Nebraska CTE

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, getstation). 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 he	**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 esign animal housing, equipment, and handling facilities focusing on animal equirements, economic efficiency, sustainability, safety, and ease of andling. AFNR.HS.28.4.C

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Apply principles of effective animal health care to the management of small animals. AFNR.HS.28.5

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