world's cropland. In some countries, it has reduced grain production by half or more over the past three decades. Kazakhstan, for example, has abandoned 40 percent of its grain land since 1980. Space photos of continent-sized dust storms coming out of the Sahelian region of Africa and northwestern China show us that the loss of topsoil is expanding.

**2. Falling Water Tables.** Water tables are now falling in countries that together contain half the world's people. A World Bank study shows that 175 million people in India are being fed by overpumping aquifers. The comparable number for China is about 130 million people. As the wells go dry, the food supply will tighten in both countries.







Detailed Record

PDF Full Text

Source: Mother Earth News  
Date: February 1, 2010

Inside this work

Full Text Contents

1 - 5 | 6 - 10 | 11 - 15 | >>

Learning to Live on ... 21

ALL ABOUT GROWING PE... 22

CAN WE SAVE OUR CIVI... 26

WISE WACKY & WHIZ-BANG! 30

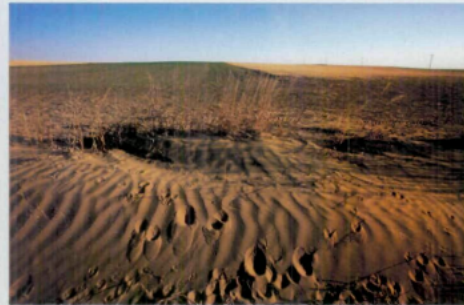
CREATING A QUIET NIAO 34

Choose Another Issue

HTML Full Text

CAN WE SAVE OUR CIVILIZATION?

reverse the environmental trends that are undermining the food supply will tighten in both countries.



While demand for food-producing land increases, wind erosion reduces the amount of productive cropland. Right: Every spring, water from melting glaciers in Asia feeds the continent's rivers. Because of global warming, the glaciers are shrinking, threatening the region's water supply.

26 MOTHER EARTH NEWS February/March 2010



The government of Bangladesh had to subsidize rice in 2008 when the cost of food skyrocketed. These women are buying rice from a border guard.





Searching: GreenFILE | Choose Databases

Search interface with input field containing 'can we save our civilization', dropdown menus for field selection, and Search/Clear buttons.

KENTUCKY VIRTUAL LIBRARY (KYVL)

Basic Search Advanced Search Search History

Result List Refine Search 1 of 1

Choose Language dropdown menu and Translate button

Title: CAN WE SAVE OUR CIVILIZATION? By: Brown, Lester R., Mother Earth News, 00271535, Feb/Mar2010, Issue 238

Database: GreenFILE

### CAN WE SAVE OUR CIVILIZATION?

#### Contents

- The Bad News: 10 Troubling Trends
- The Good News: 10 Hopeful Trends

Audio player interface with Listen button, play/pause controls, and 'American Accent' dropdown menu.

Section:

40TH ANNIVERSARY SPECIAL FEATURE

**A renowned environmentalist outlines 10 areas of grave concern, and 10 trends that give us reason for hope.**

To mark our 40th anniversary, we asked our longtime contributing editor and sustainable development expert, Lester Brown, to look ahead and share his assessment of the most significant trends that are affecting our world today.

--MOTHE

#### The Bad News: 10 Troubling Trends

I've been studying global environmental issues for decades, and for perspective, I read about ancient civilizations that declined and collapsed. Most often, shrinking food supplies were responsible for their demise. For the Sumerians, rising salt levels in the soil--the result of a design flaw in their irrigation system--brought down wheat and barley yields, and eventually the civilization itself. For some other early civilizations that have collapsed, it was soil erosion that triggered their decline.

Does our civilization face a similar fate? Unless we can reverse the environmental trends that are undermining the world food economy, the answer may be yes. Here are the 10 greatest environmental threats I think we face today.

**1. Soil Erosion.** Erosion now exceeds new soil formation on about 30 percent of the world's cropland. In some countries, it has reduced grain production by half or more over the past three decades. Kazakhstan, for example, has abandoned 40 percent of its grain land since 1980. Space photos of continent-sized dust storms coming out of the Sahelian region of Africa and northwestern China show us that the loss of topsoil is expanding.



**2. Falling Water Tables.** Water tables are now falling in countries that together contain half the world's people. A World Bank study shows that 175


#### Tools

- Google Drive
- Add to folder
- Print
- E-mail
- Save
- Cite
- Export
- Create Note
- Permalink
- Share





# Full Text Finder



5. **Cultivating values: environmental values and sense of place as correlates of sustainable agricultural practices**  


 , Agriculture and human values, 2016 June, v. 33, no. 2, p. 389-401., Springer Netherlands

**Subjects:** educational research; environmental health; environmental impact; farmers; farming systems; farms; food security; good agricultural practices; prediction; Hawaii



 [Full Text Finder](#)  [PlumX Metrics](#)


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6. **Increasing food sovereignty with urban agriculture in Cuba**  

 , Agriculture and human values, 2016 June, v. 33, no. 2, p. 415-426., Springer Netherlands

**Subjects:** farm inputs; farmers; farming systems; food availability; food prices; food production; food sovereignty; imports; interviews; land reform; qualitative analysis; subsidies; sustainable agriculture; urban agriculture; Cuba

 [Full Text Finder](#)  [PlumX Metrics](#)


 **Cultivating Values: Environmental Values and Sense of Place as Correlates of Sustainable Agricultural Practices** Kentucky Commonwealth  
Virtual Library

Lincoln, Noa. *Agriculture and Human Values* Volume: 33 Issue 2 (2016) ISSN: 0889-048X Online ISSN: 1572-8366

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**Full Text Finder Results**

Resources Located for this Citation

 [Find this article in full text from Career & Technical Education Database](#)



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# Handling Your Data



# Personal Account

The screenshot shows a web application interface. At the top, there is a dark blue navigation bar with the following items from left to right: 'More' with a dropdown arrow, 'Sign In' (highlighted with a red square), 'Folder' with a folder icon, 'Preferences', 'Help', and 'Exit'. Below the navigation bar, the text 'KENTUCKY DEPT OF LIBRARIES AND ARCHIVES' is displayed in the top right corner. On the left side, there is a search area with three input fields, each labeled 'a Field (optional)' with a dropdown arrow. The first field is followed by 'Search' and 'Clear' buttons and a help icon. Below the third field are '+' and '-' buttons. At the bottom left, the text 'of 8' is visible. At the bottom right, there are 'Date Newest' and 'Page Options' dropdown menus, and a 'Share' button with a share icon and a dropdown arrow.



## Sign In to My EBSCOhost

KENTUCKY VIRTUAL LIBRARY  
(KYVL)

[← Back](#)

**Step 1**

[Create a Charge Back Account](#)

User Name

Password

**Login**

[Create a new Account](#)

Load Preferences from EBSCOhost

[Forgot your password?](#)

[Forgot your user name and password?](#)

Sign in to access your personalized account.

- ✓ Save preferences
- ✓ Organize your research with folders
- ✓ Share your folders with others
- ✓ View others' folders
- ✓ Save and retrieve your search history
- ✓ Create email alerts and/or RSS feeds
- ✓ Gain access to your saved research remotely

## Create a new account - Personal Account ?

First Name

Last Name

E-mail Address

User Name

254 character maximum

Password

Password strength:

Include digits/symbols or make your password longer and more random. ?

Retype Password

Secret Question

Used to help identify your account if you forget your user name or password.

Secret Answer

Note: Please remember your account information for future reference.

**Save Changes**

Cancel

**Step 2**

# Saving Searches

The screenshot displays the EBSCOhost search interface. At the top, there are navigation tabs: New Search, Publications, Subject Terms, Cited References, and More. On the right, there are links for Sign In, Folder, Preferences, Languages, and Help. The main search area includes a search bar with the text "soil erosion" and a dropdown menu for "Select a Field (option...)". There are also buttons for "Search" and "Clear". Below the search bar, there are two more search input fields, each with a dropdown menu for "Select a Field (option...)" and a "Search" button. A "Search History" link is highlighted with a red box. Below the search area, there is a "Search History/Alerts" section with a "Save Searches / Alerts" link also highlighted with a red box. Below this, there are buttons for "Search with AND", "Search with OR", and "Delete Searches", along with a "Refresh Search Results" button. A table lists search history entries:

Search ID#	Search Terms	Search Options	Actions
S3	soil erosion	Search modes - Boolean/Phrase	<a href="#">View Results (4,138)</a> <a href="#">View Details</a> <a href="#">Edit</a>
S2	erosion control	Search modes - Boolean/Phrase	<a href="#">View Results (2,208)</a> <a href="#">View Details</a> <a href="#">Edit</a>
S1	erosion	Search modes - Boolean/Phrase	<a href="#">View Results (7,553)</a> <a href="#">View Details</a> <a href="#">Edit</a>

Below the table, there is a "Refine Results" section on the left, a "Current Search" section with "Boolean/Phrase: soil erosion", and a "Search Results: 1 - 10 of 4,138" section. The first result is "1. Runoff and soil erosion mitigation with sieved forest residue mulch strips under controlled laboratory conditions." by Prats, Sergio Alegre; Abrantes, João Rafael; Crema, Isabela P.; Keizer, Jacob J.; de Lima, João L.M.P. The result is from the "Academic Journal" and "PlumX Metrics". On the right, there is a "Newswires" section with links to "Minnesota farmers balance..." and "Audit: Grand Traverse Cou...".



# Saving Searches

New Search Publications Subject Terms Cited References More Sign In Folder Preferences Languages Help

EBSCOhost Searching: GreenFILE Choose Databases

soil erosion Select a Field (option... Search Clear

AND Select a Field (option... AND Select a Field (option... + -

Basic Search Advanced Search Search History

### Search History/Alerts

Print Search History Retrieve Searches Retrieve Alerts **Save Searches / Alerts**

Select / deselect all Search with AND Search with OR Delete Searches Refresh Search Results

Search ID#	Search Terms	Search Options	Actions
S3	soil erosion	Search modes - Boolean/Phrase	View Results (4,138) View Details Edit
S2	erosion control	Search modes - Boolean/Phrase	View Results (2,208) View Details Edit
S1	erosion	Search modes - Boolean/Phrase	View Results (7,553) View Details Edit

Refine Results

Current Search

Boolean/Phrase: soil erosion

Search Results: 1 - 10 of 4,138

Relevance Page Options Share

1. **Runoff and soil erosion mitigation with sieved forest residue mulch strips under controlled laboratory conditions.**

By: Prats, Sergio Alegre; Abrantes, João Rafael; Crema, Isabela P.; Keizer, Jacob J.; de Lima, João L.M.P. *Forest Ecology & Management*. Jul2017, Vol. 396, p102-112. 11p. DOI: 10.1016/j.foreco.2017.04.019.

Subjects: Soil erosion; Sedimentation & deposition; Environmental degradation; Weathering; Runoff

Academic Journal PlumX Metrics

Newsires

Minnesota farmers balance... (AP Regional State Report ..., 16 days ago)

Minnesota farmers balance... (AP Regional State Report ..., 16 days ago)

Audit: Grand Traverse Cou... (AP Regional State Report ..., 16 days ago)




# Saving Alerts

<b>Folder List</b>	
Name of Search/Alert	Soil Erosion in Kentucky
Description	Articles
Date Created	5/9/2018
Databases	Academic Search Complete Agricola AHFS Consumer Medication Information Business Source Premier
Search Strategy	
Interface	EBSCOhost
Save Search As	<input type="radio"/> Saved Search (Permanent) <input type="radio"/> Saved Search (Temporary, 24 hours) <input checked="" type="radio"/> Alert
	Frequency Once a month
	Articles published within the last One month
	Run Alert for One Year
Alert Options	Alert results format <input checked="" type="radio"/> Brief <input type="radio"/> Detailed <input type="radio"/> Bibliographic Manager
E-mail Properties	<input checked="" type="checkbox"/> Limit EBSCOhost access to only the articles sent <input checked="" type="radio"/> Email all alerts and notices <input type="radio"/> Email only creation notice <input type="radio"/> No e-mail (RSS only)
	E-mail Address (please separate e-mail addresses with a semicolon) <input type="text"/>
	<input type="checkbox"/> Hide addresses from recipients
	Subject <input type="text"/>
	Title EBSCOhost Alert Notification
	E-mail [From] address EPAAlerts@ebSCO.com
	E-mail Results format <input checked="" type="radio"/> Plain Text <input type="radio"/> HTML
	Include in e-mail

# Journal Alerts

New Search **Publications** Subject Terms Cited References More ▾ Sign Out Folder Preferences Languages ▾ Help

MY  Database: GreenFILE -- Publications  
◀ Back

KENTUCKY VIRTUAL LIBRARY (KYVL)

Publications  
◀ Previous Record | Next Record ▶

Search within this publication

### Publication Details For "Earthwise"

**Title:** Earthwise

**Publisher Information:** Union of Concerned Scientists  
2 Brattle Square  
Suite One  
Cambridge MA 02238-9105  
United States of America

**Bibliographic Records:** 07/01/2009 to present  
**Full Text:** 07/01/2009 to present

**Publication Type:** Academic Journal

**Subjects:** Environmentalism

**Description:** Provides updates on current UCS research and advocacy efforts along with strategies you can use to help protect our environment on a daily basis.

**Publisher URL:** <http://www.ucsusa.org/>

**Frequency:** 4

**Peer Reviewed:** Yes

Share ▾

Create an alert :  
✉ E-mail Alert    📡 RSS Feed

Use Permalink :  
Persistent link to search (copy & paste)

[Twitter](#) [Facebook](#) [Google+](#) [LinkedIn](#) [Email](#) [Blog](#) [More](#)

# Creating/Managing Folders

The screenshot displays the EBSCOhost interface for a user named Nancy. The top navigation bar includes links for New Search, Publications, Subject Terms, Cited References, and More. On the right side of the top bar, there are links for Sign Out, Folder, Preferences, Languages, and Help. The user's profile section shows 'Nancy's Folder' with a 'Back' link and the EBSCOhost logo. The left sidebar lists various content categories such as My Folder (Articles, Images, Videos, etc.), My Custom (Diabetes, Osteoarthritis, Wind Turbines), and Shared By. The main content area is titled 'My Folder: Articles' and shows a list of articles. The first article, '1. A Turning of the Soil.', is highlighted with a red box. Above the article list, there are buttons for 'Copy To' and 'Move To', which are circled in green. To the right of the article list, there is a vertical menu with options: Print, E-mail, Save as File, and Export, all enclosed in a red box. A red arrow points to the 'My Custom' folder section in the sidebar. The article list includes details such as author, date, page count, and subjects for each entry.

Sign Out Folder Preferences Languages Help

KENTUCKY VIRTUAL LIBRARY (KYVL)

MY Nancy's Folder ? Back

EBSCOhost

My Folder

Articles (4)

Images (0)

Videos (0)

Companies (0)

Pages (0)

eBooks (0)

audioBooks (0)

Checkouts (0)

Holds (0)

Notes (0)

Other Content Sources (0)

Persistent Links to Searches (0)

Saved Searches (0)

Search Alerts (0)

Journal Alerts (0)

Web Pages (0)

My Custom ? New

Diabetes

Osteoarthritis

Wind Turbines

Shared By ? Add

My Folder: Articles

1-4 of 4

Page: 1

Select / deselect all Delete Items Copy To Move To

1. A Turning of the Soil.

By: Rowland, Ellen. Natural Life. Nov/Dec2011, Issue 142, p20-25. 6p. 7 Color Photographs. , Database: GreenFILE

Subjects: Earth construction; Carbon offsetting; Wind turbines; Photovoltaic power systems; Air quality; New York (N.Y.); New York (State); Ecological house design & construction

Periodical

Show all 7 images

PDF Full Text

2. CRAZY ABOUT COLLAGEN.

By: BOWDEN, JONNY. Better Nutrition. Dec2016, Vol. 78 Issue 12, p40-43. 4p. 4 Color Photographs. , Database: Health Source - Consumer Edition

Subjects: OSTEOARTHRITIS -- Prevention; AGING; COLLAGEN; CONNECTIVE tissues; DIETARY supplements; GINGER; NUTRITION; PROTEINS; TURMERIC

HTML Full Text PDF Full Text (3.4MB)

3. HOME WIND POWER Yes, in My Backyard!

By: Phelps, Megan E. Mother Earth News. April 2012, Issue 257, p28-32. 5p. , Database: GreenFILE

Subjects: Power resources; Wind power; Wind turbines; Electric power; United States. Dept. of Energy

HTML Full Text PDF Full Text

Print

E-mail

Save as File

Export



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State Library  
can help



Librarians ▾

Archivists ▾

Researchers ▾

State Employees ▾

Records Management ▾



New Titles at the State Library



- Kentucky State Government Employees - Welcome!
- Ask a Librarian
- Research Databases
- Training Events Calendar for State Employees
- Archived Training Sessions
- Library Account Application
- Collections
- Downloading Audiobooks and Ebooks
- Technology Training for State Employees
- Resource Lists
- Kentucky State Publications
- KDLA WorldCat Discovery



### READ Poster Project



### Upcoming Events & Closures

May 28 - Memorial Day

July 04 - Independence Day

Sep 03 - Labor Day

Nov 12 - Veterans Day

# No Full Text?

## 2. Repeated burning alters the structure and composition of hardwood regeneration in oak-dominated forests of eastern Kentucky, USA



Academic  
Journal

, Keyser, Tara L., *Forest ecology and management*, 2017 June 01, v. 393, p. 1-11., Elsevier B.V

**Subjects:** Acer rubrum; burning; Carya; forests; growing season; hardwood; pesticide application; Quercus; saplings; seedlings; shade tolerance; stems; tree and stand measurements; tree release; understory; woody plants; Kentucky



PlumX Metrics

## Ask a Librarian – State Government Employees

### Information Requested

Subject \*

Maximum Allowed: **140** characters. *Currently Used: 0* characters.

Your Request \*

Copy and paste article citation here!

Date Answer is Needed by

 /  / 

MM

DD

YYYY

Use to request full  
text of article

## Contact Information

**Name \***

First

Last

**Email \***

**Phone**

Maximum Allowed: **25** characters. *Currently Used: 0* characters.

**Cabinet \***

**Department or Agency \***

**Building**

**Street**

Maximum Allowed: **100** characters. *Currently Used: 0* characters.

**City**

Maximum Allowed: **50** characters. *Currently Used: 0* characters.

**ZipCode**

Maximum Allowed: **10** characters. *Currently Used: 0* characters.



# Contact Us

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In Frankfort

502-564-8306

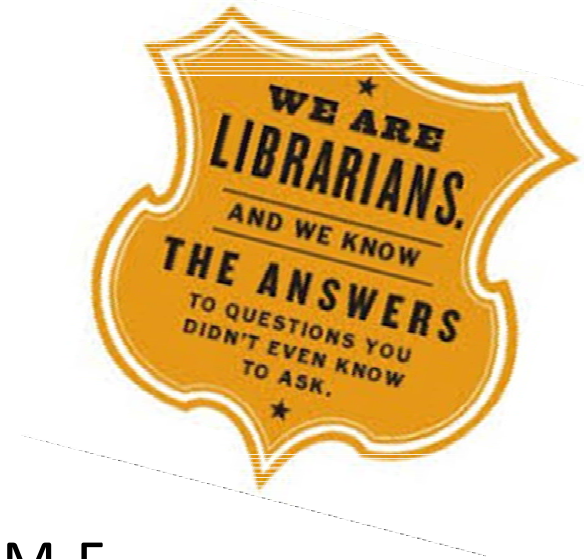
Outside Frankfort

800-928-7000

(choose option #3)

Email and phone: 8:00 – 4:30 (ET) M-F

Onsite visits: 9:00 – 4:00 (ET) M-F







**That's  
a  
Wrap!**

---

Conclusion



# Remember

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## Training Events Calendar

<http://kdla.ky.gov/employees/Pages/TrainingEventsCalendar.aspx>

## Archived Training Sessions

<https://kdla.ky.gov/employees/archivedtrainingsessions/Pages/default.aspx>

Follow-up email with  
training certificate  
(may take 1-2 weeks to arrive)



# Funding for Today's Training Provided by

---



# Final Actions

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- Take the Survey
- Download the Click “A Look at Agricola and GreenFILE”
  - “Save to my computer”
  - In the pop-up window:
  - “Click to Download”
  - “Save”
  - Choose where to save it
  - “Save”

Presentation

