



Miyawaki Method

[Source: Outlook](#)

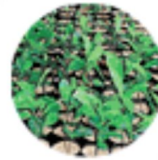
Recently, the **Embassy of Israel** in India, in collaboration with a non-profit entity, has officially joined the '[Million Miyawaki](#)' project as a part of the [Earth Day](#) celebration.

- Under this project, efforts are made at planting a million trees in Delhi-NCR by creating 'forest-like' [Miyawaki plantations](#) of 600 trees each, with a variety of up to 30 different locally sourced species like **Anjan, Amala, Bel, Arjun and Gunj**.
 - It was named after Japanese botanist **Akira Miyawaki**, this method involves planting **two to four different types of indigenous trees** within every square meter.
 - This **method rapidly increases green cover on small plots** by promoting **self-sustaining tree growth** to full maturity within three years, eliminating the need for regular maintenance.
- The dense green cover of indigenous trees plays a key role in **absorbing the dust particles** of the area where the garden has been set up. The plants also help in **regulating surface temperature**.
- [Earth Day](#) is celebrated on 22nd April every year as an international event around the world to pledge support for environmental protection.

The Miyawaki method for restoring tropical forests



Germinate the seeds in a nursery, When two to three leaves have sprouted, move the seedlings to pots, Cultivate the seedlings in pots until their root groups generally fill the containers,



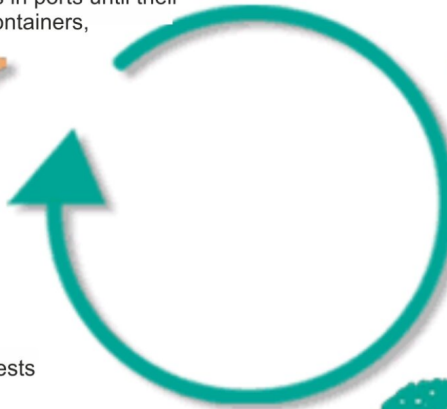
Cultivate under nets designed to cut out 60 percent of the sunlight for one to two months



Cultivate under nets designed to cut out 40 percent of the sunlight for one to two months.



Obtain seeds from natural tropical forests



"No management is best management"



Plant and conduct maintenance for one to two years, From the third year entrust the trees to natural management At this point the rule is "No management is the best management"



Adapt to the natural environment in an existing forest (period of between one week and one month).

Read More: [Miyawaki Plantation Method](https://www.drishtiias.com/printpdf/miyawaki-method-2)

PDF Refernece URL: <https://www.drishtiias.com/printpdf/miyawaki-method-2>