



***Citrus natsudaoidai* Hayata**

**Family:** Rutaceae

**Common names:** Japanese summer orange



**Description:**

*Citrus natsudaoidai* is a large shrub or small to moderate-sized tree, reaching 5–15 m tall, with spiny shoots and alternately arranged evergreen leaves with an entire margin. The flowers are solitary or in small corymbs, each flower 2–4 cm diameter, with five white petals and numerous stamens; they are often very strongly scented. Fruit is about the size of grapefruit and oblate in shape. The fruit contains 12 segments and about 30 seeds.

**Utilization:**

These are generally eaten fresh. It is also used for wide variety of products like alcoholic beverages. Oranges were historically used for their high content of vitamin C, which prevents scurvy.

Part	Uses
Essential oil	Antibacterial, Acne
Peel Extract	chronic allergic dermatitis

**References:**

Kim S.S, Baik J.S, OH T.H, Yoon W.J, Lee N.H and Hyun C.G; (2008) Biological Activities of Korean *Citrus obovoides* and *Citrus natsudaoidai* Essential Oils against Acne-Inducing Bacteria, *Bioscience, Biotechnology, and Biochemistry*, 72:10, 2507-2513, DOI: 10.1271/bbb.70388.

Nakayama N, Yamaura K, Shimada M, Ueno K; (2011) Extract from peel of *Citrus natsudaoidai* alleviates experimental chronic allergic dermatitis in mice. *Phcog Res* ;3:155-9.