

## **Vocabulary to Know**

### **Column 1**

Organic agriculture  
Agriculture  
Primary economic activity  
Secondary economic activity  
Tertiary economic activity  
Quaternary economic activity  
Quinary economic activity  
Plant domestication  
Root crops  
Seed crops  
First Agricultural Revolution  
Animal domestication  
Subsistence agriculture

### **Column 2**

shifting cultivation  
slash-and-burn agriculture  
Second Agricultural Revolution  
von Thünen Model  
Third Agricultural Revolution  
biotechnology  
Green Revolution  
genetically modified organisms (GMO)  
rectangular survey system  
township-and-range system  
metes-and-bounds system  
long-lot survey system  
Koppen climatic classification system

### **Column 3**

primogeniture  
commercial agriculture  
monoculture  
climatic regions  
plantation agriculture  
livestock ranching  
Mediterranean agriculture  
cash crops  
luxury crops  
agribusiness  
food desert

## **Unit 11: Agriculture and the Rural Landscape**

**pgs. 311-319**

### **Key Question #1: What is agriculture and where did agriculture begin?**

1. What is Roundup, and how has it affected the growth of crops like soybeans, corn, and cotton in the United States?
2. Where are most organic certified crops sold?
3. What are some of the environmental benefits of organic farming?
4. Define agriculture.

5. Fill in the chart below using information from page 313

	Definition	Example
Primary Industry		
Secondary Industry		
Tertiary Industry		
Quaternary Industry		
Quinary Industry		

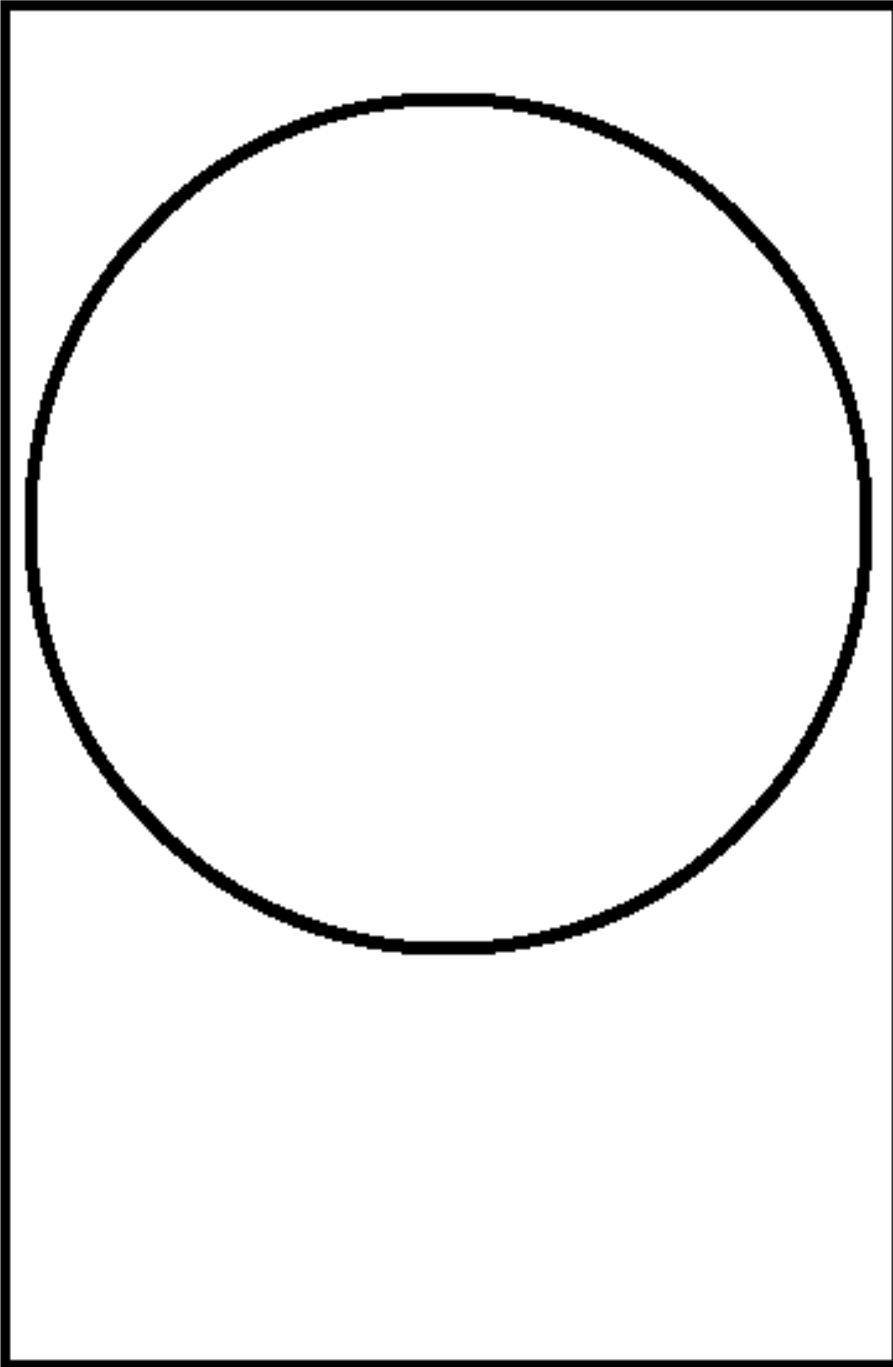
6. Approximately what percentage of the population of Guatemala is engaged in Agriculture, and how much of the country's GNP is related to agriculture?

7. Why are LDCs more likely to have more people involved in farming than MDCs?

8. According to the book, where and when did root agriculture begin and where and when did seed agriculture begin?



3. Use figure 11.7 to fill in the circle below with the rings outlined in von Thunen's model of agriculture, and make a key demarking what each ring stands for.



4. What assumptions did von Thunen make when designing his model?

5. What changes were brought about by the Third Agricultural Revolution?

6. What is the Green Revolution?

7. What are some of the criticisms of monocropping and the Green Revolution?

8. How are Genetically Modified Foods different from the hybrid crops created in the Green Revolution?

9. Which regions of the world have been quicker to embrace GMOs?

10. Where does subsistence farming continue to dominate farming practices?

11. What was one of the unintended consequences of the irrigated rice project in Gambia in 1983?

12. Why is slash-and-burn still widely practiced?

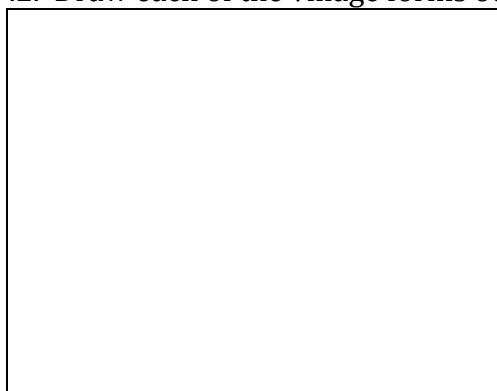
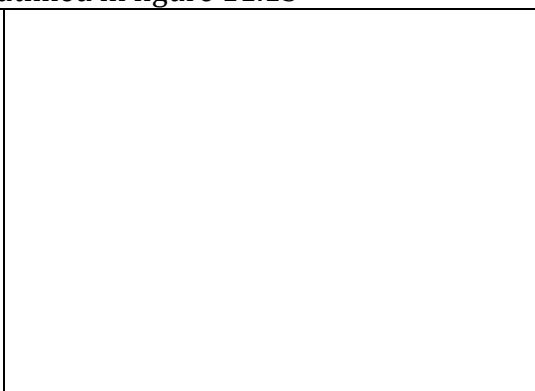

**Unit 11: Agriculture and the Rural Landscape**

**pgs. 326-330**

**Key Question #3: What imprint does agriculture make on the cultural landscape?**

1. If you look out a window in an airplane over the USA, why do you see a checker board pattern on the landscape?

2. Draw each of the village forms outlined in figure 11.13

 <p>Linear Village</p>	 <p>Cluster Village</p>	 <p>Round Village</p>
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Walled Village	Grid Village
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**Unit 11: Agriculture and the Rural Landscape**

**pgs. 330-345**

**Key Question #4: How is agriculture currently organized geographically, and how has agribusiness influenced the contemporary geography of agriculture?**

1. Approximately when did Commercial Agriculture begin?
2. How did the establishment of monoculture in European colonies damage the colonies when they became independent?
3. List 4 different areas of the world where the Mediterranean Climate can be found.
4. Why can't the Caribbean countries establish a sugar cartel in a similar manner to OPEC?

5. Describe plantation agriculture.
6. When is winter wheat planted and harvested versus summer wheat?
7. Where does livestock ranching take place, and how has refrigeration aided in its spread?
8. Why are major drug crops usually grown in the periphery and semi-periphery?
9. How does the US government subsidize farmers and why?
10. Why don't many coffee growers consume coffee?
11. How does fair-trade work?

12. Based on the section “Sociocultural Influences on Agriculture” from pages 338-339, how has the globalization of agriculture harmed access to food in West Africa?

13. Define the term agribusiness.

14. Why is overfishing an issue?

15. How does agribusiness hurt the environment?

16. Why are certain urban areas in developed countries considered food deserts?

17. For the exercise below, identify if the listed farming practice is more common in LDCs or MDCs, state 3 places where the type of agriculture takes place, and list 1 example crop.

Plantation			
Market Gardening			
Intensive Subsistence			



Slash-and-burn			
Mediterranean Agriculture			
livestock ranching			
mixed livestock and crop farming			
Fruit and Truck Farming			
Commercial Grain Farming			