AGRY 598
Precision Crop Management
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Purdue Libraries

www.lib.purdue.edu

- 500+ databases
- Millions of books, including thousands of e-books
- Interlibrary Loan
- Dissertations & Theses
- Citation management help
- One-on-one research help
Why not just use Google?

Purdue Libraries’ databases, books, articles, and other resources are behind a security wall, which means a general Google search won’t uncover them.

Purdue pays millions of dollars for these resources – but only available to currently enrolled students, faculty and staff.

Google Scholar is a little better – The Libraries work with GS to link to what Purdue owns so if you are using a Purdue-identified computer, it will show you if The Libraries are providing the full text.
Literature search strategy

1. Define your search question
   - Identify the main concepts
2. Information sources
3. Deciding which databases to search
4. Developing your search strategy
5. Refining your search
6. Saving your search
7. Documenting your search
8. Managing information

The links below provide details about the above process. They are from other institutions and any links to the library resources are for those libraries, not Purdue Libraries.

http://guides.lib.montana.edu/c.php?g=198132&p=1303009
http://libguides.library.curtin.edu.au/search-literature
https://library.leeds.ac.uk/researcher-literature-search-guide

Literature review: http://libguides.library.ncat.edu/literaturereview
Databases

• Peer reviewed articles
• Trade journals
• Extension publications
• Dissertations
• Government agency documents (USDA, Dept. of Education)
• Books/book chapters
• Data sets
• Conference proceedings
• Opinion pieces
• Magazine/Newspaper articles
• Internal reports/white papers
• Historical documents
• Surveys/testing documents
Resources

- Purdue University Libraries Agronomy Subject Guide
- PubAg (National Agricultural Library)
- National Agricultural Library Precision Agriculture
- National Agricultural Library Thesaurus and Glossary
  - Search: Precision Agriculture
- Databases
  - Agricola
  - CAB Abstracts
  - Scopus
PubAg (National Agricultural Library)
Precision Agriculture

USDA, NAL. Water and Agriculture Information Center. Offers a dynamic search of the NAL catalog (AGRICOLA) article citations on precision agriculture from 1995. A different dynamic search on precision agriculture is also available.
Search: Precision Agriculture

**Definition**
A management strategy that utilizes site-specific information to precisely and economically manage and optimize production inputs.

**Definition Source**
NAL Thesaurus Staff

**RDF/XML Format**
http://lod.nal.usda.gov/nait/39543.rdf

**Persistent URI**
http://lod.nal.usda.gov/nait/39543

**Categories**
- Farms and Farming Systems
Citation management at Purdue

- EndNote Basic is available free of charge, and EndNote is available at a reduced rate.

- Zotero is a free citation management tool that has users in the Libraries.

- Workshops on EndNote and Zotero are offered by Libraries’ faculty on a regular basis (see Graduate School Workshop Calendar).

- BibTeX is a tool for incorporating citations into a LaTeX document.

- [http://guides.lib.purdue.edu/citation](http://guides.lib.purdue.edu/citation)
- [http://guides.lib.purdue.edu/zotero](http://guides.lib.purdue.edu/zotero)
- [http://guides.lib.purdue.edu/EndNoteBasic](http://guides.lib.purdue.edu/EndNoteBasic)
- [http://guides.lib.purdue.edu/bibtex/basics](http://guides.lib.purdue.edu/bibtex/basics)
- [Duke University Libraries Citation Tool Comparison](http://guides.lib.purdue.edu/citation)
- [University of Wisconsin-Madison Libraries Comparison Chart](http://guides.lib.purdue.edu/zotero)
Other resources

• Copyright Questions
  https://www.lib.purdue.edu/uco/

• Interlibrary Loan

• Online Writing Lab (OWL)
FYI

GRIP – Graduate Research Information Portal

- NOT just for graduate students!
- Researching
- Productivity
- Publishing/Dissertations
- Teaching
- Calendar
- Campus Resources