

1. Which of the following is a natural hormone found in growth-promoting implants?

- A. antibiotic
- B. progesterone
- C. trenbolone acetate
- D. zeranol

2017

(CEV Meat Science & Food Safety slide #29)

2. Estradiol, Progesterone, and Testosterone are examples of gender-based ____.

- A. Antibiotics
- B. Beta-agonists
- C. Hormones
- D. Sterols

2013

(CEV Meat Science & Food Safety slide #29)

3. Growth-promoting implants decrease feed efficiency.

- A. True
- B. False

2015

(CEV Meat Science & Food Safety slide #28)

4. Growth-Promoting Implants are NOT approved for use in which species?

- A. Hormonal implants are approved for use in all species.
- B. Cattle
- C. Sheep
- D. Swine

2018

(CEV Meat Science & Food Safety slide #30)

5. Due to regulations concerning BSE, downer cattle cannot be harvested for human or animal consumption. What is BSE?

- A. Bovine Spondilosis Endoscopy
- B. Bovine Spongiform Encephalopathy
- C. Breed Sporozoite Encephalopathy
- D. Breed Sustained Embryotomy

2018

(CEV Meat Science & Food Safety slide #39)

6. What is the prescribed period of time the meat animal must not have received any compound or drug pre-harvest? This will allow ample time for the drug to pass through the animals system.

- a. Residual Period
- b. Withdrawal Period
- c. Processing Period
- d. Adulteration Period

2021

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7 46. Growth promoting implants are permitted to be used in

- a. Turkeys
- b. Cattle
- c. Swine
- d. Chickens

2021

slide 31

8 47. Growth-promoting implants are approved for use to be placed in the ear of swine.

- a. True
- b. False

2019

(CEV Meat Science & Food Safety slide #31)

9 48. In order to aid in evisceration and reduce microbial contamination, feed is withheld from animals ___ prior to slaughter.

- A. 6 hours
- B. 12 hours
- C. 1 day
- D. 2 days

2018

(CEV Meat Science & Food Safety slide #37)

10 49. What is a synthetic chemical that shifts nutrients away from fat production to the promotion of lean muscle growth?

- A. Antibiotic
- B. Beta-agonist
- C. Growth-Promoting Implant
- D. Zeranol

2018

(CEV Meat Science & Food Safety slide #31)

11 50. Due to regulations concerning BSE, downer cattle cannot be harvested for human or animal consumption. What is BSE?

- A. Bovine Spondilosis Endoscopy
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2017

(CEV Meat Science & Food Safety slide #39)

12 51. What is a synthetic chemical that shifts nutrients away from fat production to the promotion of lean muscle growth?

- A. Antibiotic
- B. Beta-agonist
- C. Oleoresin
- D. BHA

2017

(CEV Meat Science & Food Safety slide #31)

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13. All of the following are true about water in the meat industry EXCEPT

- A. Water aids in evisceration
- B. Water is essential to all life processes
- C. Water makes hide removal more difficult
- D. Water must be provided to livestock through the life cycle until the point of harvest

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14. Water is withheld from animals for _____ hours prior to slaughter.

- a. 1
- b. 12
- c. 48
- d. 0. Water is not withheld prior to slaughter

15. Which of the following are synthetic chemicals which shift nutrients away from fat production to the promotions of lean muscle growth?

- A. Antibiotics
- B. Beta-agonists
- C. Gama-hormones
- D. Growth-Promoting Implants

(CEV Meat Science & Food Safety slide #31)

16. What are used to prevent and treat illness in livestock animals?

- A. Antibiotics
- B. Beta-agonists
- C. Growth-promoting implants
- D. Triglycerides

CEV Meat Science & Food Safety slide #32)

17. In the United States, growth-promoting implants are approved for use in

- A. Cattle and sheep
- B. Cattle and Swine
- C. Poultry
- D. Sheep and Swine

(CEV Meat Science & Food Safety slide #30)

18. Ractopamine hydrochloride and zilpaterol hydrochloride are examples of what?

- a. Beta-agonists
- b. Growth hormones
- c. Antioxidants
- d. Cure accelerators

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1. Immediately preceding harvest, the meat animal must not have received a compound or drug. What is the term for this prescribed period of time?
- A. Extraction Period
 - B. Prescribed Period
 - C. Waiting Period
 - D. Withdrawal Period

2015

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2. What are the amounts of a drug, antibiotic or hormone left behind in a product after the withdrawal period has passed?
- A. Enduring Amounts
 - B. Lingering Effects
 - C. Residual Levels
 - D. Residual Stages

2015

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3. Why are non-ambulatory or "downer" cattle not allowed to be harvested for consumption?
- a. Humane handling concerns
 - b. Lack of equipment to move animals
 - c. Microbial food safety concerns
 - d. Bovine Spongiform Encephalopathy

2021

slide 40

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4. Which of the following is TRUE about the relationship between adverse weather conditions and livestock rate of gain?
- A. In very cold weather, animals consume less feed, increasing gain.
 - B. In very cold weather, animals consume less feed, reducing gain.
 - C. In very hot weather, animals consume less feed, reducing gain.
 - D. In very hot weather, animals consume more feed, increasing gain.

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5. Generally, which statement is true of adverse weather conditions on livestock?
- A. Extreme weather conditions have no effect on livestock feed consumption.
 - B. In exceptionally cold weather, animals will consume less feed.
 - C. In exceptionally hot weather, animals will consume less feed.
 - D. In exceptionally hot weather, animals will consume more feed.

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