

# *Thrifty Homesteader*

## Goat Nutrition Quiz

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1. A faded coat is a symptom of which deficiency?
  - a. Vitamin E
  - b. Selenium
  - c. Copper
  - d. Cobalt
2. If a doe has a retained placenta, which mineral might she be deficient in?
  - a. Zinc
  - b. Selenium
  - c. Copper
  - d. Cobalt
3. Which mineral deficiency is indicated when a goat is foaming at the mouth?
  - a. Cobalt
  - b. Selenium
  - c. Zinc
  - d. Copper
4. If a goat is showing signs of selenium deficiency but has been given a BoSe injection with no positive response, what is it likely deficient in?
  - a. Copper
  - b. Zinc
  - c. Vitamin E
  - d. Cobalt
5. If you have several does that are not coming into heat or getting pregnant, which mineral do they need?
  - a. Cobalt
  - b. Copper
  - c. Zinc
  - d. Selenium
6. Which of the following can cause copper deficiency, even if you are providing a free choice mineral?
  - a. Sulfur in well water
  - b. Iron in well water
  - c. Calcium in well water
  - d. Molybdenum in alfalfa
  - e. All of the above

## Answers

1. A faded coat is a symptom of copper deficiency.
2. A retained placenta is a symptom of selenium deficiency.
3. A goat that is zinc deficient may foam at the mouth and lose large chunks of hair.
4. Symptoms of vitamin E deficiency are almost identical to symptoms of selenium deficiency, and BoSe is not a therapeutic vitamin E supplement. It contains less than a goat needs in a single day.
5. Severe copper deficiency can result in goats that do not come into heat, have silent heats, do not get pregnant, cannot stay pregnant, or give birth to stillborn kids.
6. All of the above can cause copper deficiency. Those minerals are copper antagonists, so if goats consume too much, it binds with the copper, making it unavailable, which means goats will become copper deficient.

*To learn more about goat nutrition, you can find articles about all of these nutrients on [www.ThriftyHomesteader.com](http://www.ThriftyHomesteader.com)*

This information is provided for educational purposes only and is not meant to replace the services of a qualified veterinarian.