

Small Animal Management (2021-)

Analyze best-practice protocols based upon animal behaviors for animal husbandry and welfare. [AFNR.HS.28.1](#)

- a** Describe and demonstrate management techniques that ensure animal welfare. [AFNR.HS.28.1.A](#)
- b** Identify and categorize tools, technology, and equipment used in small animal management to ensure animal welfare (e.g., feeding, handling, grooming). [AFNR.HS.28.1.B](#)
- c** Evaluate safety procedures and plans for working with animals by species using information based on animal behavior and responses. [AFNR.HS.28.1.C](#)

Design and provide proper animal nutrition to achieve desired outcomes for performance, development, reproduction, and/or economic production. [AFNR.HS.28.2](#)

- a** Analyze the nutritional needs of small animals in different growth stages and production systems. [AFNR.HS.28.2.A](#)
- b** Examine and summarize the purpose of various components of animal food labels and feeding directions. [AFNR.HS.28.2.B](#)
- c** Create a designated feeding and nutrition plan for small animals based on nutritional requirements. [AFNR.HS.28.2.C](#)

Apply principles of animal reproduction to achieve desired outcomes for performance, development, and/or economic production. [AFNR.HS.28.3](#)

- a** Identify and differentiate between the needs of breeding animals based on their growth stages (e.g., newborn, lactation, gestation). [AFNR.HS.28.3.A](#)
- b** Demonstrate how to determine probability trait inheritance in animals. [AFNR.HS.28.3.B](#)
- c** Select and evaluate breeding animals and determine the probability of a given trait in the offspring. [AFNR.HS.28.3.C](#)

Evaluate environmental factors affecting performance and implement procedures for enhancing performance and animal health. [AFNR.HS.28.4](#)

- a** Differentiate between the types of facilities needed to house and produce small animal species safely and efficiently. [AFNR.HS.28.4.A](#)
- b** Identify and summarize the general requirements that must be met in facilities for animal housing and production. [AFNR.HS.28.4.B](#)
- c** Design animal housing, equipment, and handling facilities focusing on animal requirements, economic efficiency, sustainability, safety, and ease of handling. [AFNR.HS.28.4.C](#)

Apply principles of effective animal health care to the management of small animals. [AFNR.HS.28.5](#)

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- a Identify and describe common illnesses and disorders of small animals based on symptoms and problems caused by wounds, diseases, parasites, and physiological disorders.** [AFNR.HS.28.5.A](#)

 - b Describe and demonstrate the proper use and function of specific tools and technology related to small animal health management.** [AFNR.HS.28.5.B](#)

 - c Research and analyze procedures at the local, state, and national levels to ensure biosecurity of the animal industry.** [AFNR.HS.28.5.C](#)

 - d Develop a biosecurity plan and procedures to prevent the spread of disease in small animals.** [AFNR.HS.28.5.D](#)