PLANT FACT SHEET

Campomanesia xanthocarpa (Mart.) O. Berg.

GENUS *Campomanesia* **FAMILY** Myrtaceae

COMMON NAMES Yellow Guabiroba

EDIBLE PARTS AND USES

Edible parts: Fruit

The fruit are eaten raw or used in drinks, liqueurs and sweets. They are also used for jam.

DESCRIPTION

A small to medium sized tree. It grows up to 10-20 m high. The trunk has grooves. The trunk is 30-50 cm across. The leaves are usually unequal on different sides. They are 4-12 cm long and 3-5 cm wide. The flowers occur singly. They are on 2-4 cm long stalks. They are in the axils of leaves. The fruit are greenish-yellow and like a small guava. They are 2-3 cm across. The pulp is sweet.

HABITAT

A tropical plant. It grows well in poor soils and can grow in hot, dry locations. It can tolerate some frost. It grows naturally in the hot, dry savannah areas in Brazil. In Argentina it grows from sea level to 1,000 m above sea level.

PRODUCTION

Cultivation

Plants are grown from seed. The ripe fruit are harvested and then seeds washed out. The seeds are dried in the shade. The fresh seed are planted. They germinate in 15-30 days. Seedlings can be transplanted into the field after 6-7 days.

Harvesting and Seed Production

Plants only grow slowly. The fruiting season can last 6 months.

NOTES

There are at least 11 Campomanesia species. It is high in Vitamins.

REFERENCES

Alimenticias - FloraSBS

Andrare, G. M. M., et al, 2023, Plantas Alimenticias Nao Convencionais (PANC) Nos Levantamentos Etnobotanicos do Brazil. Novos Cadernos NAEA v. 25 No. 2 p 215

Barbieri, R. L., et al, 2014, Agricultural Biodiversity in Southern Brazil: Integrating Efforts for Conservation and Use of Neglected and Underutilized Species. Sustainability 6:741-757

Bortolotto, I. M., et al, 2018, Lista preliminar das plantas alimenticias nativas de Mato Grosso do Sul, Brasil. Iheringia, Serie Botanica, Porto Alegre, 73 (supl.):101-116

Brack, P., et al, 2020, Frutas nativas do Rio Grande do Sul, Brasil: riqueza e potencial alimentício.
Native fruits of Rio Grande do Sul, Brazil: richness and potential as food. Rodriguésia 71: e03102018.

Brazil: Biodiversity for Food and Nutrition

Coradin, L. et al (Eds), 2011, Especies Nativas da Flora Brasileira de Valor Economico Atual ou Potencial. Brasilia MMA. p 159

da Cruz Alves, Thiago, 2020, Plantas Alimentícias Não Convencionais (PANC) da Travessia Teresópolis - Petrópolis, Serra dos Órgãos, RJ / Thiago da Cruz Alves. - Rio de Janeiro, 2020. p 32, 82

Grandtner, M. M. & Chevrette, J., 2013, Dictionary of Trees, Volume 2: South America: Nomenclature, Taxonomy and Ecology. Academic Press p 97

Hunter, D., et al, 2019, The potential of neglected and underutilized species for improving diets and nutrition. Planta (2019) 250:709-729

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 214

Kinupp, V. F., 2007, Plantas alimenticias nao-convencionais da regiao metropolitana de Porto Alegre, RS, Brazil p 85

Kinupp, V. F. & Bergman, I., 2008, Protein and minerals of native species, potential vegetables and fruits. Cienc.Tecnol. Aliment. Vol. 28 No. 4 Campinas Oct/Dec.

Kujawska, M. & Luczaj, L., 2015, Wild Edible Plants Used by the Polish Community in Misiones, Argentina. Human Ecology 43:855-869

Lorenzi, H., 2002, Brazilian Trees. A Guide to the Identification and Cultivation of Brazilian Native Trees. Vol. 01 Nova Odessa, SP, Instituto Plantarum p 273

Lorenzi, H., Bacher, L., Lacerda, M. & Sartori, S., 2006, Brazilian Fruits & Cultivated Exotics. Sao Paulo, Instituto Plantarum de Estuados da Flora Ltda. p 189

C. F. P. Martius, Fl. bras. 14(1):451. 1857

Peres, M. K., 2011, Diasporos do Cerrado Atrativos para Fauna: Chave Interativa Caracterizacao Visual e Relacoes Ecologicas. Masters thesis. Universidade de Brasilia.

Silva, S y H. Tassara.1996. Frutas no Brasil. Empresa das Artes. São Paulo

Villachica, H. 1996. Frutales y hortalizas promisorios de la Amazonía. Tratado de Cooperación Amazónica.

www.colecionandofrutas.org

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/7118baa1-76b8-4528-b5f9-ca6f88ff8366