

Agriculture

AP HUG

CHAPTER: 10

What AP wants you to know:

1. The connection between physical geography and agriculture
 - a. Climate influences what can be grown
 - b. Intensive farming practices include market gardening, plantation, & mixed crop/livestock systems
 - c. Extensive farming practices include shifting cultivation, nomadic herding, & ranching
2. Rural settlements have different patterns and survey methods
 - a. Certain agricultural practices shape land use patterns
 - b. Rural settlements are clustered, dispersed, or linear
 - c. Survey methods include - Metes & Bounds, Township & Range, and Long Lot
3. Where major centers of domestication of plants and animals were (hearths)
 - a. Fertile Crescent, Indus River Valley, SE Asia & Central America + other regions
4. How plants & animals diffused around the globe, including the Columbian Exchange
5. The advances and impacts of the Second Agricultural Revolution.
6. The consequences of the Green Revolution on food supply and environment
7. The influence of economics on agricultural practices
 - a. Production reflects subsistence or commercial practices
 - b. Intensive and extensive farming is partially determined by land costs
 - c. Commercial agriculture is replacing small family farms
 - d. Technology has increased carrying capacity and economy of scale
8. THE VON THUNEN MODEL
9. The food supply chain has become part of a global supply chain
10. Agricultural practices have consequences on both the environment and society
 - a. Pollution, desertification, salinization of soil, slash and burn, terrace, irrigation, deforestation, draining of wetlands all alter the soil and landscape
 - b. Changing diets, women in agricultural production, etc. affect society
11. Challenges/Issues with contemporary agriculture and food practices
 - a. Biotechnology, GMO, urban farming, CSA, organic farming, value added specialty crops, fair trade, local-food moments & dietary shifts
 - b. Lack of food access - food insecurity, food deserts, distribution problems, farm land lost to suburbanization
12. Roles of females in food production & consumption vary based on location & type of production

HOMWORK

1. Reading notes for Chapter 10
2. Learn Vocabulary for Unit

WHAT TO READ FOR:

Key Issue 1:

- How did Agriculture come about?
- What is the difference between Subsistence and Commercial Agriculture?

Key Issue 2:

- Why do people eat different foods?
- What does your diet depend on?
- Where do most humans get their kilocalories?
- What's the difference between hunger and undernourishment?

Key Issue 3:

- What are the 11 major agricultural regions?
- Why does pastoral nomadism still exist?
- How does shifting cultivation work?
- What is the difference between agriculture in developing and developed regions?

Key Issue 4:

- What challenges do farmers face in developing countries?
- What challenges do farmers face in developed countries?
- What are some ways to increase the world's food supply?

VOCABULARY

1. Agribusiness
2. Agricultural landscape
3. Aquaculture
4. Biotechnology
5. Cereal Grain
6. Collective farm
7. Commercial Agriculture
8. Crop rotation
9. Desertification
10. Double cropping
11. Food security
12. Green Revolution
13. Horticulture
14. Milkshed
15. Pastoralism
16. Plantation
17. Shifting cultivation
18. Staple grains
19. Subsistence
20. Suitcase farm
21. Sustainable agriculture
22. Truck farm

10 - In class work day	11/12	13 - Ch 10 KI 1 & 2 Quiz	14
Mid	Winter	Break	
24	25/26	27 - Ch 10 KI 3 & 4 Quiz	28
2	3/4 - Vocab Quiz	5	6 - Unit Test

UNIT CALENDAR