

Chapter 12 review activities

1. Be sure you know all the terms
2. What are the major environmental problems that result from agriculture?
3. What was “The Dust Bowl” and what caused it?
4. Why does the amount of organic material decline in farmed land?
5. What are some drawbacks of organic fertilizers?
6. What problems are caused by sediments?
7. Describe some ways to make soils sustainable.
8. Describe the major agricultural pests and what they do.
9. Describe the history of pesticides - bullet or outline form is good. (hint - there are four stages)
10. Describe some of the main methods used in IPM.
11. What happens to pesticides after they are applied (see Monitoring Pesticides in the environment)?
12. Describe the three methods used in the genetic modification of organisms.
13. Contrast traditional and industrialized use of grazing and rangelands.
14. How have animals (not a real word) been spread around the earth and what effects has this had?
15. What are some of the effects of overgrazing?
16. What are the causes of desertification?
17. How can desertification be prevented?
18. Describe some effects farming has on the biosphere.