PLANT FACT SHEET

Dialium cochinchinense Pierre

GENUS *Dialium* **FAMILY** Fabaceae

COMMON NAMES Velvet tamarind

EDIBLE PARTS AND USES

Edible parts: Fruit

The ripe fruit are edible. The pulp around the seeds is eaten raw or cooked and has a sweet-sour flavour. The mature fruit are boiled and eaten.

DESCRIPTION

A tree 15-25 m tall. The leaves are compound. The leaf is 5-10 cm long and there are 5-9 leaflets. These are alternate and oval. They are 4-7 cm long by 1.5-4.5 cm wide. The flower panicles are on the ends of branches and have soft hairs. The flower arrangements are 10-30 cm long. The flowers are small and do not have petals. The fruit is a pod. It is velvety and 1.5 cm long by 8-9 mm wide. There is one seed inside. It is long an oval with furrows along it. The seed is 9 mm long by 6 mm wide. The ripe fruit is edible.

HABITAT

A tropical plant. It grows in both dense and clear forests. It grows between sea level and 300 m above sea level. It can grow up to 800 m above sea level.

PRODUCTION

Cultivation

It is grow from seed.

Harvesting and Seed Production

The fruit develop during the rainy season. In NE Thailand fruit are available August to November.

NOTES

There are about 30-40 Dialium species. They grow in tropical SE Asia. They probably all have edible fruit. Also as Caesalpinaceae.

REFERENCES

Cengel, D. J. & Dany, C., (Eds), 2016, Integrating Forest Biodiversity Resource Management and Sustainable Community Livelihood Development in the Preah Vihear Protected Forest. International Tropical Timber Organization p 133

Chiang Mai University Vol. 4 , 1964, bio1080uu, Table 6 p 67

Cruz-Garcia, G. S., & Price, L. L., 2011, Ethnobotanical investigation of 'wild' food plants used by rice farmers in Kalasin, Northeast Thailand. Journal of Ethnobiology and Ethnomedicine 7:33

Eiadthong, W., et al, 2010, Management of the Emerald Triangle Protected Forests Complex. Botanical Consultant Technical Report. p 23

Fl. forest. Cochinch. 4(fasc. 24): t. 384a. 1898

Jacquat, C., 1990, Plants from the Markets of Thailand. D.K. Book House p 45

Kachenchart, B., et al, 2008, Phenology of Edible Plants at Sakaerat Forest. In Proceedings of the FORTROP II: Tropical Forestry Change in a Changing World. Bangkok, Thailand.

Khumgratok, S., Edible Plants in Cultural Forests of Northeastern Thailand. Mahasarakham University Thailand.

Milow, P., et al, 2013, Malaysian species of plants with edible fruits or seeds and their evaluation. International Journal of Fruit Science. 14:1, 1-27

Phon, P., 2000, Plants used in Cambodia. © Pauline Dy Phon, Phnom Penh, Cambodia. p 230

Prixar, S., et al, 2006, Species composition, distribution and management of trees in paddy fields in central Laos. p 24

Sam, H. V. et al, 2004, Trees of Laos and Vietnam: A Field Guide to 100 Economically or Ecologically Important Species. BLUMEA 49: 201-349

Sang, D. T., & Mizoue, K. O. N., 2012, Use of Edible Forest Plants among Indigenous Ethnic Minorities in Cat Tien Biosphere Reserve, Vietnam. Asian Journal of Biodiversity Vol. 3 (1), p 23-49

Soerianegara, I. & Lemmens, R. H. M. L., (Eds.) 1993, Timber trees: Major commercial timbers. Plant Resources of South-East Asia. Wageningen. No. 5(1). p 164

Solomon, C., 2001, Encyclopedia of Asian Food. New Holland. p 398

Sukarya, D. G., (Ed.) 2013, 3,500 Plant Species of the Botanic Gardens of Indonesia. LIPI p 227

Suksri, S., et al, 2005, Ethnobotany in Bung Khong Long Non-Hunting Area, Northeast Thailand. Kasetsart J., (Nat. Sci) 39: 519-533

Thorng, R., et al, 2015, Roles of Wild Food Plants in Ethnic Group Communities in Mondulkiri Province, Northeastern Cambodia. Journal of Mekong Societies Vol.11 No.2 May-August 2015 pp. 1-17

Van Sam, H. et al, 2004, Trees of Laos and Vietnam: A Field Guide to 100 Economically or Ecologically Important Species. Blumea 29 (2004) 201-349

www.worldagroforestrycentre.org/sea/products/afdbases/af

PROVIDED BY **Food Plants International**

French, B.R. & Maynard, A.R. Food Plants International Database. Food Plants International

LICENCE CC BY-NC-SA 3.0

ONLINE FACT SHEET https://www.echocommunity.org/en/resources/b4c822e0-96dc-4a1b-94e8-b2525f20303e