

PERIWRINKLE

BOTANICAL NAME	:-	Catharanthus roseus
FAMILY	:-	Rosaceae
LOCAL NAME	:-	Syntiew periwrinkle
HINDI NAME	:-	



PLANTS DESCRIPTION :-

It is an evergreen subshrub or herbaceous plant growing to 1 m tall. The flowers are white to dark pink with a darker red centre, with a basal tube 2.5-3 cm long and a corolla 2–5 cm diameter with five petal-like lobes. The leaves are oval to oblong, 2.5–9 cm long and 1–3.5 cm broad, glossy green, hairless, with a pale midrib and a short petiole 1–1.8 cm long; they are arranged in opposite pairs. The fruit is a pair of follicles 2–4 cm long and 3

PARTS USED :-

Leaves

MEDICINAL PROPERTIES AND USES :-

The extracts from the leaves have been used to treat numerous diseases, including diabetes, malaria, dysentery and toothache. Vincristine is used for leukemia and cancer treatment.

CHEMICAL COMPOSITION:-

The substances vinblastine and vincristine extracted from the plant. Vinblastine, Reserpine, Ibogaine, Yohimbine and Raubasine have also been identified from the plant.

PRODUCTION TECHNOLOGY :-

The plant as an ornamental plant thrives well in subtropical gardens where temperatures never fall below 5 °C to 7 °C, and as a warm-season bedding plant in temperate gardens. Full sun and well-drained soil are preferred. It can be propagated by cutting and seeds