

Makoy

SOLANUM NIGRUM LINN. FAMILY - SOLANACEAE

Makoy is an erect herb 30-60 cm high with small white flower and green berries (fruits) turns red or black on ripening seeds; discoid, smooth yellowish. Flowering & fruiting - August to October. It grows as a weed throughout dry parts of India.

COMMON NAMES: Gurkkamai, Kakamaci & Black night-shade.

LOCATION: Throughout dry parts of India up to 800 m altitude.

PART USED: Whole Plant

CULTIVATION:

SOIL AND CLIMATE

The plant grows in different kinds of soil including dry, stony, shallow or deep soils. It usually grows in moist habitat in wastelands or as weed. It can be cultivated in tropical and sub-tropical agro-climatic regions.

NURSERY RAISING AND PLANTING

The seeds are sown during April-May in well manured nursery beds. It takes about 15-30 days to grow. The seedlings are developed in about 20-30 days after sowing. The seedlings are transplanted in rows & 60x60cm apart in the well prepared field.

WEEDING AND HOEING

Periodical hoeing is done, both in the nursery and field as per requirement.

MANURES, FERTILISERS AND PESTICIDES

The medicinal plants have to be grown without chemical fertilizers and use of pesticides. Organic manures like, Farm Yard Manure (FYM), Vermi-Compost, Green Manure etc. may be used as per requirement of the species. To prevent diseases, bio-pesticides could be prepared (either single or mixture) from Neem (kernel, seeds & leaves), Chitrakmool, Dhatura, Cow's urine etc.

IRRIGATION

The nursery beds and plantation should be irrigated periodically as and when required weekly or fortnightly. The plants are irrigated till it flowers.

HARVESTING/POST-HARVESTING

The crop is usually ready for harvesting after 4-6 months depending upon the climate and soil. The plants are collected and dried in shade.

ECONOMICS

The rate for a kg. of dried whole plant ranges from Rs. 45-50. (YEAR-2001)

NOTE: MARKET FOR MEDICINAL PLANTS IS VOLATILE AND THE ECONOMICS MAY VARY.

INSTITUTE TO BE CONTACTED:

**MIEDICINAL PLANTS GARDEN &
ERBARIUM,
JOGINDER NAGAR (H. P.)**