



***Malus baccata* (L.) Borkh.**

Family: *Rosaceae*

Common names: Siberian crab apple, Crab Apple Palti



Description:

Malus baccata is a deciduous tree, it is common to mixed forests on hilly slopes at elevations up to 1500 m. It grows up to 10–14 meters high. It has overhanging red-brown branches and red-brown buds. Petioles are 2–5 cm long, with few glands. Leaves are elliptic or egg-shaped, Pedicels are slender and 1.5–4 cm long. Flowers are white and fragrant. Fruits are red to yellow and spherical, only about 1 cm in diameter; they form dense clusters and resemble cherries from a distance.

Utilization:

It is grown as an ornamental plant for its flowers and fruit. Fruits are edible and are eaten fresh or dried. It is used for experimental breeding and grafting of other crab apples and domesticated apples as well (John and Ping, 1987).

Part used	Disease
Fruit	Radio protective effect
Leaves	Antioxidant properties

References:

- John C. R, Ping Sun L; (1987) A Profile of economic plants. Transaction Publishers. pp.238–.ISBN 978-0-88738-167-6.
- Zhao H, Hu X, Chen X, Shi S, Jiang X, Liang X, Chen W, Zhang S; (2015) Analysis and improved characterization of minor antioxidants from leaves of *Malus doumeri* using a combination of major constituents' knockout with high-performance liquid chromatography–diode array detector–quadrupole time-of-flight tandem mass spectrometry. *Journal of Chromatography A*, 1398, 57-65.