

# 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

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

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

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

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