

***Callistemon lanceolatus* DC.**

Family: Myrtaceae

Common names: Bottle brush

Part used: Leaf



Fig. *Callistemon lanceolatus*

Description:

Callistemon lanceolatus is endemic to Australia but now widely planted all over the world including India. It is a shrub or small tree grows up to 7.5 m in height. Leaves are long, lance-shaped with prominent vein, midrib and oil gland. Flowers are crimson in colour with dark red anthers, in 10 cm long spikes. Each flower head produces a large quantity of triple-celled seed capsules which remain on the plant within the seeds until stimulated to open.

Utilization:

It is grown as an ornamental plant. The flowers are very attractive. Leaves yield an essential oil. It is used for forestry, essential oil production, farm tree, windbreak plantings, degraded- land reclamation (Spencer & Lumley, 1991). It is also used as bio-indicators for environmental management (Burchett et al, 2002).

References:

Spencer, R. D., & Lumley, P. F. (1991). *Callistemon*. *Flora of New South Wales*, 2, 168-173.
Burchett, M., Mousine, R., & Tarran, J. (2002). Phytomonitoring for urban environmental management. In *Air Pollution and Plant Biotechnology* (pp. 61-91). Springer, Tokyo.