I. Purpose
   a. Objective
      Clemson University Libraries’ horticulture collection is developed to support the undergraduate Bachelor of Science degree offered by the Department of Plant and Environmental Sciences in the College of Agriculture, Forestry, and Life Sciences. The collection supports the curricular and research needs of students and instructional and research needs of faculty.

   b. Curriculum supported
      i. B.S. in Horticulture
         Undergraduates engage in a flexible program of study that prepares students for a broad spectrum of employment opportunities in the public and private sectors. Creative inquiry and internship experiences provide students with the opportunity to further explore areas of interest.

   c. Primary users
      The primary users are undergraduates students from the College of Agriculture, Forestry, and Life Sciences who are majoring in Horticulture. Faculty, staff, and extension agents affiliated with Horticulture are also considered primary users.

   d. Secondary users
      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 the Collection
The collection is housed between Cooper Library and Offsite Storage, with the exception of some materials available in a stable online format. Collecting efforts are aimed at maintaining a well-rounded collection, with special strengths in the areas of current research at Clemson University and in areas where degrees are given, but which also provides materials for undergraduates in all areas of Horticulture and which will in the future provide an adequate basic collection as research interests change.

   a. Format guidelines
      Monographic material will be purchased in print and/or electronic format. Journals, handbooks, manuals, and encyclopedias will be in electronic format, if available. DVDs will be purchased as requested by the faculty.
b. Language guidelines
   Primarily English-language materials will be selected. If materials in other languages are
   collected they must generally contain information not readily available in English.

c. Geographical guidelines
   Materials purchased will have an emphasis on horticulture 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 Plant &
   Environmental Sciences Department, but landscape gardening is of interest to
   horticultural students and faculty.

d. Chronological guidelines
   Most books considered for purchase are current; materials published prior to the most
   recent five years are purchased very selectively.

e. Types of materials excluded
   The following materials will be excluded unless there is an extraordinary need and/or a
   specific request:
   i. Workbooks
   ii. Computer software
   iii. Rare materials
   iv. Textbooks

III. Subject Classifications Collected
    Primary Subject Classifications:
    Economic botany                           SB 107 – SB 109
    Irrigation farming                        SB 112
    Seeds. Seed technology.                   SB 113.2 – SB 118.46
    Nurseries. Nursery industry.              SB 118.48 – SB 118.75
    Propagation                              SB 119 – SB 124
       Including breeding, selection, grafting, air layering
    Hydroponics. Soilless agriculture         SB 126.5 – SB 126.57
    Forcing                                  SB 127
    Growth regulators                        SB 128
    Harvesting, curing, storage              SB 129 – SB 130
    Tree crops                               SB 169 – SB 172.5
    Food crops                               SB 175 – SB 177
    Field crops                              SB 183 – SB 317
       Including cereals, forage crops, grasses, legumes, root
       crops, sugar plants, textile plants, alkaloidal plants,
       medicinal plants
    Horticulture. Horticultural crops         SB 317.5 – SB 319.864
    Vegetables                               SB 320 – SB 353.5
    Fruit and fruit culture                   SB 354 – SB 402
Berries and small fruits SB 381 – SB 386
Grape culture. Viticulture SB 387 – SB 399
Plant propagation SB 406.7 – SB 406.83
Greenhouses and greenhouse culture SB 414.6 – SB 417
Classes of plants SB 421 – SB 439.8
  Including annuals, climbers, ferns, lawns, perennials, shrubs
Horticultural service industry SB 446 – SB 446.6
Gardens and gardening SB 450.9 – SB 467.8
Landscape gardening. Landscape architecture SB 469 – SB 476.4
Parks and public reservations SB 481 – SB 486
  Including theory, management, history
Pests and diseases SB 599 – SB 990.5
Individual or types of plants or trees SB 608
Weeds, parasitic plants, etc. SB 610 – SB 615
Poisonous plants SB 617 – SB 618
Plant pathology SB 621 – SB 795
Economic entomology SB 818 – SB 945
Pest control and treatment of diseases. Plant protection SB 950 – SB 990.5
  Pesticides SB 950.9 – SB 970.4
  Soil disinfection SB 973 – SB 973.5
  Organic plant protection, Biological control SB 974 – SB 978
  Inspection. Quarantine SB 979.5 – SB 985
Economic zoology applied to crops. Agricultural zoology. SB 992 – SB 998

Related Classifications
Plant Culture SB 1 – SB 1110
  Horticultural voyages, etc. SB 39
  History SB 71 – SB 87
Methods for special areas SB 109.7 – SB 111
  Including cold regions, dry farming, tropical agriculture
  Training and pruning SB 125
  Artificial light gardening SB 126
  Nuts SB 401
  Flowers and flower culture. Ornamental plants. SB 403 – SB 450.87
  Culture of individual plants SB 409 – SB 413
  Forcing SB 414
  Container gardening SB 418 – SB 418.4
  Indoor gardening and houseplants SB 419 – SB 419.3
  Roof gardening. Balcony gardening. SB 419.5
  Flower shows. Exhibitions SB 441 – SB 441.75
  Care and preparation of cut flowers and ornamental plants for market SB 442.5
  Marketing. Cut flower industry. Florists SB 442.8 – SB 443.4
  Preservation and reproduction of flowers, fruits, etc. SB 447
  Bonkei. Tray landscapes SB 447.5
IV. **Core Horticulture Journals**
- Acta Horticulturae
- American Fruit Grower
- Australian Journal of Grape and Wine Research
- Euphytica
- European Journal of Plant Pathology
- Fruit Varieties Journal
- Horticultural Reviews
- Horticulture Week
- HortScience
- HortTechnology

- Journal of Horticulture Science and Biotechnology
- Journal of the American Society for Horticultural Science
- Molecular Breeding
- Plant Growth Regulation
- Postharvest Biology and Technology
- Proceedings of the American Society for Horticultural Science
- Scientia Horticulturae
- Theoretical and Applied Genetics

V. **Core Horticulture Databases and Indexes**
- AGRICOLA
- Biological and Agricultural Index Plus
- BioOne Complete
- BIOSIS
- Environment Abstracts
- TOXLINE
- Web of Science

VI. **Access to Information not Available On-site**
   a. Remote Storage
      Online request forms and document delivery enable access to materials in Clemson Libraries’ remote storage facilities within 24 business hours.

   b. Interlibrary Loan
      The primary access point for journals and secondary access point for books not owned or accessible by Clemson Libraries will be Interlibrary Loan. This service is free to Clemson University students, faculty, and staff.

   c. PASCAL Delivers
      The primary access point for books not owned or accessible by Clemson Libraries will be PASCAL Delivers. This service provides access to books owned by other academic libraries in the state of South Carolina and is free to Clemson University students, faculty, and staff.

VII. **Selection Tools Used**
   a. Faculty and student requests and recommendations
   b. Course syllabi
   c. Major Horticulture journals
   d. Publishers’ websites and catalogs
   e. An approval plan
   f. GOBI online database
VIII. Deselection Guidelines
Monographic material, with an imprint of 15 years ago or earlier, which has not circulated for the last ten years, will be reviewed for deselection. Statistical reports are available for review of these titles. Due to the need to maintain materials for historical research and/or reference, older materials may be kept even if they have not circulated recently. If a book has not circulated and is historically important, Special Collections will be asked to house it. If Special Collections does not take the item, storage will be considered if the item is rare or unique to Clemson.

IX. Evaluation Tools
a. Circulation, recall, internal use
b. Interlibrary Loan and PASCAL Delivers requests
c. Journal Citation Reports

X. Collection Assessment and Planning
a. Qualitative Measures
   i. The information access policy for this department will be reviewed every five years.
   ii. Appropriate bibliographies will be checked against our holdings
   iii. Benchmarking projects, to be determined
b. Quantitative Measures
   i. Interlibrary Loan activities will be monitored to see what subject areas are lacking and what type of materials are most requested.
   ii. Circulation statistics, for both print and electronic resources, will be reviewed to see which areas of the collection are most heavily used.
   iii. Keeping track of new research grants undertaken and the new courses taught in the Horticulture Department can also help determine what materials to purchase and helps in the planning.