

Unit: Soil Science

Name _____

Lesson 10: Effects of Soil on Water
Movement and Retention

Date _____

Evaluation

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

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|-------|---|-----------------------------------|
| _____ | 1. Process whereby plant wastes are released in water vapor through plant pores | a. Pores |
| _____ | 2. The potential of a soil to hold water in a form available to plants | b. Transpiration |
| _____ | 3. The point at which all available water is depleted | c. Fragipan |
| _____ | 4. Refers to water movement through the soil | d. Available water capacity (AWC) |
| _____ | 5. All the pores of a soil are full of water | e. Mottling |
| _____ | 6. Is the one that exists in the soil above an unsaturated zone | f. Gravitational water |
| _____ | 7. Naturally occurring hard, brittle soil layer high in clay with high bulk density | g. Wilting point |
| _____ | 8. Water that moves through the soil under the influence of gravity | h. Saturated |
| _____ | 9. Spots of different colors in a soil | i. Permeability |
| _____ | 10. Spaces between the mineral grains of a soil | j. Perched water table |