

Student Name: _____

Sweetpotato Notes

	Abiotic Factors	Biotic Factors
Meaning		
Examples		
Affects		
Dependency		
Limiting Factors		
Sweetpotatoes		

Sweetpotato Notes: Teacher Key

	Abiotic Factors	Biotic Factors
Meaning	non-living parts of an ecosystem. Examples include sunlight, the wind, clouds, water, rocks, energy, temperature, soil, etc.	living of an ecosystem. Examples plants, animals, trees, and microorganisms such as fungi, bacteria, algae.
Examples	Sunlight, wind, water, rocks, temperature, soil	Plants, Animals, organelles
Affects	The individual of a particular species, their population, community, ecosystem, and the biosphere.	The individual of a particular species, their population, community, ecosystem, and the biosphere.
Dependency	Abiotic factors do not depend on biotic factors for survival	Biotic factors depend on abiotic factors for survival
Limiting Factors	Changes in abiotic factors may limit the growth and development of plants and animals. In some cases, it can affect an entire ecosystem.	Because biotic factors are very dependent on abiotic factors there is always uncertainty.
Sweetpotatoes	Sunlight, water, soil, temperature, humidity	Growth of plant, fibrous root system, sweetpotato