

Name _____

Nutrient Boosters: How Annual Plants Enhance Soil Health

Multiple Choice Questions

1. What is one way annual plants contribute to soil health?
 - A) They fix nitrogen from the atmosphere.
 - B) They repel pests and diseases.
 - C) They deplete nutrients from the soil.
 - D) They grow quickly.

2. How do nitrogen-fixing plants enrich the soil?
 - A) By forming nodules on their leaves
 - B) By absorbing nitrogen from the soil
 - C) By fixing nitrogen from the atmosphere
 - D) By releasing oxygen into the soil

3. What role do crop rotations play in maintaining soil health?
 - A) They deplete specific nutrients from the soil.
 - B) They balance nutrient needs and prevent soil depletion.
 - C) They attract pests and diseases.
 - D) They promote soil compaction.

4. What is one benefit of companion planting with annual plants?
 - A) It depletes soil fertility.
 - B) It increases pest and disease pressure.
 - C) It balances nutrient needs.
 - D) It reduces soil moisture.

5. How does mulching contribute to soil health?
 - A) By promoting weed growth
 - B) By increasing soil compaction
 - C) By depleting nutrients from the soil
 - D) By retaining moisture and regulating soil temperature

