

Chapter 11 review Questions - Thorough notes also acceptable.

1. Case Study - Food For China

What are some of the key concerns threatening China's chances to feed the Chinese in the future. (Many are listed, pick the ones that seem most important to you).

2. What percentage of world land is currently used for agriculture? How does this differ from place to place?

3. What appears to be the key to food production in the future? What are some ways this may be accomplished?

4. Describe the two ways in which humans can "starve?"

5. Where in the world are the places where people are suffering the most from undernourishment.

6. How much food would be required for food aid to help meet the nutritional needs of the world? Why is food aid not the best solution to future food supply problems?

7. What crops provide most of the world's food supply?

8. What is forage?

9. What kinds of animals contribute most to world food supply?

10. What is the difference between Rangeland and Pasture?

11. What is aquaculture and what kinds of foods are currently produced this way?

12. What is mariculture and what kinds of foods are currently produced this way?

13. Summarize the ways in which agroecosystems differ from natural ecosystems.

14. What is a limiting factor and what makes this a complicated question?

15. What are some key differences between the three types of agriculture shown in the figure on page 206?

16. Describe the key elements of traditional farming as presented in A Closer Look 11.1 on page 207.

17. What are some of the potential applications of using genetic technology to modify crops?

18. What are some ways in which climate change may affect agriculture in the future?