

SELF-FERTILIZATION

Meaning: Self-fertilization is the process by which an organism fertilizes its own gametes, often seen in certain plant species, allowing them to reproduce without the need for a mate.

1. Self-fertilization is a common reproductive strategy in many plant species.
2. The study of self-fertilization helps scientists understand genetic diversity in populations.
3. Some animals, like certain types of snails, also exhibit self-fertilization in their reproductive processes.
4. Self-fertilization can lead to inbreeding depression if not balanced with outcrossing.
5. Researchers are investigating the evolutionary advantages of self-fertilization in stressful environments.

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