

DUKDUK/DOKDUK

Botanical Name: *Artocarpus mariannensis*
Native range: Mariana Islands

Common Name: Marianas breadfruit



Description: Dukduk is a large breadfruit tree (up to 65 ft.). Although breadfruit is an introduced tree, it arrived 4,000 years ago. Over such a great period of time, it is believed that this particular breadfruit species has evolved into an endemic tree of the Marianas.

Uses and cultural significance: Dukduk is a great shade tree that grows moderately fast (1-3 ft. per year) and is both salt and wind tolerant. This tree has many practical and cultural uses. Dukduk stabilizes and improves soil, is a food source for bats and birds, can be used for making insect repellent, gum or resin (adhesive), and fuelwood. It was once an important wood for timber, carving, and canoe building. Dukduk also has medicinal properties, can be used for fiber and weaving, and is known for its edible seeds (hutu).

How To Grow and Care For This Plant

Sun	Water	Soil	Fertilizer	Pests+Diseases
Partial shade.	Water regularly, letting the soil dry out between waterings.	Well drained soils (sandy, sandy loam or loam), volcanic, and calcareous soils. Prefers a pH of 6.1-7.4.	Small amount of slow release fertilizer such as 8-8-8 added at the time of planting.	Termites. Phytophthora, anthracnose, and rhizopus

Propagation

Dukduk is propagated by seed and seedlings. Collect seeds from mature healthy fruits, and gather seedlings from those sprouted beneath fruiting trees.

Resources:

- Bucayu-Laurent, C., Frazier, D., Loerzel, A., Santos, T., Tuquero, J. Guam Department of Agriculture Forestry & Soil Resources Division. (2017). *Dukduk Artocarpus mariannensis*.
- Raulerson, L. and A. Rinehart. 2021. *Trees and shrubs of the Northern Marianas Islands*. University of Guam Press, Guam. 74p.
- Wikicommons (photo sources)

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