

## LOCATION

All materials listed in this guide are located in Newman Library unless otherwise noted. Refer to location charts posted throughout the library for locations of specific call numbers. Materials with call numbers followed by the words "Ref" are located in the 2<sup>nd</sup> floor Reference Area.

### ENCYCLOPEDIAS, DICTIONARIES, DIRECTORIES, ETC.

Agricultural Research Centres

Call No. S530.5 F37 c.2 Ref

Dictionary of Agriculture and Food Engineering

Call No.: S674 F3 1979

The Encyclopedia of Agricultural Science

Call No. S411 E713 1994 Ref

Encyclopedia of Food Science and Technology

Call No.: TP368.2 E62 2000 Ref

Implement & Tractor

Call No.: S671 I4

Look for directory-type information in special issues of this periodical.

Magill's Survey of Science, Applied Science Series

Call No.: TA145 M298 1993 Ref

McGraw-Hill Dictionary of Scientific and Technical Terms, 5<sup>th</sup> ed.

Call No.: Q123 M34 1994 Ref

McGraw-Hill Encyclopedia of Science and Technology

Call No.: Q121 M3 1997 Ref

Thomas Register of American Manufacturers

Call No. : T12 T6 Ref

See also <http://www.thomasregister.com/>

### MANUALS, HANDBOOKS AND STANDARDS

ASAE Standards: Standards, Engineering Practices and Data

Call No.: S671 A32

CRC Handbook of Engineering in Agriculture

Call No.: S675 C73 1988

CRC Handbook of Irrigation Technology

Call No.: TC805 H25

CRC Handbook of Processing and Utilization in Agriculture

Call No.: S698 C7

Handbook of Energy Utilization in Agriculture

Call No.: S494.5 E5 H36

Livestock Waste Facilities Handbook, 3rd ed.

Call No.: TD930 L58 1993

Manuals of Food Quality Control

Check Addison (online catalog) for call numbers

Standards database from IHS

See Electronic Resources section

---

## PRINT INDEXES AND ABSTRACTS

Agricultural Engineering Abstracts (1976- )  
Call No. S671 A313 Ref

Agricultural Engineering Index (1907-1990)  
Call No.:S671 A3145 Ref

Applied Science & Technology Index (1958-1997)  
Call No.:T1 A6 Ref

Bibliography of Agriculture (1942-1998)  
Call No.:S493 B52 Ref

Biological & Agricultural Index (1916-1998)  
(formerly The Agricultural Index)  
Call No.:S494.5 A39 A47 Ref

Comprehensive Index of Publications (American Society of  
Agricultural Engineers) (1971-1997)  
Call No.:S671 A44a Ref

Computer & Control Abstracts (1969-1998)  
Call No.:TJ212 C6 Ref

Engineering Index (1892- )  
Call No.:TA1 E534 Ref

Food Science and Technology Abstracts (1969-1999)  
Call No.:TX341 F95x Ref

Irrigation and Drainage Abstracts (1975-1997)  
Call No.:S613 I7 Ref

Soils and Fertilizers (1938- )  
Call No.:S590 S67 Ref

## ELECTRONIC RESOURCES

Look for the databases under the Articles/databases link under Find on the libraries' home page at  
<http://www.lib.vt.edu/> or ask at the 1<sup>st</sup> floor reference desk

AGRICOLA (1970- )  
Electronic version of the Bibliography of Agriculture

AGRIS (1975- )  
<http://www.fao.org/agris/>

Applied Science and Technology Index (Oct, 1983- )

Associations Unlimited  
Electronic version of the Encyclopedia of Association

Biological and Agricultural Index (July, 1983- )

Biological Abstracts (1985- )

CAB Abstracts (1972- )  
Electronic version of all CAB International's abstracting  
journals

Cambridge Scientific Abstracts (Environmental Sciences Section)  
A collection of databases

Compendex (1987- )

Encyclopedia of Life Sciences

Food Science and Technology Abstracts (1969- )

GPO Monthly Catalog (July, 1976- )

Inspec (1969- )  
Electronic version of Computer and Control Abstracts plus  
several others

Standards – Industrial standards from HIS  
See the engineering librarian for standards not found here

Water Resources Abstracts (1967- )

Web of Science (1992- )  
Electronic version of the ISI Citation Indexes

For books on BIOLOGICAL SYSTEMS ENGINEERING, use the Library of congress Subject Headings to find subject  
terms for searching ADDISON (online catalog). Useful terms include:

AGRICULTURAL ENGINEERING  
AGRICULTURAL MACHINERY  
AGRICULTURAL POLLUTION  
BIOMASS ENERGY  
DRAINAGE  
FARM BUILDINGS

FARM MECHANIZATION  
FOOD PACKAGING MACHINERY INDUSTRY  
FOOD PROCESSING MACHINERY  
FOOD PROCESSING PLANTS  
IRRIGATION  
WATER QUALITY MANAGEMENT

In the Library of Congress classification system, the call number range S671-S790 deals with Biological Systems  
Engineering. Other relevant call numbers are: TC801-TC937 (Irrigation Engineering), TD920-TD949 (Rural  
Sanitary Engineering), TH4911-TH4935 (Farm Building-Construction), and TJ1480-TJ1496 (Farm Machinery).