

A Review on Passion Fruits and it's Pharmacological Benefits

Bhagavat P Barve¹, Dr Shivshankar D Mhaske², Komal Dhore³, Shradha Saubhage Rohit Gwai⁴

Student of Final B pharm Final Year, Satyajeet College of Pharmacy, Mehkar, India ^{1,4}

Principal, Satyajeet College of Pharmacy, Mehkar, India²

Professor, Satyajeet College of Pharmacy, Mehkar, India³

bhagawatbarve@gmail.com

Abstract: *Passiflora edulis* is a passion fruits, due to the various pharmacological activity of these fruits. This plant has a base of medicinal properties used as a home remedy. The largest family of passionflowers is the passion fruit used as a variety of marketed product. Passion fruit and the whole plant are very use-full. It has pharmacological activities such as anti-diabetic, analgesic, anti-microbial, anti-neoplastic, anti-oxidant, anti-inflammatory, anti-cancer with around 600 species. The *passiflora* genus is the largest of the *Passiflora* family. Among them, passionflower has many medicinal values. It comes from the passionflower vine, native to Brazil and Argentina. A member of the passionflower family, it is widely grown in South America, the Caribbean, South Florida, South Africa, and Asia. The fruit is native to South America, belongs to the *passiflora* family, and is one of the fruits with the highest export value. *Passiflora* comes in two different forms, belongs to the *passiflora* family, and is one of the fruits with the highest export value. *Passiflora* comes in two different forms, standard yellow, which vary in acidity and starch content. The annual production is about 120 tons. Variety: there are two types of passion fruit in Bhutan, the purple type and the yellow, between 900 and 2000 meters above sea level. And the yellow type can generally grow below 1000 meters above sea level. The temperature 18-23 °C is conducive to flowering and fruit setting of purple passion fruit type, is higher is needed to promote juice production and improve quality of soil. Passion fruit grows on a variety of soil types, but light to heavy sandy loam of medium texture is suitable, and there are also many useful chemical components, such as volatile oils, flavonoids, lipids, and terpenoids, as well as aldehydes, ketones, tridecane, palmitic acid, stearic acid, lino, oleic acid, quercetin, apigenin. This chemical constituent can be used for various pharmacological and biological activities and market potential of plant and herbal preparation made from the leaves, stems, fruits, and pericarp of *P. edulis*.

Keywords: passion fruit, *Passiflora edulis*, Krishna KAMAL

