

Floriculture (2023)

Synthesize the history of floriculture. [AFNR.HS.16.1](#)

- a** Explain the evolution of floriculture throughout history and describe how history has influenced today's floriculture. [AFNR.HS.16.1.A](#)
- b** Compare and contrast the three levels of the floriculture industry (grower, wholesaler, and retailer). [AFNR.HS.16.1.B](#)
- c** Analyze today's world floral production and marketing methods and trends. [AFNR.HS.16.1.C](#)

Summarize key aspects of floral botany and processing. [AFNR.HS.16.2](#)

- a** Identify male and female parts of the flower and their functions. [AFNR.HS.16.2.A](#)
- b** Evaluate the function of the plant stem and its post-harvest physiology. [AFNR.HS.16.2.B](#)
- c** Recognize the inflorescence types and leaf form and their purpose. [AFNR.HS.16.2.C](#)
- d** Distinguish the roles of plant processes as they relate to cut plant materials. [AFNR.HS.16.2.D](#)
- e** Identify harvesting techniques and procedures used to cut quality materials and design a procedure for proper processing and storage. [AFNR.HS.16.2.E](#)

Summarize the proper function and use of floral materials and tools. [AFNR.HS.16.3](#)

- a** Identify the common tools used in various methods of floral arranging and demonstrate correct and safe use of floral tools. [AFNR.HS.16.3.A](#)
- b** Identify common wire and ribbon sizes for various applications. [AFNR.HS.16.3.B](#)
- c** Explain special considerations (occasion and season) for selection of proper materials (e.g., ribbon, containers). [AFNR.HS.16.3.C](#)

Classify common floriculture plants. [AFNR.HS.16.4](#)

- a** Identify the major plants used in the floriculture industry by common and scientific names. [AFNR.HS.16.4.A](#)
- b** Categorize major plants based on their use in floriculture (cut flower and/or foliage plants, potted flowering and/or foliage plants). [AFNR.HS.16.4.B](#)
- c** Differentiate the uses of plants in a design: line, form, filler, foliage. [AFNR.HS.16.4.C](#)

Synthesize principles of floral design. AFNR.HS.16.5

a Identify the importance of floral design principles (e.g., color, design, line, texture, balance, focal point). AFNR.HS.16.5.A

b Evaluate an arrangement based on design principles. AFNR.HS.16.5.B

c Analyze current design trends that exist in the floral industry. AFNR.HS.16.5.C

d Create a floral arrangement using design principles and materials to meet a specific occasion and budget. AFNR.HS.16.5.D

e Delineate between wholesale and retail pricing of raw materials. AFNR.HS.16.5.E