



PLANT FACT SHEET

Cyclanthera pedata (L.) Schrad.

GENUS *Cyclanthera* FAMILY Cucurbitaceae

COMMON NAMES Calabash gourd

EDIBLE PARTS AND USES

Edible parts: Leaves, Fruit, Flowers, Vegetable

Young fruit can be eaten raw or made into pickles. Mature fruit are cooked with oil and vinegar or added to soups and stews.

Leaves and shoots can be eaten.

DESCRIPTION

A creeping pumpkin family plant. It can easily grow 2 m long. It climbs using tendrils. These can be divided twice or many times. The leaves are lobed and have teeth along the edge. The flowers occur in the axils of leaves. The flowers are small and cream coloured. The fruit are like small cucumbers. They can have stout prickles. They are edible. There are 10 seeds in each fruit.

HABITAT

A tropical plant. It occurs in the Andes. It can be grown in warm temperate places. In the tropics it grows between 2,000-3,000 m above sea level. They grow in Nepal to about 2500 m altitude. In Argentina it grows between 500-2,800 m above sea level. In Yunnan.

PRODUCTION

Cultivation

Plants are grown from seed. A spacing of 90 cm is suitable. Plants should be staked.

Harvesting and Seed Production

It flowers in 40-55 days and fruit can be harvested in 80-90 days. There are normally several harvests of fruit.

REFERENCES

- Andrade, G. M. M., et al, 2023, Plantas Alimenticias Nao Convencionais (PANC) Nos Levantamentos Etnobotanicos do Brazil. Novos Cadernos NAEA v. 25 No. 2 p 207
- Bennett, B. C., 1990, Useful Plants of Amazonian Ecuador. US Agency for International Development. Fifth Progress Report. New York Botanical Gardens. p 40
- Castillo, R. O., 1995, Plant Genetic Resources in the Andes: Impact, Conservation, and Management. Crop Science 35:355-360

- Esquinas-Alcazar, et al, 1983, Genetic Resources of Cucurbitaceae. International Board of Plant Genetic Resources.
- Facciola, S., 1998, Cornucopia 2: a Source Book of Edible Plants. Kampong Publications, p 87
- FAO, 1993, Valor Nutritivo Y Usos en Alimentacion humana de Algunos Cultivos Autoctonos Subexplotados de Mesoamerica. FAO, Santiago, Chile. p 54
- Feld, D., 2021, A Systematic Checklist of Food Plants, including Herbs and Spices, and with an Index. p 9

- Goode, J. & Willson, C., 1987, Fruit and Vegetables of the world. Lothian. p 12
- Grubben, G. J. H. and Denton, O. A. (eds), 2004, Plant Resources of Tropical Africa 2. Vegetables. PROTA, Wageningen, Netherlands. p 277
- Guo, C., et al, 2022, An Ethnobotany Survey of Wild Plants Used by the Tibetan People in Gyirong Valley, Tibet, China. *Journal of Ethnobiology and Ethnomedicine* 18:67 p 5
- Hernandez Bermejo, J.E., and Leon, J. (Eds.), 1994, Neglected Crops. 1492 from a different perspective. *FAO Plant Production and Protection Series No 26*. FAO, Rome. p18
- Ind. sem. hort. acad. goetting. 1831; *Linnaea* 8: Litt. 23. 1833
- Kays, S. J., and Dias, J. C. S., 1995, Common Names of Commercially Cultivated Vegetables of the World in 15 languages. *Economic Botany*, Vol. 49, No. 2, pp. 115-152
- Kermath, B. M., et al, 2014, 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. On line draft. p 288
- Kew Plants of the World Online
- Kiple, K.F. & Ornelas, K.C., (eds), 2000, *The Cambridge World History of Food*. CUP p 1797
- Konsam, S., et al, 2016, Assessment of wild leafy vegetables traditionally consumed by the ethnic communities of Manipur, northeast India. *Journal of Ethnobiology and Ethnomedicine*, 12:9
- Kuhnlein, H. V., et al, 2009, Indigenous Peoples' food systems. *FAO Rome* p 82
- Macbride, J. F., 1937, *Flora of Peru*. Vol. 8, Part 6 No. 2 p 372
- Maizumi, S. Y., et al, 2018, The legacy of 4,500 years of polyculture agroforestry in the eastern Amazon. *Open Research Exeter*. p 37
- Manandhar, N.P., 2002, *Plants and People of Nepal*. Timber Press. Portland, Oregon. p 182
- Martin, F.W. & Ruberte, R.M., 1979, *Edible Leaves of the Tropics*. Antillian College Press, Mayaguez, Puerto Rico. p 189
- Medhi, P. & Borthakur, S. K., 2012, Phytoresources from North Cachur Hills of Assam -3: Edible plants sold at Hflong market. *Indian Journal of Natural Products and Resources*. 3(1) pp 84-109
- Plants for a Future database, The Field, Penpol, Lostwithiel, Cornwall, PL22 0NG, UK.
<http://www.scs.leeds.ac.uk/pfaf/>
- Purseglove, J.W., 1968, *Tropical Crops Dicotyledons*, Longmans. p 100
- Roa, J. A. G. & Boada, D. S. G., 2018, *Fundación para el Fortalecimiento de la Fruticultura y Plantas Alimenticias no Convencionales en Colombia*.
- Sharma, B.B., 2005, *Growing fruits and vegetables*. Publications Division. Ministry of Information and broadcasting. India. p 187
- Smith, N., Mori, S.A., et al, 2004, *Flowering Plants of the Neotropics*. Princeton. p 121
- Tapia, M. E., The role of under-utilised plant species with regard to increased food security and improved health of poor people, in mountain regions. *IIAP-PNUD/Peru*
- Terra, G.J.A., 1973, *Tropical Vegetables*. Communication 54e Royal Tropical Institute, Amsterdam, p 43
- Torre, de la, L., et al, 2008, *Enciclopedia de las Plantas Útiles del Ecuador*. Herbario QCA. Pontificia Universidad Católica del Ecuador. p 299
- 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)
- Vael, L., 2015, Ethnobotanical study of the plant use in the natural landscape of two mestizo communities in the Ucayali region of the Peruvian Amazon. *Universiteit Gent*.
- van Wyk, B., 2005, *Food Plants of the World. An illustrated guide*. Timber press. p 160
- Vasquez, R. and Gentry, A. H., 1989, Use and Misuse of Forest-harvested Fruits in the Iquitos Area. *Conservation Biology* 3(4): 350f
- Walters, T. W., 1989, Historical Overview on Domesticated Plants in China with Special Emphasis on the Cucurbitaceae. *Economic Botany* 43(3): 297-313
- Wiersema, J. H. & Leon, B., 2013, *World Economic Plants. A Standard Reference* CRC Press. 2nd Ed. p 223
- World Checklist of Useful Plant Species 2020. Royal Botanic Gardens, Kew
- Yang, Si-Lin and Walters, T. W., 1992, Ethnobotany and the Economic role of the Cucurbitaceae of China. *Economic Botany*, Vol. 46, No. 4, pp. 349-367

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/3d2e6e1c-cdef-41db-afb0-d65d52ae5f65>