PLANT FACT SHEET

Solanum curtilobum Juz. & Bukasov

GENUS *Solanum* **FAMILY** Solanaceae

COMMON NAMES Rucki, Bitter potato, Choque pitu

EDIBLE PARTS AND USES

Edible parts: Root, Tuber

The tubers are frozen, thawed and dried. This removes the glycoalkaloides which make them bitter. The processed product is called chuno.
White chuno is made by freezing, peeling, soaking and sun drying. For black chuno the potatoes are not soaked. They are often used in soups and stews and combined with barley and herbs.

DESCRIPTION

A natural hybrid. It is a herb. It grows 50-90 cm tall. It has a tuberous rootstock.

HABITAT

A tropical plant. It grows on the altiplano in the Andes. It grows at about 3,800 m above sea level.

NOTES

There are about 1400 Solanum species.
It is a pentaploid.

REFERENCES

Facciola, S., 1998, Cornucopia 2: a Source Book of Edible Plants. Kampong Publications, p 236

Kiple, K.F. & Ornelas, K.C., (eds), 2000, The Cambridge World History of Food. CUP p 1733

Lim, T. K., 2015, Edible Medicinal and Non Medicinal Plants. Volume 9, Modified Stems, Roots, Bulbs. Springer p 78

Plants for a Future database, The Field, Penpol, Lostwithiel, Cornwall, PL22 0NG, UK. http://www.scs.leeds.ac.uk/pfaf/

Samuels, J., 2015, Biodiversity of Food Species of the Solanaceae Family: A Preliminary Taxonomic Inventory of Subfamily Solanoideae. Resources 2015, 4. 277-322

Ulian, T., et al, 2020, Unlocking plant resources to support food security and promote sustainable agriculture. Plants, People, Planet. 2020;2:421–445.

Velasquez-Milla, D., et al, 2011, Ecological and socio-cultural factors influencing in situ conservation of crop diversity by traditional Andean households in Peru. Journal of Ethnobiology and Ethnomedicine 7:40

Wiersema, J. H. & Leon, B., 2013, World Economic Plants. A Standard Reference CRC Press. 2nd Ed. p 643

World Checklist of Useful Plant Species 2020. Royal Botanic Gardens, Kew

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

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ONLINE FACT SHEET https://www.echocommunity.org/en/resources/88a8d697-7bb5-4c7d-abad-cdb0fb27e8e9