

Objective 2 Quiz

What are the layers of a soil profile?

Explain the difference in a sedentary soil and a transported soil.

<u>d</u>	Colluvial	a. transported and deposited by wind
<u>c</u>	Alluvial	b. soil deposited by glaciers
<u>a</u>	Aeolian	c. carried in water such as rivers
<u>b</u>	Glacial Till	d. have moved in response to gravity after a landslide or mudslide

List the soil textures in order from smallest to largest particle size.

A pH of 5.0 is _____.

A pH of 7.0 is _____.

A pH of 9.0 is _____.

_____ is the capacity of colloidal soil particles to attract positively charged ions and to exchange one ion for another.

A _____ provides all three essential elements.

Compounds that occur naturally are called _____.

Chemists synthesize modifiers of plant development, either naturally occurring or commercially synthesized, called _____.

The five plant hormones are _____, _____, _____, _____, and _____.

T/F Auxins are plant hormones that both promote and inhibit plant growth.

The concentration of auxin in the apex that can inhibit the growth of buds and shoots beneath it is called _____.

_____ is the initiation of fruit-set without pollination. It is accomplished by the application of auxins or gibberellins.

_____ is a naturally occurring growing inhibitor that counters the effects of gibberellins.

_____ influences geotropism, leaf abscission, and the ripening of fruit.

_____ are a group of synthetic compounds that have a dwarfing effect on plant growth.