STUDY GUIDE

Unit 4 Test: Food and Soil Resources

STEM II

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Which region of the world has the most certified organic foods?
2. Over the past half-century, how has meat production changed in the US?
3. How far in miles on average does US food travel from where it is grown/raised to your plate?
4. Describe the green revolution.
5. Describe the second green revolution.
6. List the 3 sources that make up almost half of the world’s food calories.
7. Define monoculture.
8. Define polyculture.
9. Describe the conditions necessary for desertification.
10. Define obesity.
11. Define undernutrition.
12. Define malnutrition.
13. List several natural causes of soil erosion.
14. List 2 disadvantages to using pesticides.
15. What percent of the US income is spent on food?
16. What percent of genetic diversity of crops has been lost since 1900?
17. Define green manure.
18. Define compost.
19. Define organic fertilizer.
20. List several cropping techniques that reduce soil erosion.
21. Briefly describe IPM or integrated pest management.
22. Approximately how much of the US population is overweight?
23. List two negative effects of irrigation listed during this unit.
24. Which two countries have the most undernourished people?
25. What is the world’s fastest growing type of food production?
26. List two of the three elements listed that make up organic agriculture.
27. List two major causes of erosion other than farming and flowing water.
28. List two elements of IPM.
29. List two elements that go into industrialized/high input agriculture, besides money and heavy equipment.
30. List two elements of the “green revolution”.
31. What powers traditional/low input agriculture?