

CALENDULA(POT MARIGOLD)

BOTANICAL NAME	:-	Calendula officinalis
FAMILY	:-	Asteraceae
LOCAL NAME	:-	Calendula
HINDI NAME	:-	Zergut



HABITS AND HABITATS :-

These annual herbs, grown as ornamental plant throughout India. It comprise of 25 species while 2 are native to India.

PLANTS DESCRIPTION :-

The plant is a hardly annual 30 cm tall, with bright orange-yellow flowers. The stem erects a hollow inside. It grows well in ordinary rich soil, sunny or semi-shady situation. Multiplication is through seeds.

PARTS USED:-

Whole plant, leaves and flowers.

MEDICINAL PROPERTIES AND USES:-

The flowers are used in ointment for treating wounds, herbs, ulcers, frostbite, skin damage and scare. The leaf infusion is used for treating varicose veins externally.

CHEMICAL COMPOSITION:-

Plant contain triterpene saponins, Oleanolic acid, mono and di-glycosides, flavonoids, hydroxyl coumarins including umbelliferone, Scopoletin, cortinoids, sesquiterpene glycosides, volatile oil, arobinogalactane and polyenes.

PRODUCTION TECHNOLOGY:-

The plant is propagated by seed, usually in the spring or autumn seasons. The plant need a well drained to poor soil but in full shady condition. Dead floral must be remove to prevent un-necessary self growing plants. The plant should also be protecting from caterpillars, powdery mildew, rust, and cucumber mosaic virus that can attack the plant. The flowers and the whole is harvest in the dry season, in dry condition and it is used fresh or dried in infusion.