

Objective 5 Quiz

List the nutrients that are generally provided to a plant through the air.

List the primary macronutrients needed by plants.

List the secondary macronutrients needed by plants.

List the essential micronutrients needed by plants.

Element	Importance	Deficiency Symptom
Nitrogen		
Phosphorus		
Potassium		
Calcium		
Magnesium		

A(n) _____ element is one that shows deficiency symptoms in the older leaves first.

A(n) _____ element is one that shows deficiency symptoms in the younger leaves first.

Describe the difference in antagonistic and synergistic elements.

The _____ is a global cycle in which evaporation and precipitation are equal over time and on a global scale.

_____ expresses the actual water content relative to the maximum amount that the air can hold at a given temperature.

_____ is the universal solvent.

_____ is the physical property of water in a liquid state that is due to the intermolecular attraction between water molecules.

_____ is the force of attraction between unlike molecules.

_____ is the force of attraction between like molecules.

Describe transpiration stream.

What is the flow of water through a semipermeable membrane that occurs when there is a concentration gradient difference?

The upward movement of water is called _____.

A plant absorbs mineral nutrients against a high concentration of gradient by a process called _____.