

# Ekangi, Chandramula



*Kaempferia galanga* Linn.

**Family:** Zingiberaceae

**Habit :** Rhizomatous herb.

**Origin & Distribution:** The plant is native to South East Asia; cultivated at different places in India.

### **Therapeutic uses**

**Rhizome:** Used as carminative, expectorant and stimulant. Used for respiratory ailments like cough, bronchitis and asthma.

**Soil and climate:** Grows well in rich, well-drained moist loamy to sandy loam soils in partial shade or open. It also grows in laterite soils rich in organic matter with good moisture holding capacity.

**Land preparation:** Land is prepared by ploughing 2 – 3 times with mixing of 12-15 MT./Ha. FYM, straw & leaf moulds etc. and leveled properly. Then 20-22cm wide and 6-7cm high ridges are made in rows 30cm to 38cm apart. Land is divided in sections and small canals are made for drainage.

**Planting:** The rhizome pieces are transplanted at 20-25cm apart in furrows made in each row during the month may end or June after pre monsoon.

**Irrigation:** Depending on the weather condition. In case of absence of rain or late rain 2/1 irrigation is necessary.

**Weeding:** Weeding is done at regular interval to encourage good growth and yield.

**Pests and diseases:** The species is hardy and generally not attacked by any pests and diseases of a serious nature.

**Harvesting:** The crop is harvested when the aerial part dried up at after 7 - 8months of planting in the months January-February. The rhizomes are harvested by digging the plants.

**Post-harvest management:** The fresh rhizomes are cut into pieces and dried well on sun before packing in bags.

**Yield:** Approx. 3500 kg dry rhizomes/ ha. can be harvested.

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