

# PLAGIOTROPIC

*Meaning: Plagiotropic refers to a growth pattern in plants where organs, such as roots or shoots, grow horizontally or at an angle in response to environmental stimuli, particularly light or moisture.*

1. Plagiotropic growth patterns in plants can significantly influence their ability to adapt to varying light conditions.
2. The research focused on the plagiotropic response of roots as they sought moisture in the soil.
3. In botany, plagiotropic refers to the tendency of some plant parts to grow horizontally rather than vertically.
4. Understanding plagiotropic behaviors can help in the cultivation of crops in challenging environments.
5. Scientists observed that plagiotropic shoots often develop in response to environmental stresses such as wind or drought.

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

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