PLANT FACT SHEET

Caryocar microcarpum Ducke

GENUS *Caryocar* **FAMILY** Caryocaraceae

COMMON NAMES Water sawarri

EDIBLE PARTS AND USES

Edible parts: Fruit, seeds

The fruit are eaten fresh but not as attractive as some similar fruit. Caution: There are some cautions with the fruit.
They are also cooked.
The kernel of the spiny seed is eaten.

DESCRIPTION

A tree. It grows 20-30 m tall. The crown is wide and round. The trunk is upright and 70-90 cm across. The bark is thick and in irregular plates. The leaves are compound with 3 leaflets. The leaves have long stalks and the leaflets have short stalks. The flowers are in small groups and 2.5 cm long. The fruit is oval and fleshy with a hard stone inside.

HABITAT

A tropical plant. It grows in the Amazon in Brazil. It is in forests that are sometimes flooded.

PRODUCTION

Cultivation

Plants are grown from seed. The ripe fruit are harvested and the seeds removed. Seeds are only viable for a very short time. Fresh seed should be planted. They germinate in 30-60 days.

Harvesting and Seed Production

Plants can reach 2 m in 2 years.

NOTES

The Caryocaraceae occur in tropical America. There are 16 Caryocar species.

REFERENCES

Andel T. van, Non-timber forest products of the North-West District of Guyana. Part 2. A Field Guide. Tropenbos-Guyana Programme. p 257

Bircher, A. G. & Bircher, W. H., 2000, Encyclopedia of Fruit Trees and Edible Flowering Plants in Egypt and the Subtropics. AUC Press. p 87

Grandtner, M. M. & Chevrette, J., 2013, Dictionary of Trees, Volume 2: South America: Nomenclature, Taxonomy and Ecology. Academic Press p 104

Johnson, M. and Colquhoun, A., 1996, Preliminary Ethnobotanical Survey of Kurupukari: An Amerindian Settlement of Central Guyana. Economic Botany, Vol. 50, No. 2, pp. 182-194

Kermath, B. M., et al, 2018, Food Plants in the Americas: A survey of the domesticated, cultivated and wild plants used for Human food in North, Central and South America and the Caribbean. p 237

Lorenzi, H., 2002, Brazilian Trees. A Guide to the Identification and Cultivation of Brazilian Native Trees. Vol. 02 Nova Odessa, SP, Instituto Plantarum p 78

Lorenzi, H., Bacher, L., Lacerda, M. & Sartori, S., 2006, Brazilian Fruits & Cultivated Exotics. Sao Paulo, Instituto Plantarum de Estuados da Flora Ltda. p 112

Maezumi, S. Y., et al, 2018, The legacy of 4,500 years of polyculture agroforestry in the eastern Amazon. Open Research Exeter. p 37

Roa, J. A. G. & Boada, D. S. G., 2018, Fundación para el Fortalecimiento de la Fruticultura y Plantas Alimenticias no Convencionales en Colombia.

van Roosmalen, M.G.M., 1985, Fruits of the Guianan Flora. Utrecht Univ. & Wageningen Univ. p 72

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