

Unit: Soil Science

Name _____

Lesson 8: Soil Fertility

Date _____

Evaluation

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

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