

# AUTOGAMY

*Meaning: Autogamy is the process of self-fertilization in which a plant fertilizes its own ovules with its own pollen.*

1. Autogamy is a form of self-fertilization observed in certain plants.
2. In some species, autogamy ensures reproductive success when pollinators are scarce.
3. The study of autogamy provides insights into plant evolutionary strategies.
4. Researchers noted that autogamy can lead to reduced genetic diversity over generations.
5. Autogamy is often contrasted with allogamy, which involves cross-fertilization.
6. Certain algae exhibit autogamy as a means of adapting to harsh environmental conditions.
7. Understanding autogamy can help in the conservation of endangered plant species.
8. In laboratory experiments, scientists have successfully induced autogamy in several flowering plants.
9. The prevalence of autogamy varies widely across different ecosystems.
10. Autogamy can be advantageous in stable environments where pollinators are inconsistent.

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*Source: [sentences.whatistheurl.com](https://sentences.whatistheurl.com)*

*<https://sentences.whatistheurl.com/sentence/autogamy>*