

Answer Key - Grades 7

Subject: General | Grade: 7 | Generated: 7/23/2025

Ø=Ý Answer Key Grade Levels: 7 Total Questions: 1 Answer 1 Correct

Explanation: The correct answer is B. Plants, including important crops like rice and wheat grown in India, need sunlight and water primarily to perform a process called photosynthesis. During photosynthesis, plants use sunlight, water, and carbon dioxide from the air to create their own food (sugars), which allows them to grow and produce grains like rice and wheat. Without enough sunlight and water, plants cannot make sufficient food and will not grow well or yield a good harvest. A. While healthy plants might have better disease resistance, that's not the primary role of sunlight and water in food production. C. Water does help in nutrient absorption, but the fundamental reason for both sunlight and water in this context is food production through photosynthesis. D. Rice and wheat do not produce large, colorful flowers to attract pollinators in the same way many other plants do, and this is not the primary reason they need sunlight and water for food production.