

Name _____

The Power Within: Unraveling the Purpose of Seeds

Short Answer Key

1. Seeds protect embryonic plant structures by forming a tough outer coat that shields them from environmental hazards.
2. The nutrient reserve in a seed provides energy and nutrients for germination, supporting the initial growth of the embryo.
3. Dormancy is essential for seed survival as it allows seeds to enter a state of suspended animation, enabling them to withstand unfavorable conditions until conditions for germination improve.
4. Two methods of seed dispersal are wind dispersal (e.g., dandelion seeds) and animal dispersal (e.g., burdock seeds attached to fur).
5. Seeds ensure the continuation of plant species by facilitating reproduction, dispersing offspring to new locations, and providing a nutrient reserve for seedling growth.

