

A photograph of a dense bamboo forest. The bamboo stalks are tall, thin, and green, forming a thick canopy. A path made of light-colored gravel or sand leads through the center of the forest, flanked by low, brown, brush-like barriers. The lighting is bright, suggesting a sunny day, and the overall atmosphere is serene and natural.

Phyllostachys edulis

Moso Bamboo

ZaSean Fowler

A photograph of a bamboo forest with a path leading through it. The bamboo stalks are tall and thin, with a light green color. The path is made of dirt and is surrounded by a low wall of bamboo. The background is a dense forest of bamboo trees.

Classification:

Kingdom: Plantae

Phylum: Angiosperms

Class: Monocots

Order: Poales

Family: Poaceae

Genus: *Phyllostachys*

Species: *P. edulis*

Common Name:

Moso Bamboo, tortoise-shell bamboo

Interesting Facts

- Bamboo is a member of the Poaceae plant family, the family of grass plants
- Grows 90+ feet tall
- Growth rate up to 3 ft. per day.
- Flowering does happen between every 35 to 65 year intervals
- Many Many uses for the bamboo.

Origin Moso Bamboo

- China
- Taiwan
- Japan
- Other South-East Asian countries



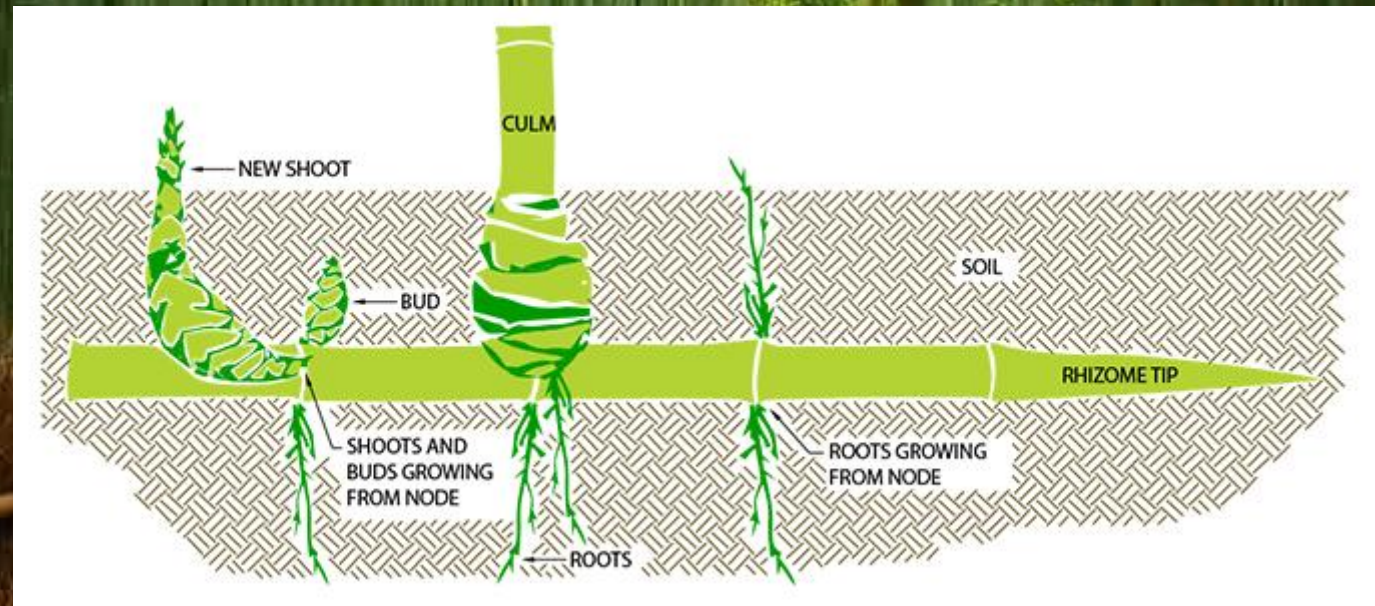
Features of cultivation

- Moso is great in temperate zones mostly grown in Taiwan, China, And Japon, and now N. America.
- Usually shoots in late March or early April
- Harvest size, 8 inches or less (Dig up)
- Dont last long after harvested. Can or freeze dry.



Morphology of Moso Bamboo

- Rhizome
- Buds and shoots tender at first, become woody
- Main Culm- Quick growing
- Short Roots
- Buds and shoots
- Main Culm- 90 ft
- Flowering and seeds- every 35 to 65 years



Shoot Toxins

- Bamboo shoots contain taxiphyllin, produces cyanide in the gut . Treating the tender shoot in boiling water readily degrades these toxic compounds.
- Boiled bamboo shoots can be well tolerated and rarely have allergic reactions.

- **Many uses for the bamboo.**
- Textiles, utensils, Cups, Plates
- Housing constructions
- Road construction.
- Eastern medicine.
- Furniture and much more.



Some Medical facts

- Medical uses-
- China-Treating infections and healing
- Northern India- Fermented bamboo paste known as khorisa is a local treatment for impotence, infertility, and menstrual pains.

A photograph of a bamboo forest with a path leading through it. The path is paved and runs through the center of the forest, flanked by low bamboo fences. The bamboo stalks are tall and thin, creating a dense canopy. The ground is covered with fallen bamboo leaves. The text "Questions??" is overlaid in the center of the image.

Questions??