

Hon. Nishikant Bhosale-Patil (Dada) Founder, Prakash Shikshan Mandal, Islampur



Prakash Shikshan Mandal's

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DIST-SANGLI (MAHARASHTRA) INDIA

DEPARTMENT OF DRAVYAGUNA



SILVER OAK

Marathi:

Botanicalname: Grevillea robusta

Synonyms:

Family: Proteaceae.

Commonname: commonly known as the southern silky oak, silk oak or silky oak, silver oak

or Australian silver oak

Description: Grevillearobusta is a fast-growing <u>evergreen</u> tree with a single main trunk, growing to 5–40 m (20–100 ft) tall. The bark is dark grey and furrowed. Its leaves are fern-like, 10–34 cm (4–10 in) long, 9–15 cm (4–6 in) wide and divided with between 11 and 31 main lobes. Each lobe is sometimes further divided into as many as four, each one linear to narrow triangular in shape. It loses many of its leaves just before flowering. The flowers are arranged in one-sided, "toothbrush"-like groups, sometimes branched, 12–15 cm (5–6 in) long. The <u>carpel</u> (the female part) of each flower has a stalk 21–28 mm (0.8–1 in) long. The flowers are <u>glabrous</u> and mostly yellowish orange, or sometimes reddish. Flowering occurs from September to November and the fruit that follows is a glabrous follicle.

Attributes: Ras-...., Virya-...., Vipaka-...., Guna-.....

Medicinal uses: Before the advent of <u>aluminium</u>, Grevillearobusta timber was widely used for external window <u>joinery</u>, as it is resistant to <u>wood rot</u>. It has been used in the manufacture of <u>furniture</u>, <u>cabinetry</u>, and <u>fences</u>. Owing to declining G. robusta populations, felling has been restricted. Recently G. robusta has been used for side and back woods on <u>guitars</u> made by <u>Larrivée</u> and others, because of its <u>tonal</u> and aesthetic qualities.