

Unit : Handout :  
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Lesson 2: 25-27 Reading Graphic Organizer

**Purpose:** To read about the nutritional needs of plants.

**Guiding Questions:** How are plants affected by different levels of nutrients?

**Instructions:** First read pages 25-27. Then, answer the questions below.

1. What is food for plants? Why is it considered food?
2. What is "plant food" commonly sold in stores?
3. Why is the product "plant food" a misleading name?
4. In the table below, list the three macronutrients and what each does for the plant.

Macronutrient	What it does this macronutrient do for the plant?	What happens to the plant if it lacks this macronutrient?

5. Plant food is usually listed as a proportion of three numbers (example: 29-3-4). Below is an example from a plant food label. How much of each macronutrient is found in this fertilizer?



6. What is the proportion of our fertilizer? Why was this particular proportion selected for our plant systems?