

Name \_\_\_\_\_

Period \_\_\_\_\_

Ms. Foglia

Date \_\_\_\_\_

### AP: CHAPTER 37: PLANT NUTRITION

1. How do nutrients enter plants?

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2. What is the difference between macronutrients and micronutrients?

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3. Why is magnesium important to plants?

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4. How do plants absorb cations from the soil?

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5. Why are root hairs important to plants?

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6. Describe the path of nitrogen from the atmosphere to plant protein. Include the role of each of the following:

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a. Nitrogen-fixing bacteria \_\_\_\_\_

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b. Ammonifying bacteria \_\_\_\_\_

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c. Nitrifying bacteria \_\_\_\_\_

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d. Denitrifying bacteria \_\_\_\_\_

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7. Describe the following unique nutritional relationships:

a. Rhizobium bacteria & legumes \_\_\_\_\_

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b. Mycorrhizae \_\_\_\_\_

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c. Parasitic plants \_\_\_\_\_

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d. Carnivorous plants \_\_\_\_\_

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