High School Agricultural Science Basics

Agriculture · Answer Key · 7 Questions

1. Which primary macronutrient is mainly responsible for promoting vegetative leaf growth in plants?

A) Nitrogen
B) Phosphorus
C) Potassium
D) Calcium

2. What chemical process do crops use to turn sunlight, water, and carbon dioxide into glucose and oxygen?

A) Respiration
B) Photosynthesis
C) Transpiration
D) Osmosis

3. Which irrigation method delivers water directly to the base of plants in small amounts to minimize evaporation?

A) Flood irrigation
B) Drip irrigation
C) Overhead sprinkler
D) Furrow irrigation

4. Among standard soil mineral particles, which type has the smallest grain size?

A) Sand
B) Silt
C) Clay
D) Gravel

5. What is the term for growing a single crop species on a farm field at one time?

A) Polyculture
B) Crop rotation
C) Monoculture
D) Intercropping

6. Why are leguminous plants like clover or soybeans frequently included in crop rotations?

A) To absorb excess nitrogen
B) To fix atmospheric nitrogen into the soil
C) To prevent soil compaction
D) To increase soil salinity

Quixly | This material was auto-generated. Quixly is not liable for errors or omissions. Visit quixlylearn.com to report corrections.

7. Which compartment of the ruminant stomach contains microbes that ferment tough plant fibers?

A) Abomasum
B) Omasum
C) Reticulum
D) Rumen

Quixly | This material was auto-generated. Quixly is not liable for errors or omissions. Visit quixlylearn.com to report corrections.