

# How Did Your Understanding GROW?

Test your knowledge **post-activity**.



Through the Seed Survivor presentation and activities, you have learned what a seed needs to grow, and that agriculture is important. It is a big job to feed everyone!

What do you know about seeds and growing healthy plants now? See how many questions you can answer. Compare these answers to your first answers to see what you have learned.

## Questions:

1. What does a seed need to grow? (hint: you should have at least FOUR things here) \_\_\_\_\_  
\_\_\_\_\_

2. Why is soil important to us? \_\_\_\_\_  
\_\_\_\_\_

3. What are the three particles that make up soil? \_\_\_\_\_

4. How do the main nutrients nitrogen (N), phosphorus (P) and potassium (K), keep plants healthy?

Nitrogen (N): \_\_\_\_\_  
\_\_\_\_\_

Phosphorus (P): \_\_\_\_\_  
\_\_\_\_\_

Potassium (K): \_\_\_\_\_  
\_\_\_\_\_

5. How much of the Earth's land is ideal for growing crops? \_\_\_\_\_%

6. Farmers use science, technology, and best management practices to grow crops on nearly \_\_\_\_\_% of the Earth's land.

7. You should give your seeds one \_\_\_\_\_ of water every day and place it in a \_\_\_\_\_ window.

8. Name two careers (jobs) in agriculture. (hint: make sure you played the career match game on the Seed Survivor website!)  
\_\_\_\_\_

9. It is important to farmers that they care for the environment, but it is up to all of us to care for the land, air and water around us. What is one thing you could do to care for the land, air or water?  
\_\_\_\_\_  
\_\_\_\_\_