PLANT FACT SHEET

Mangifera pajang Kosterm.

GENUS *Mangifera* **FAMILY** Anacardiaceae

COMMON NAMES Asem pajang mango, Bambangan mango

EDIBLE PARTS AND USES

Edible parts: Fruit, Leaves

The young leaves are eaten as a vegetable.
The skin is peeled off 1 cm thick and the flesh eaten.
The fruit can be ripe and are then eaten raw.
Some fruit are sour and are then eaten with sugar and chilli powder.

DESCRIPTION

A tree. It grows 15-33 m tall. Sometimes it loses its leaves. The trunk is 30-70 cm across. The bark is brown or grey. It can be smooth or cracked. The leaves are oblong and 28-45 cm long by 10-15 cm wide. They are rigid and rough. They have prominent veins. The leaf stalk is 5-7 cm long. The flower panicles are at the ends of branches and are erect and pyramid shape. They can be 30 cm long and densely covered with flowers. The flowers are pink on the outside and purple inside. The fruit are round or oval and 20 cm across. The flesh is thick and fibrous. The skin is 1 cm thick and brown. The flesh is deep orange-yellow. The stone is plump and 9 cm long by 6.5 cm wide and 4.5 cm thick.

HABITAT

A tropical plant. They grow in the humid tropics. It grows in lowland Dipterocarp forest in Borneo. It grows in areas with abundant rain which is evenly distributed throughout the year. They can grow up to 1000 m altitude.

PRODUCTION

Cultivation

Plants are grown from seed. Seedlings need moisture and light shade.

NOTES

There are about 40 Mangifera species.
An unresolved name in The Plant List.

REFERENCES

Arora, R. K., 2014, Diversity in Underutilized Plant Species - An Asia-Pacific Perspective. Bioversity International. p 77

Chai, P. P. K. (Ed), et al, 2000, A checklist of Flora, Fauna, Food and Medicinal Plants. Lanjak Entimau Wildlife Sanctuary, Sarawak. Forestry Malaysia & ITTO. p 159, 166

Davis, S.D., Heywood, V.H., & Hamilton, A.C. (eds), 1994, Centres of plant Diversity. WWF. Vol 1 or 2. p 363

Ding Hou, 1978, Anacardiaceae, in Flora Malesiana Ser 1 Vol 8(3) p 436

Dodo, 2015, Keanekaragaman dan konservasi Tumbuhan Buah Langka Indonesia. Pusat Konservasi Tumbuhan Kebun Raya – LIPI. Warta Kebun Raya 13(2)

Fadzelly, M., et al, Phytochemicals and antioxidant activity of different parts of bambangan (Mangifera pajang) and tarap (Artocarpus odoratisimus). Food Chemistry 113: 479-483

Kulip, J., 2003, An ethnobotanical survey of medicinal and other useful plants of Muruts in Sabah, Malaysia. Telopea 10(1) p 92

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

PROSEA (Plant Resources of South East Asia) handbook, Volume 2, 1991, Edible fruits and nut. p 209

Reinwardtia 7:20, fig. 1a & 1b. 1965

Shaffiq, A. M., A., et al, 2013, Marketable wild fruits of Sarawak, Borneo: Their mode of consumption, uses and sugar profiles. Indian Journal of Traditional Knowledge. Vol 12(2): 195-201

Siong, K. H., 2003, Indigenous Fruits of Sarawak. ITTO & Sarawak Forest Department. p 11

Soepadmo, E. and Wong, K. M. and Saw, L. G., 1996, Tree Flora of Sabah and Sarawak. Forestry Malaysia. Volume Two. p 43

Sukarya, D. G., (Ed.) 2013, 3,500 Plant Species of the Botanic Gardens of Indonesia. LIPI p 382

Tankard, G., 1990, Tropical fruit. An Australian Guide to Growing and using exotic fruit. Viking p 129

Uji, T., 2007, Species diversity of indigenous fruits in Indonesia and its potential. Biodiversitas, 8 (2): 157-167

USDA, ARS, National Genetic Resources Program. Germplasm Resources Information Network - (GRIN). [Online Database] National Germplasm Resources Laboratory, Beltsville, Maryland. Available: www.ars-grin.gov/cgi-bin/npgs/html/econ.pl (10 April 2000)

van Wyk, B., 2005, Food Plants of the World. An illustrated guide. Timber press. p 240

Wiersema, J. H. & Leon, B., 2013, World Economic Plants. A Standard Reference CRC Press. 2nd Ed. p 432

Wong, K. C., 1995, Collection and Evaluation of Under-Utilized Tropical and Subtropical Fruit Tree Genetic Resources in Malaysia. JIRCAS International Symposium Series No. 3: 27-38

Zawiah, N. & Othaman, H., 2012, 99 Spesies Buah di FRIM. Institut Penyelidikan Perhutanan Malaysia. p 150

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