

Unit: Soil Science

Name \_\_\_\_\_

Lesson 8: Soil Fertility

Date \_\_\_\_\_

### Evaluation

**Directions:** Match the definition on the left with the term on the right.

- |   |  |                        |
|---|--|------------------------|
| b | 1. Contains all three of the primary macronutrients: nitrogen, phosphorus, potassium   | a. Alkaline soil       |
| a | 2. Soil that has a pH higher than 7.0  | b. Complete fertilizer |
| e | 3. Essential elements used in large amounts by plants - includes nitrogen, phosphorus, potassium, calcium, magnesium, and sulfur | c. Lime                |
| c | 4. Materials used to neutralize acidity of the soil  | d. Potassium           |
| d | 5. Browning starts at the tips of the leaves and proceeds down from the edges and usually leaves the veins green                 | e. Macronutrients      |
| i | 6. Nutrient most beneficial to vegetative growth   | f. Soil pH             |
| j | 7. Soil pH is less than 7.0  | g. Micronutrients      |
| h | 8. Nutrient deficiency shows up as a purple discoloration in the leaf tissue   | h. Phosphorus          |
| g | 9. Essential elements used in small quantities by plants   | i. Nitrogen            |
| f | 10. Measure of the acidity or alkalinity in the soil   | j. Acid soil           |