

Name _____

The Mysteries of Plant Behavior: Can They Perform Photosynthesis at Night?

Short Answer

1. Explain the concept of cellular respiration in plants and its relationship with photosynthesis.
2. Describe the unique nighttime adaptation of CAM plants and how it helps them conserve water.
3. What is the significance of energy reserves in plants, and how do they contribute to plant survival?
4. Provide an example of a C4 plant and explain how it adapts to low light conditions.
5. Why is the balance between photosynthesis and respiration essential for plant survival in changing light conditions?

