

CHAPTER 1

The World of Agriscience

Student Objectives

After studying this chapter, the student should be able to:

- Discuss why agriculture is important in our everyday lives.
- Explain why agriculture is such a broad and diverse industry.
- Explain why agriculture is a science.
- Summarize the reasons why agriculture contributes to the wealth of the nation.
- List and discuss the uses of plants.
- List and discuss the uses of animals.
- Contrast agricultural exports and imports.
- Discuss the processing and distribution of agricultural products.

Answer Key

True/False

1. T
2. T
3. F
4. F
5. F
6. T
7. T
8. T
9. F
10. T

Multiple Choice

1. B
2. A
3. C
4. C
5. A
6. C
7. B
8. B
9. A
10. B

Discussion

1. Medicine is related to agriculture because for good nutrition, humans must obtain plenty of wholesome food. Ecology is related because of the tremendous impact agriculture has on the environment.
2. Agriculture jobs involve such diverse occupations as marketing specialists, chemical manufacturers, food inspectors, and research scientists.
3. Plants are important in our daily lives because a large portion of our food comes from plants. Plants also supply us with clothing. The houses we live in also come from plants. A large portion of the medicines we use comes from plants as well.
4. Companion animals are an ever-increasing part of the animal industry. Dogs are raised for pets, and they are also trained to help visually impaired people. Animals such as goldfish and cats are raised for companions also.
5. In order to raise healthy animals, animals have to be fed. They need medicine and pesticides; fencing has to be produced; buildings and facilities have to be built to house the animals; trailers and trucks are needed to transport the animals; and buyers, brokers, inspectors, and processors are all required.