I. The Libraries’ Support the Mission of the Department

“Environmental Horticulture promotes personal and professional development through horticulture research and education. Our work fosters environmental stewardship while improving human health, quality of life and economic well being. Faculty expertise includes plant physiology, genetics, plant breeding, pest management, fruit and vegetable crops, arboriculture, floriculture and turfgrass management.” This text is from the department’s website.

The Turfgrass major specifies courses in turfgrass management, pathology of turf and ornamental plants, agricultural mechanization, personnel management, soil fertility, soil microbiology, weed control, and park and recreation management. Graduates pursue careers in professional lawn-care; maintenance of parks, athletic fields, and golf courses; production and sale of seed, sod, supplies, and equipment; or service as technicians for businesses or government agencies.

Description of Primary and Secondary Users:
A. Students
the degrees offered in the Environmental Horticulture Department are:
the B.S. degree in horticulture
the B.S. degree in turfgrass
The department participates in interdepartmental programs awarding the Master of Science and Doctor of Philosophy degrees with a major in plant and environmental science, genetics, and in food technology.

B. Other users of the collection include students in landscape architecture, those taking botany or crop courses, and non-horticultural and community users who have an interest in plants, shrubs, pests, gardening, fruiting plants and ornamental trees.

II. Scope of Accessed Information

A. Formats

1. Material purchased will primarily be English language sources: books, journals, handbooks, manuals, and encyclopedias – all in digital format, if available and affordable. Scholarly, technical, and professional treatments are emphasized but a popular treatment of a subject is not excluded.

The following materials will be excluded unless there is a specific need expressed.

- Workbooks
- Computer software
- Rare materials
- Textbooks

The material purchased will be current unless there is a specific request and need for historically important works. DVDs will be collected upon request.
B. Geographic Guidelines
Materials purchased will have an emphasis on horticulture and turfgrass management in the United States but materials may also be purchased from Great Britain and Canada. In the area of landscape gardening, photographic collections of gardens from other countries will be collected. Landscape architecture’s degree program is not a part of the Environmental Horticulture Department but landscape gardening is of interest to horticultural students and faculty.

C. Other
No horticultural subject is completely excluded.

D. Journals
Access to the present core collection of journals will be maintained if possible, and, as funds allow, new journals requested by faculty or grad students will be considered. Online access will be purchased if available. The plant sciences are intricately intertwined and many journals from plant pathology, genetics, physiology, molecular biology, and biochemistry are important to horticulture and turfgrass students.

Acta horticulturae
American fruit grower
Australian journal of grape & wine research
American nurseryman
Compact fruit tree
SA fruit journal
Euphytica
European journal of plant pathology
Fruit varieties journal
Journal American Pomological Society
Horticultural reviews
Horticulture week
HortScience
HortTechnology

The journal of horticultural science & biotechnology
Journal of the American Pomological Society
Journal of the American Society for Horticultural Science
Molecular breeding
Plant growth regulation
Scientia horticulturae
Theoretical and applied genetics

E. Important Indexes and Abstracts to be retained if financially possible.
BIOSIS (part of Web of Knowledge)
Web of Science (part of Web of Knowledge)
BioOne Abstracts & Indexes
TOXLINE

AGRICOLA (part of Web of Knowledge)
Environmental Science and Pollution Management
Turfgrass Information File
Biological & Agricultural Index

F. Weeding Guidelines
Monographic materials, with an imprint of 1995 or earlier, which have not circulated in the last ten years, will be reviewed for weeding. If a book has not circulated and is historically important, our Special Collections Unit will be asked to consider housing it. For other important or rare books, remote storage can be considered.

Books may also be discarded if the physical condition of the book is such that it cannot be used effectively. If such a book is important for the collection, a replacement copy will be purchased.

III. Collection Analysis by Subject and Level of Collecting
A. The following subject areas fall into horticulture under the Library of Congress subject headings. The subjects in **bold** will be collected at the undergraduate level, since there is no graduate degree in horticulture or turfgrass, although some of these materials support degrees in Plant and Environmental
Sciences, and Soils and Sustainable Crop Systems. Materials in the other areas will be selected sparingly to supply for casual use by community and university patrons.

Subclass SB
SB1-1110 Plant culture
   SB39 Horticultural voyages, etc.
   SB71-87 History
   **SB107-109 Economic botany**
   SB109.7-111 Methods for special areas
      Including cold regions, dry farming, tropical agriculture
   **SB112 Irrigation farming**
   SB113.2-118.46 Seeds. Seed technology
   SB118.48-118.75 Nurseries. Nursery industry
   SB119-124 Propagation
      Including breeding, selection, grafting, air layering
   SB125 Training and pruning
   SB126 Artificial light gardening
   **SB126.5-126.57 Hydroponics. Soilless agriculture**
   SB127 Forcing
   SB128 Growth regulators
   SB129-130 Harvesting, curing, storage
   SB169-172.5 Tree crops
   SB175-177 Food crops
   SB183-317 Field crops
      Including cereals, forage crops, grasses, legumes, root crops, sugar plants, textile plants, alkaloidal plants, medicinal plants
   SB317.5-319.864 Horticulture. Horticultural crops
   SB320-353.5 Vegetables
   SB354-402 Fruit and fruit culture
      SB381-386 Berries and small fruits
      SB387-399 Grape culture. Viticulture
      SB401 Nuts
   SB403-450.87 Flowers and flower culture. Ornamental plants
   **SB406.7-406.83 Plant propagation**
   SB409-413 Culture of individual plants
   SB414 Forcing
   **SB414.6-417 Greenhouses and greenhouse culture**
   SB418-418.4 Container gardening
   SB419-419.3 Indoor gardening and houseplants
   SB419.5 Roof gardening. Balcony gardening
   **SB421-439.8 Classes of plants**
      Including annuals, climbers, ferns, lawns, perennials, shrubs
   SB441-441.75 Flower shows. Exhibitions
   SB442.5 Care and preparation of cut flowers and ornamental plants for market
   SB442.8-443.4 Marketing. Cut flower industry. Florists
   **SB446-446.6 Horticultural service industry**
   SB447 Preservation and reproduction of flowers, fruits, etc.
   SB447.5 Bonkei. Tray landscapes
   SB449-450.87 Flower arrangement and decoration
   **SB450.9-467.8 Gardens and gardening**
   SB469-(476.4) Landscape gardening. Landscape architecture
SB481-486 Parks and public reservations  
  Including theory, management, history
SB599-990.5 Pests and diseases
  SB608 Individual or types of plants or trees
  SB610-615 Weeds, parasitic plants, etc.
  SB617-618 Poisonous plants
  SB621-795 Plant pathology
SB818-945 Economic entomology
SB950-990.5 Pest control and treatment of diseases. Plant protection
  SB950.9-970.4 Pesticides
  SB973-973.5 Soil disinfection
  SB974-978 Organic plant protection. Biological control
  SB979.5-985 Inspection. Quarantine
SB992-998 Economic zoology applied to crops. Agricultural zoology
  Including animals injurious and beneficial to plants

IV. Access to Information Not On-site
A. Interlibrary Loan
  R.M. Cooper Library provides free interlibrary loan (ILL) service to students, faculty, and staff. For material in book format, we have access to the Pascal Delivers service that allows users to search other South Carolina libraries for the material needed.

B. Commercial Document Suppliers
  At the discretion of the subject librarian, other commercial suppliers will be used as well.

V. Selection Tools
A. The faculty, students, and staff in the Department of Environmental Horticulture are the most valuable resource in finding what needs to be purchased. By looking at the areas of research, and classes being taught in the Department of Environmental Horticulture, one will gain insight into what resources need to be purchased.

B. Review Sources
  Horticultural journals
  Gardening journals
  Golf/Turfgrass magazines and journals
  List of courses being taught by the department in the Undergraduate and Graduate Announcements.

C. An approval plan, as the Libraries can afford it, including university presses.

D. Publishers' catalogs, these among others.
  Prentice Hall
  CAB International
  Rodale Press
  Elsevier Science Publishing
  Wiley
  Macmillan
  Society Publications

VI. Evaluation Tools
A. Circulation Reports
B. ISI’s Journal Citation Reports
C. If students, staff, and faculty are frequently requesting resources through ILL or Pascal that we do not own, access to these materials may need to be procured.
D. By talking with faculty and students, one can determine if the material needed is available in a timely manner.

VII. Collection Assessment and Planning
   A. Qualitative Measures.
      1. The information access policy for this department will be reviewed every five years.
      2. Appropriate bibliographies will be checked against our holdings.
      3. Benchmarking projects. As funds and resources become available, we can measure our holdings and access against those of our benchmark universities.
   B. Quantitative Measures
      1. Interlibrary Loan Activities will be monitored to see what areas we are lacking and what type materials are being requested most and by whom.
      2. Circulation Statistics will be reviewed to see which areas of the collection are most heavily used.
      3. Those databases that can supply statistics on use and articles downloaded will be asked to supply that data so that one can evaluate the value of the database and journals provided to our students, staff, and faculty.
   C. Again, keeping track of the courses taught in the Environmental Horticulture Department can also help determine what materials to purchase and helps in the planning.