

Name _____

Unlocking the Secrets of Woody Plant Growth

Short Answer Key

1. Secondary growth involves the production of new cells in lateral meristems, resulting in increased girth or diameter of stems and roots.
2. Hormones regulate plant growth and development by coordinating processes such as cell elongation, division, and differentiation.
3. Mycorrhizal fungi benefit woody plants by enhancing nutrient uptake through symbiotic associations with plant roots.
4. External factors that influence plant growth include temperature, soil composition, water availability, and light intensity.
5. Understanding woody plant growth is crucial for sustainable resource management, conservation of biodiversity, and ecosystem health.

