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A SELECTED LIST OF AGRICULTURAL
REFERENCE BOOKS, ABSTRACTS, AND
INDEXES PREPARED
FOR THE
ARAB REPUBLIC OF EGYPT

Submitted by:

King Research, Inc.
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NOTE: None of the annotative information included in this volume is the work of King Research, Inc. All annotations supplied were extracted from sources listed herein.

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INTRODUCTION

This volume represents a core list of agricultural reference books and abstracting and indexing publications. For this compilation, titles of English-language books only have been included, with heavy American emphasis. Given the vast amount of published material in the field of agriculture, items have been selected in order to provide basic coverage of the field. No obvious attempt has been made to present only the "best" of the sources available. Rather, in many cases, they are merely representative of their type. Because scientific and technical information must be up-to-date, the primary criterion for inclusion is that the reference be a current source of information. Therefore, few titles published prior to 1965 have been included.

The primary areas addressed in this volume include aquaculture, agricultural machinery, dryland agriculture, farm management, field crops and grains, general agriculture, irrigation, livestock, organic farming, pesticides, poultry, rice, and soil science. Several of these areas were selected to reflect current agricultural needs in Egypt. Others were selected based on agricultural projects funded by the Agency for International Development which are currently in progress in Egypt.

This list is divided into reference books and abstracting and indexing publications. When appropriate, reference books are divided by type of material, such as handbooks, dictionaries, encyclopedias, and textbooks. Reference books which are listed under the category "Books" are loosely defined as any book that is likely to be consulted for factual information more frequently than it will be picked up and read through in sequential order. Entries within each division or subdivision are arranged alphabetically by title. Book entries contain basic bibliographic information, while the secondary source entries contain annotative information about scope and coverage.

The most fundamental reference tools used for identifying reference books were the guides, bibliographies, and bibliographic essays to the literature. Such lists were particularly valuable in that they were compiled by science bibliographers, librarians with subject expertise, or other subject specialists within specific scientific disciplines. The reference sources used are listed on the following page:

- "Current Survey of Reference Sources in Agriculture."
Frank Polach. RSR (Reference Services Review), pp. 7-14
(July/September 1979).
- FAO Books in Print, 1978.
Food and Agriculture Organization of the United Nations.
New York: UNIPUB, 1979.
- Reference Sources in Science and Technology.
Earl James Lasworth. Metuchen, New Jersey: Scarecrow
Press, 1972.
- Scientific and Technical Information Sources.
Ching-Chih Chen. Cambridge, Massachusetts: MIT Press,
1972.
- Selected List of American Agricultural Books in Print and
Current Periodicals.
National Agricultural Library. Beltsville, Maryland:
U.S. Department of Agriculture, 1975.
- Walford's Guide to Reference Material. Volume I: Science and
Technology.
Fourth edition. Edited by A. J. Walford. London: The Li-
brary Association, 1980.

Other sources used to supplement the above lists include Technical Book Review Index¹, Reference Sources², Scientific and Technical Books in Print³, and the reference collection on agriculture at the U.S. National Agricultural Library.* These sources were used for supplementary purposes since they did not cover enough up-to-date agricultural items. Additional recommended sources which were not identified in time for use in this compilation include:

- Select List of Reference Books on Agriculture, Fisheries
and Food.
Ministry of Agriculture, Fisheries and Food. London:
The Library, 1975.

¹Technical Book Review Index. Special Libraries Association, New York: 1935 - Monthly. Printed excerpts from reviews in scientific, technical, medical, and trade journals. Probably the best source of information for the evaluation of S&T books.

²Reference Sources. Linda Mark. Ann Arbor, Michigan: Pierian Press, 1977 - Annual. Annual cumulation of books and reference books reviewed in Reference Services Review.

³Scientific and Technical Books in Print, 1980. New York: R.R. Bowker Company, 1979.

* Items in the enclosed list which were not extracted from a published core list or evaluative reference tool are so indicated by an asterisk (*).

- "The Nucleus of an Agricultural Library."
D. Parker, et al. In: Primer for Agricultural Libraries.
Preliminary edition. Oxford: IAALD, 1967.
- Agriculture: a bibliographical guide.
E. A. R. Bush. London: Macdonald, 1974.
- Literature of Agricultural Research.
J. R. Blanchard and H. Ostvold. Berkeley: University of
California Press, 1958. (Revision in process.)

We emphasize here that the goal of this and the other core lists is not to present a comprehensive, overall picture of scientific and technical literature. Rather, our goal is to provide a quantitative method whereby individual library collections can be checked against a reliable list generated from well-known sources of evaluative and/or descriptive bibliographic information. The coverage statistics which are observed will then be used as an input to determining costs for individual libraries to fill the gaps between what is relevant and held and what is relevant and not held.

INSTRUCTIONS

The purpose of this list is to help you assess the completeness of your reference collection. For each book and secondary source on the list, we need to know if the item is relevant (desireable) or not relevant (not desireable) to your collection or your library users' needs. If a title is relevant, please write the code "1" in the box adjacent to it if it is in your collection. Please write a "2" if the item is relevant, but is not in your collection. If the item is not relevant, please write the code "3" in the box adjacent to it.

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AGRICULTURAL REFERENCE BOOKS

SUBFIELD HEADINGS
(Agricultural Books)

- Agricultural Chemistry
- Agricultural Conservation
- Agricultural Cooperatives
- Agricultural Economics
- Agricultural Engineering
- Agricultural Machinery
- Agriculture-Dairy
- Agriculture-General
- Agriculture-Miscellaneous
- Agriculture-Poultry
- Aquaculture
- Arid Lands
- Crops
- Farm Management
- Food Science
- Grains
- Irrigation
- Livestock
- Organic Agriculture
- Pesticides
- Soil and Soil Mechanics
- Textiles

AGRICULTURAL CHEMISTRY

Handbooks

1. Agricultural Chemicals and Pesticides; A Handbook of the Toxic Effects.
E.J. Fairchild, editor. London, Tunbridge Wells, 1978. 229 p.
2. Farm Chemical Handbook.
Willoughby, Ohio, Meister Pub. Co., 1st ed. 1908 (title varies)

Books

3. A Practical Course in Agricultural Chemistry: Past, Present, Future
R. Teranishi, editor. Westport, Connecticut, Avi, 1978. \$37.00
4. *Agricultural Chemicals.
W.T. Thomson, Fresno, California, Thomson Publications, 1979.
Book I: Insecticides
Book II: Herbicides
Book III: Fumigants, Growth regulators, repellants and rodenticides
Book IV: Fungicides

AGRICULTURAL CONSERVATION

Books

5. *Conservation & Agriculture.
Joan Davidson and Richard Lloyd, editors. LC 77-697, 1978. 33.00.
ISBN 0-471-99502-9, Pub. by Wiley-Interscience. Wiley.
6. Environmental Conservation. 4th edition.
R. F. Dasmann. Wiley, 1976. 427 p. \$9.50.
7. Scarcity and Growth: The Economics of Natural Resource Availability.
H. J. Barnett and C. Morse. John Hopkins Press, 1963. 288 p. \$9.00.
pap. \$2.95.

AGRICULTURAL COOPERATIVES

Books

8. Agricultural Marketing Cooperatives.
M. Digby and R. Gretton. FAO Agricultural Development Paper No. 53.
FAO Economic and Social Development Series No. 8. 1955, 80 p. 1978,
6th printing.
9. Operational Efficiency of Agricultural Cooperatives in Developing
Countries. E. Dulfer. FAO Agricultural Development Paper No. 96.
FAO Agri. Series No. 3. 1974, 188 p. 1977, 2nd printing.
10. Some Principles and Practices of Farmer Cooperatives.
H. M Olsen. Interstate, 1961. 118 p. pap. \$2.00.
11. Training and Extension in the Co-operative Movement.
A. F. Laidlaw. FAO Agricultural Development Paper No. 74. FAO Economic
and Social Development Series No. 11. 1962. 78 p. 1978, 6th printing.
12. Training Facilities for Cooperative Personnel in African Countries.
1971, 157 p.

An important publication for all those who have a direct interest in the
training of cooperatives.

AGRICULTURAL ECONOMICS

Books

13. Agriculture in the World Economy. 2nd revised edition.
1955, 65 p. 1962.
Agriculture's development, resources use, production trends and proportion of world income as seen against the background of a growing population and inadequate living standards in many parts of the world.
14. Economics for Agriculture.
J.D. Black. J.P. Cavin, editor. Harvard U. Press, 1959. 719 p. \$15.00.
15. Economics of Agricultural Policy.
G. Hallet. Kelley, 1968. 292 p. \$10.00
16. Economics of Agriculture.
M. Capstick. St. Martin, 1971. 163 p. \$6.00.
17. Farm Management Economics.
E.O. Heady and H.R. Jensen. Prentice-Hall, 1954. 645 p. \$11.95.
18. Land Resource Economics; The Political Economy of Rural and Urban Land Resource Use. 2nd edition.
R. Barlowe. Prentice-Hall, 1972. 616 p. \$13.95.
19. Scarcity and Growth; The Economics of Natural Resource Availability.
H.J. Barnett and C. Morse. Johns Hopkins Press, 1963. 288 p. \$9.00, pap. \$2.95.
20. The Marketing of Livestock and Meat. 2nd edition.
S.H. Fowler. Interstate, 1961. 740 p. \$11.00.
21. Handbook of Economic Accounts for Agriculture.
Rome: Food and Agriculture Organization of the United Nations, 1974.

AGRICULTURAL ENGINEERING

Reference Books

22. Agricultural Engineering.
Amer. Soc. Agr. Eng. \$12.00
23. Agricultural Engineering: A Dictionary and Handbook.
Arthur W. Farrall and Carl F. Albrecht. Danville, IL; Interstate, 1965.
24. Agricultural Engineers' Handbook.
C.B. Richey, P. Jacobson, and C.W. Hall, eds. McGraw-Hill, 1961.
880 pp. \$28.50.
25. Agricultural Process Engineering. 3rd edition.
Silas Milton Henderson and R.L. Perry. Westport, CT., Avi, 1977. 441 p.
\$21.00.
26. Dairy Technology and Engineering.
W. James Harper and C.W. Hall, editor. Westport, CT., Avi, 1976. 631 p.
\$20.00.
27. Dictionary of Agricultural and Food Engineering.
A.W. Farrall and J.A. Basselman, editor. Danville, IL., Interstate
Printers and Publishers, 1979. 437 p. \$17.50.
28. Encyclopedia of Food Engineering.
Carl W. Hall, A.W. Farrall, and A.J. Rippen, editors. Westport, Conn.,
Avi., 1971.
29. Encyclopedia of Hydraulics, Soil & Foundation Engineering.
Ernst Vollmer. New York: American Elsevier, 1967.
30. Engineering for Dairy and Food Products.
A.W. Farrall. Wiley, 1963. 674 p. \$20.25.
31. International Directory of Agricultural Engineering Institutions.
1973. 537 pp. Up-to-date material collected from 115 countries. \$17.00.
32. Introduction to Agricultural Engineering.
H.F. McColly and J.W. Martin. McGraw-Hill, 1955. 553 pp. \$13.50.
33. Soil and Water Conservation Engineering. 2nd edition.
G.O. Schwab, et al. Wiley, 1966. 683 p. \$18.95.
34. The Fundamentals of Food Engineering. 2nd edition.
S.E. Charm, Avi, 1971. 629 p. \$29.00.
35. Water Resources Engineering. 2nd edition.
R.K. Linsley and J.B. Franzini. McGraw-Hill, 1972. 690 p. \$18.50.

AGRICULTURAL MACHINERY

Books

36. Agricultural Machinery Workshops: Design, Equipment and Management.
FAO Agricultural Development Paper No. 66. 1960, 111 p. 1973,
2nd printing.

Of primary interest to agricultural leaders and engineers responsible
for planning and implementing land development and agricultural
mechanization projects.
37. Elements of Agricultural Machinery, Vo. 1.
FAO Agricultural Services Bulletin Ser.: No. 12, Supp. 1. 1978.
pap. 10.00. ISBN 92-5-100400-5, F1369, FAO. Unipub.
38. *Environmental Control & Agri-Technology.
E. B. Konecni, editor. (Science & Technology: Vol. 39). Illus. 1976.
lib. bdg. 30.00x. ISBN 0-87703-075-8. Am Astronaut.
39. Farm Machinery. 9th edition.
Claude Culpin. Illus. 1977. 27.00x. ISBN 0-685-67306-5. Beekman Pubs.
40. Farm Power and Machinery Management: Laboratory Manual and Workbook.
6th edition. D. R. Hunt. Iowa State U. Press, 1973. 324 p. pap. \$7.50.
41. Methods and Machines for Tile and Other Tube Drainage.
G.H. Theobald. FAO Agricultural Development Paper No. 78, 1963. 104 p.

A useful teaching aid, this book describes in detail the practical consid-
erations of drainage work.
42. Principles of Farm Machinery. 2nd edition.
R. A. Kepner, R. Bainer, and E. L. Barger. Avi, 1972. 486 p. \$16.00.
43. Small Farm Implements.
H.J. Hopfen and E. Biesalski. FAO Agricultural Development Paper No. 32,
FAO Agriculture Series No. 5, 1953. 79 p. 1978, 2nd printing.

Describes principles governing the design of small farm implements on
the basis of useful, simple hand tools and a very restricted selection of
animal-drawn implements.

AGRICULTURE - DAIRY

Dictionaries

44. A Dictionary of Dairying 2d ed.
J.G. Davis, London, England, Leonard Hill, Limited, 1955.

Handbooks

45. *Handbook for Dairymen
Iowa State U. Press. 1963, 307p. pap. \$5.50

Books

46. Approved Practices in Dairying 3d ed.
E.M. Jurgenson and W.P. Mortenson, Interstate, 1972, 353p. \$7.00
47. Dairy Cattle Feeding and Management. 5th edition.
P.M. Reaves and H.O. Henderson. Wiley, 1963. 448 p. \$12.75.
48. Dairy Production 3d ed.
C.E. Dowdy and R.V. Diggins, Prentice-Hall, 1969, 723p. \$10.60
49. Milk and Milk Products in Human Nutrition 2d ed.
S.K. Kon. FAO Nutritional Studies No. 27. Second edition revised
1972, 80p. 1975, 2nd printing.
50. Milk Production and Processing
H.F. Judkins and H.A. Keener. Wiley, 1960, 452p. \$11.75
51. *Milk Production in Developing Countries (Illus.).
Faber and Faber, Merrimack Bk. Serv., 1967.
52. Optimum Feeding of Dairy Animals for Meat and Milk. 2nd edition.
M.E. McCullough. U. Georgia Press, 1973. 210 p. pap. \$4.95.
53. *Principles of Dairy Processing.
James N. Warner. Halsted Pr., 1976.

AGRICULTURE - GENERAL

Encyclopedias

54. Encyclopedia of Animal Care. 10th edition.
W.C. Miller and G.P. West. Williams & Wilkins, 1972. 1026 p. \$20.25.
55. McGraw-Hill Encyclopedia of Food, Agriculture and Nutrition.
Daniel N. Lapedes, editor. New York, McGraw-Hill, 1977. 732 p. \$24.50.
LC 77-12181. ISBN 0-07-045263.
56. The Smallholder Encyclopaedia. 2nd edition.
J. Hayhurst, editor. London, Pearson, 1962. 844 p.

Designed to meet the needs of the professional but essentially practical person who is engaged in livestock keeping or cropping... (Preface). Horticulture, p. 1-409; agriculture, p. 410-481; each has several A-Z sequences. This edition has a new section on fur farming. More than 500 illustrations. Appendices (p. 842-4) provide some handy horticultural reference tables. Full cross-references; no bibliographies.

Dictionaires

57. A Dictionary of Agriculture and Allied Terminology.
J.N. Winburne, editor. East Lansing, Mich., Michigan State Univ. Press, 1962. 905 p. \$15.00.
- About 18,000 terms, drawn from c.250 books, magazines, pamphlets and catalogues. Definitions, free from highly technical words, follow a general pattern; (a) entry word; (b) scientific name (if any); (c) general standard or description; (d) agricultural implications; (e) synonyms; (f) cross-references. Locations of plants in USA. Appendix A, 897-903 pp, lists terms under subjects.
58. Agricultural-biological Vocabulary. 2 v.
U.S. National Agricultural Library. Washington, D.C., 1967.
Supplement, 1968--
59. Collegiate Dictionary of Botany.
D. Swartz. Ronald, 1971. 520 p. \$10.50.
60. *Dictionary of Agriculture. 4th revised edition.
G. Haensch. Haberkamp G. De Anton, editor. 1976. \$85.50.
ISBN 0-444-99849-7. Elsevier.
61. Dictionary of Terms Relating to Agriculture, Horticulture, Forestry, Cattle Breeding, Dairy Industry and Agriculture in English, French, German and Dutch.
T.J. Bezemer, comp. London, Allen & Unwin, 1934. 1061 p.

AGRICULTURE - GENERAL (Cont'd)

Yearbooks

62. Yearbook of Agriculture.
U.S. Department of Agriculture. Washington, D.C., 1894--
63. American Potato Yearbook.
N.J. Westfield, Stedman Macfarland, Jr., editor and publisher, v. 1 --
1960--

Handbooks

64. The Agricultural Notebook: Facts and Figures for Farmers, Students and all Engaged or Interested in Farming. 16th edition.
P. Primrose McConnell.
65. Veterinary Guide for Farmers. New revised edition.
G.W. Stamm. D.S. Burch, editor. Hawthorn, 1963. 384 p. \$6.95.

Books

66. Advances in Agronomy. v. 27.
W.C. Brady, editor. New York, Academic, 1976. 380 p. \$33.00.
67. Agrarian Reconstruction.
E.H. Jacoby. Freedom from Hunger Campaign Basic Studies No. 18.
1968, 82 p.
68. Agricultural and Horticultural Seeds.
FAO Agricultural Studies No. 55. FAO Plant Production and Protection
Series No. 12. 1961. 531 p. 1978, 2nd printing.
69. Agricultural Development; Soil, Food, People, Work.
Charles Edwin Kellogg. Madison, Wl., Soil Science Society of America,
1975. 233 p. \$8.75. LC 75-5204.

Journal of Soil and Water Conservation 31: 170 (Jul-Aug 1976). 1 2/3 col.
"Kellogg, a soil scientist, provides readers with an optimistic essay
about the process of agricultural development as viewed in mid-century...
As Kellogg says, 'This smallish book is intended for busy people who need
a view of the basic principles of agricultural development and the problem
and opportunities for it in a complex world'." (B.F. Stanton).

70. Agricultural Ecology: An Analysis of World Food Production Systems.
G.W. Cox and M.D. Atkins. Oxford: Freeman, 1979. iv, 721 p.;
diags, figs, ill, tabs, bibliogr., ind. 24 cm. ISBN 0 7167 1046 3.
\$25.00.

71. Agriculture Outlook.
J.E.H. Odiorne. Washington, U.S. Department of Agriculture, Economic
Research Service, 1975. 726 p. \$19.50. ISSN 0099-1066. LC 75-647210.

Contains reports on such topics as the general economy, world agriculture
and trade, transportation, farm income, food and marketing, etc. Also pro-
vides statistical indicators for farm income, farm prices, Wholesale and
Consumer Price Indexes, livestock and products, U.S. agricultural trade,
etc.

AGRICULTURE - GENERAL (Cont'd)

Books (Cont'd)

72. *Agricultural Potential of the Middle East.
M. Clawson, 1971. Elsevier.
73. Agricultural Production Functions.
E.O. Heady and J. Dillon. Iowa State U. Press, 1961. 667 p. \$8.95.
74. Agriculture: The Science and Practice of Farming. 11th edition.
J.A.S. Watson and J.A. More.
75. Animal Science. 6th edition.
M.E. Ensminger. Interstate, 1969. 1253 p. \$19.75.
76. Better Farming Series.
FAO Economic and Social Development Series No. 3. Published by arrangement with the Institut africain pour le developpement economique et social, B. P. 8008, Abidjan, Ivory Coast.
77. *Beyond the Furrow: Some Keys to Successful Farming in the Twentieth Century.
Hiram M. Drache. LC 76-29489. 1976. Repr. of 1858 edition. \$10.95.
ISBN 0-8134-1858-5. Interstate.
78. *Directory of Agricultural Education and Training Institutions in the Near East Region.
1976. pap. \$8.00. Unpub.
79. Elements of Agriculture: a textbook prepared under the authority of the Royal Agricultural Society of England. 15th edition.
W. Fream. London, Murray, 1977. 735 p. \$9.50.
80. Exploring Agriculture. 4th edition.
E.F. Evans and R.L. Donahue. Prentice-Hall, 1974. 471 p. \$10.60.
81. Farm Builders Handbook. 2nd edition.
R.J. Little. Structures Pub., 1973. \$20.00.
82. Five Acres and Independence: A Practical Guide to the Selection and Management of the Small Farm.
M.G. Kains. Dover, 1973. 397 p. pap. \$2.50.
83. *Insects & Mites Injurious to Crops in Middle Eastern Countries.
Abdul M. Talhouk. International Publications Service, 1969. pap. \$30.00.
84. International Conference on Mechanized Dryland Farming, Moline, Ill. and Great Falls, Mont., 1969. Proceedings.
W.C. Burrows, editor and others. Moline, Ill., Deere & Company, 1970.
344 p.

Sponsored by Deere & Company under the auspices of the Food and Agriculture Organization of the United Nations.

AGRICULTURE - GENERAL (Cont'd)

Books (Cont'd)

85. Introduction to Agricultural Systems.
C.R.W. Spedding. Applied Science Publs, 1979. ix, 169 p, tables,
figs, diagrs, index, bibliog. L4. ISBN: 0 853348235.
86. No Easy Harvest; The Dilemma of Agriculture in Underdeveloped Countries.
M.F. Millikan and D. Hapgood. Little, 1967. 178 p. \$5.75.
87. *Principles of Agronomy.
Lorentz C. Pearson. (Illus.). 1967.
88. Provisional Indicative World Plan for Agricultural Development: A Synthesis
and Analysis of Factors Relevant to World, Regional and Agricultural De-
velopment. 1970. 2 vols.

An analysis of the main issues that will be facing world agriculture in
the 1970s and early 1980s, and their effect on over-all economic and
social development.
89. *Report of the Fourteenth FAO Regional Conference for the Near East.
1979. pap. \$4.00. Unpub.
90. Review of Agricultural Policies: General Survey.
Paris: Organization for Economics Cooperation and Development, 1975.
91. *The Book of Agriculture.
Isaac Klein, editor. LC 49-9495. Yale Judaica Ser. 1979. text edition
\$42.50. ISBN 0-300-02223-9. Yale U. Pr.
92. Training for Agriculture and Rural Development. (In preparation)
93. Tropical and Subtropical Agriculture.
J.J. Ochse and others. Macmillan, 1961. 2V. \$35.00 Set, \$18.00 each.
94. World Agriculture: The Last Quarter Century.
World Food Problems Series No. 13. 1970, 42 p.
95. *World Atlas of Agriculture: Atlas; Europe, U.S.S.R., Asia Minor; South &
East Asia, Oceania; the Americas; & Africa.
5 vols. LC 73-78857. 1975.

AGRICULTURE - MISCELLANEOUS

Books

96. A Technical Glossary of Horticultural and Landscape Terminology.
Washington, D.C.; Horticultural Research Institute, Inc., 1971.
97. Adequate Wiring for Home and Farm.
E.W. Jones and J.L. Johnston. Bruce, 1956. 237 p. \$5.76.
98. *Agrarian Structure and Productivity in Developing Countries.
R. Albert Berry and William R. Cline. Baltimore; Johns Hopkins University Press, 1979.
99. *Agricultural Research in Developing Countries.
Food and Agriculture Organization of the United Nations. Rome; FAO, 1978. Volume 1: Research Institutions. Volume 2: Research Workers. Volume 3: Research Programs.
100. Animal Science. 7th edition.
M. Eugene Ensminger. Danville, Il., Interstate Printers and Publishers, 1977. 1047 p. \$26.00. LC 76-1512.
101. Beekeeping.
J.E. Eckert and F.R. Shaw. Macmillan, 1960. 536 p. \$12.50.
102. Beneficial Insects.
L.A. Swan. Harper, 1964. 429 p. \$7.95.
103. Desert Locust Project: Final Report.
1968. 142 pp. \$10.00.
- The purpose of the project was to develop more effective and less expensive control of the desert locust menace, which affects more than 40 countries. Includes recommendations.
104. Diseases Transmitted from Animals to Man. 5th edition.
T.G. Hull. Thomas, 1963. 967 p. \$17.75.
105. *Ecological Reclamation of Devastated Land. 2 vols.
New York, New York; Gordon & Beach Science Pubs., Inc., 1973.
106. Electricity on the Farm.
Donnelley. mon. \$4.50.
107. Farm Animal Health and Disease Control.
J.H. Galloway. Lea & Febiger, 1972. 373 p. \$14.50.
108. Farm Electrification.
R.H. Brown. McGraw-Hill, 1956. 367 p. \$11.95.
109. Farm Structures.
H.J. Barre and L.L. Sammett. Wiley, 1950. 650 p. \$16.75.

AGRICULTURE - MISCELLANEOUS
(Cont'd)

Books (Cont'd)

110. Farm Service Buildings.
H.E. Gray. McGraw-Hill, 1955. 458 p. \$11.95.
111. Field Biology and Ecology. 3rd edition.
A.H. Benton and W.E. Werner. McGraw-Hill, 1974. 480 pp. \$11.95.
112. Insect Pests of Farm, Garden, and Orchard. 7th edition.
Ralph Howard Davidson and W.F. Lyon. New York, Wiley, 1979. 596 p.
\$22.95. LC 78-31366.
113. *Landscape Vocabulary.
Warner L. Marsh. Los Angeles, California; Miramar Publishing Company,
1964.
114. *Multilingual Compendium of Plant Diseases, Viruses and Nematodes.
St. Paul, Minnesota; The American Phytopathological Society, 1977.
115. 1976 Training for Agriculture and Rural Development.
FAO Economic and Social Development Series No. 2, 1976. 144 pp.
1978, 2nd printing. Published jointly by FAO, ILO and UNESCO.
116. Modern Weed Control.
Alden Springer Crafts. Berkeley, Ca., University of California,
1975. 450 p. \$15.75. LC 74-76383.
117. Plants Propagation; Principles and Practices. 3rd edition.
D.E. Kester and H.T. Hartmann. Englewood Cliffs, N.J., Prentice-
Hall, 1975. 662 p. \$17.25.
- Economic Botany 29:391 (Oct-Dec 1975). 1 1/4 col. "No one who has
the slightest interest in propagating plants can be without this book
Explaining, through text and excellent illustrations, all phases of
seed, cutting, grafting, in vitro, and other methods of multiplying
plants, the appropriate chapters are models of clarity." (Richard
M. Klein).
118. Plant Virology; The Principles.
Adrian Gibbs and Bryan Harrison. New York, Wiley, 1976. 292 p.
\$42.50. LC 76-1924.
- BioScience 27:422 (Jun 1977). 2/3 col. "For a single-volume introduc-
tion to the study of plant viruses, this book has a unique breadth
of coverage. It includes up-to-date (1974/75) material, well-chosen
photographs, tables, laboratory procedures, and descriptions of viruses
that cause plant diseases... Well worth study by beginners as well as
by serious students of virology." (Karl Maramorosch).

AGRICULTURE - MISCELLANEOUS
(Cont'd)

Books (Cont'd)

119. Practical Farm Buildings.
J.S. Boyd. Interstate, 1973. 265 p. pap. \$5.95.
120. Principles of Plant Infection.
J.E. VanderPlank. New York, Academic, 1975. 216 p. \$16.00.
LC 74-10209.

BioScience 26:48 (Jan 1976). 1 col. "Carries on in the tradition of several earlier volumes and reflects many of the points of view found therein - points of view that have made highly worthwhile contributions to the science and art of plant pathology... The body of the text is fewer than 200 pages, yet many will find it slow going, particularly in the early chapters... The student just launched into a study program can profit from the insights provided here, perhaps even more than the long-experienced practitioner." (Russell B. Stevens).
121. Processing Equipment for Agricultural Products. 2nd edition.
Carl W. Hall and D.C. Davis. Westport, Connecticut; Avi, 1979.
122. Reader's Digest Illustrated Guide to Gardening.
London. Reader's Digest Association, Ltd., 1975. 656 p. \$8.95.
123. Rural Electrification.
Nat. Bur. Elect. Coop. Assoc. mon. \$5.00.
124. Rural Sociology.
Rural Sociol. Soc. Q. \$8.00.
125. Small Farm Implements.
H.J. Hopfen and E. Biesalski. FAO Agricultural Development Paper No. 32. FAO Agriculture Series No. 5. 1953. 79 pp. 1978, 2nd printing. \$3.50.

Describes principles governing the design of small farm implements on the basis of useful, simple hand tools and a very restricted selection of animal-drawn implements.
126. The Fruit of the Earth.
F. Bianchini and F. Corbetta. London, Cassell, 1975. 303 p. \$8.50.
127. The Genetic Basis of Epidemics in Agriculture, Vol. 287.
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304. Observations on the Goat.
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312. *Introduction to Organic Farming Methods and Organic Markets.
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320. Insecticide and Fungicide Handbook for Crop Protection. 5th edition.
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338. The Least is Best; Pesticide Strategy.
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339. Use and Significance of Pesticides in the Environment.
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342. *Application & Dispersal of Pesticides: A Report.
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351. Computations for Studies of Soil Fertility and Fertilizer Requirements.
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361. Soils and Other Growth Media.
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370. Soil, Water and Crop Production.
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374. Encyclopedia of Textiles. 2d edition.
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375. American Cotton Handbook. 3d edition. 2 v.
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376. Textile Manual.
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377. The Standard Handbook of Textiles. 8th edition.
A. J. Hall. London: Iliffe, 1975.

**AGRICULTURAL
ABSTRACTS & INDEXES**

ABSTRACTS AND INDEXES

378. Agrindex, 1975-

Rome, Apimondia (by arrangement with the Food and Agriculture Organization of the United Nations). Monthly. \$250 per annual cumulative index. At head of title- page: AGRIS International Information System for the Agricultural Sciences and Technology.

Covers 17 main classes: agriculture, economics, development and rural sociology, plant production, forestry, animal production, aquatic science and fisheries, food science, machinery and buildings, natural resources, human nutrition, pollution, among others.^{2,3}

379. American Bibliography of Agricultural Economics, 1971-

American Agricultural Economics Documentation Center. Quarterly.

Covers all aspects of agricultural economics such as marketing, policies and programs, products (demand, supply, price), food and consumer economics, foreign development, production, economics and farm management, regional and human development, resource economics, and general economics. Scope: restricted to literature published by U.S. and Canadian Agricultural Economists (author and subject indexes).¹

380. Animal Breeding Abstracts.

Great Britain: Commonwealth Agricultural Bureau.

Covers livestock with subsections on breeds, production, genetics, etc. Laboratory and other mammals, poultry and other birds, etc. Book reviews, proceedings, papers presented at meetings and annual reports included. (Author index; annual subject and geographical indexes).¹

381. Bibliography of Agriculture, 1942-

Phoenix, Arizona: Onyx Press. Monthly; cumulated annually. Formerly issued by U.S. National Agricultural Library.

Covers agriculture in general and allied sciences with such specific fields as dairy products, livestock feeding, soil science, field crops, animal science, food, human nutrition and home economics, forestry, insect pests and controls, weeds and herbicides, plant physiology and biochemistry, water resources, etc. List provided in preliminary pages of each issue and annual cumulation. Journal articles, pamphlets, government documents, proceedings, etc. are included. It provides access to documents of U.S. federal agencies, the FAO reports, state agricultural experiment stations and state extension services. (Subject, geographic, corporate and personal author indexes.) Probably the most valuable single tool in the field. Scope: International.^{1,2,3}

382. Biological and Agricultural Index, 1916 -

New York; H.W. Wilson Company. Monthly with annual cumulations.

An extremely wide range of subject material pertaining to agriculture, horticulture, bacteriology, ecology, microbiology, mycology, virology, and biology including chemicals, economics, animal husbandry, botany, entomology, genetics, soil science, etc. Scope: U.S. slanted, compared with Bibliography of Agriculture and Agrindex, and more selective at student and layman level.^{1,3}

ABSTRACTS AND INDEXES

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383. Dairy Science Abstracts, 1939-
Great Britain: Commonwealth Agricultural Bureau.

Covers husbandry, technology, economics, physiology, microbiology, etc.
Scope: International.¹
384. FAO Documentation - Current Bibliography.
Food and Agriculture Organization of the United Nations. Monthly. Free
of charge.
385. Food Science and Technology Abstracts, 1969-
Great Britain: International Food Information Service. Monthly.

Covers such areas as food microbiology, food engineering, food additives,
toxicology, engineering, processing, all human food commodities and aspects
of food processing and consumption of finished foods. The articles are
abstracted from over 1200 journals in 50 countries. Patents from 20 coun-
tries are included, and books are covered as well. As with CAB Abstracts,
an in-depth and informative abstract is provided. (Author and subject
indexes).^{1,2}
386. Forestry Abstracts, 1939-
Great Britain: Commonwealth Agricultural Bureau.

Broad coverage, including all aspects of forestry such as site factors,
biology, silviculture, harvesting, injuries and protection, mensuration,
management, economics, marketing, products and their utilization and so-
cial aspects such as history, land use, ownership, taxation and related
subjects. (Author index; annual author, subject, and geographical indexes.)
Scope: International.¹
387. Herbage Abstracts, 1931-
Great Britain: Commonwealth Agricultural Bureau.

Covers management of cultivated grasslands, rangelands, and fodder crops,
herbage plant varieties, productivity, chemical composition and nutritive
value for animals, agrometeorology, biology, physiology and ecology of
herbage plants, environmental contamination, etc. (Author index; annual
subject.) Scope: International.¹
388. Horticultural Abstracts, 1931-
Great Britain: Commonwealth Agricultural Bureau.

Covers research and its application, tree fruits and nuts, small fruits
and vines, vegetables, ornamental plants, minor industrial crops, planta-
tion crops; (broad headings subdivided by species and aspects of management).
Books, symposia, conference proceedings and annual reports included. (Author
index; annual subject index.) Scope: International.¹

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389. Land Tenure and Agrarian Reform in Africa and the Near East: An Annotated Bibliography, 1976-
Boston: G.K. Hall. Wisconsin University. Madison. Land Tenure Center Library.
- Lists and annotates books and articles in the Land Tenure Center Library, arranged geographically, with personal author, corporate author and subject indexes.
390. Plant Breeding Abstracts, 1930-
Great Britain: Commonwealth Agricultural Bureau.
- Covers genetics, cytology, crop plants, fibers, stimulants, fruits and nuts, forest trees, vegetables, etc. (Author index; annual subject indexes.) Scope: International.¹
391. Soils and Fertilizers, 1938-
Great Britain: Commonwealth Agricultural Bureau.
- Covers soil/plant relationships, use of fertilizers, plant nutrition, crop culture, etc. Scope: International.¹
392. Textile Technology Digest, 1944-
Institute of Technology Digest. Monthly.
- Covers all aspects of textile technology including yarn, fabric, fibers, and apparel, production, finishing, testing, mill management, the chemistry, physics and biology of fibers, yarns and fabrics and general information on research. Patents included, but separate from journal articles and books. (Author index; annual author, patent concordance, and subject indexes.) Scope: International.¹
393. Tropical Abstracts, 1953-
Amsterdam: Royal Tropical Institute. Monthly.
- Covers 5,952 indicative and informative abstracts; a major source of information in its field. (Author and subject indexes.)³
394. Weed Abstracts, 1952-
Great Britain: Commonwealth Agricultural Bureau.
- Covers weed control in annual field crops, grassland and herbage, vegetable crops, ornamentals, plantation crops, aquatic weeds, weed biology, the physiology and biochemistry of herbicides, their physical and chemical properties, methods of analysis, toxicology and interaction with soil and soil micro-organisms. Also, the methods used to apply them in crops and forestry. Scope: International.¹

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(Continued)

395. World Agricultural Economics and Rural Sociology Abstracts, 1959
Great Britain: Commonwealth Agricultural Bureau. Monthly; cumulated
annually. \$140.

Covers agricultural economics, policy, products, marketing and distribution, international trade, economics of production, education, extension and research, rural sociology, etc. (Author, subject and geographical indexes.) Scope: International.^{1,3}

396. World Textile Abstracts, 1969
The Shirley Institute. Semi-monthly.

Covers all aspects of fibers, yarns, fabrics, chemical and finishing processes, analysis, grading, testing, defects, laundering, dry-cleaning, related scientific and engineering aspects of textiles and the textile industry, as well as sociological, medical, educational aspects, and relevant general material. British and U.S. patents included but found at the end of each subject section. Entries continue the consecutive numbering of other citations. Conferences and trade journals as well as scholarly journals are covered. (Author, subject and numerical patent indexes.) Scope: International.¹

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2. "Current Survey of Reference Sources in Agriculture."
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September 1979).
3. Walford's Guide to Reference Material. Volume I: Science and Technology.
Fourth edition. Edited by A. J. Walford. London: The Library Asso-
ciation, 1980.