May 11, 2019 & May 25, 2019

Down on the (Cricket) Farm

Article-Based Observation, Q

Directions: After reading the article "<u>Down on the (cricket) farm</u>," answer the questions that your teacher assigns.

Science content

1. What is Ovipost and what is its goal?

2. Why is large-scale insect farming challenging?

3. Name one specific challenge Ovipost is trying to address and explain how.

4. Why are people interested in farming insects for human food? What happened in 2013 that altered the insect farming industry in the United States?

5. How many insects are considered edible? Why are some more environmentally friendly to farm than others?

Reading graphs

6. According to the graph and caption "Power protein," how does the protein content of the insects shown compare with beef and fish? Explain your answer.

7. What does the "Gentler farming?" graph show? Explain the information presented on the x-axis and y-axis, including the units provided. Give an example of a quantitative data point that can be drawn from the graph.

8. What is one conclusion that you can you draw from the "Gentler farming?" graph about the efficiency of cricket farming in Thailand? Make sure the graph supports your answer.

Style and language

9. List and explain two ways the author uses imagery to describe current insect farming and insect farms.

10. List and explain one way the author uses imagery to describe future insect farms.