

CULTIVATION PRACTICES OF GREEN LEAFY VEGETABLES

AMARANTHUS (Amaranthus sp L.)

Varieties:	Co 1 (Thandukeerai) Co 2 (Thandukeerai) Co 3 (Clipping) Co 4 (Grain)
Soil	Well drained loamy soils with slightly acidic nature and warm climate are suitable for amaranthus cultivation.
Season of sowing	Sowing can be done throughout the year.
Seed rate	2.5 kg/ ha of seeds broadcasted evenly on the beds after mixing with sand.
Field preparation	The field is prepared to a fine tilth and form beds of 2 x1.5 m size. After germination thin the seedlings to have a spacing of 12 – 15 cm.
Irrigation	Irrigate before and after sowing and at weekly intervals after germination.
Application of fertilizers	Apply FYM 25 t/ha, Azospirillum 2 kg and Phosphobacteria 2kg/ha, N 75kg and K 25 kg/ha as basal dose.
Harvest and Yield	25 days after sowing for CO1, CO2 (10t /ha) 40 days after sowing for CO5 (16 t/ha) Clipping types 10 clippings at weekly intervals (30 t /ha) Grain types Co 4: 2.4 t grains/ha +8 tonnes of tender greens.

CURRY LEAF (Murraya koenigii Linn. Sprengel)

Varieties:	Dharwad-1 and Dharwad-2
Soil	<ul style="list-style-type: none"> 👉 Red sandy loam soils with good drainage are ideal for better leaf yield. 👉 The optimum temperature requirement is 26° to 37°C.
Season of sowing	<ul style="list-style-type: none"> 👉 The main season of availability of curry leaf fruits is July–August. 👉 One year old seedlings are suitable for planting. 👉 One seedling is planted at the centre of the pit.
Seed rate	
Field preparation	<ul style="list-style-type: none"> 👉 The field is ploughed 3-4 times to get a fine tilth. 👉 Before last ploughing well decomposed FYM is applied @ 20 t/ha. 👉 Pit size of 30 x30x30 cm is dug one to two months before planting at a spacing of 1.2 to 1.5 m.
Irrigation	<ul style="list-style-type: none"> 👉 Immediately after planting the pits are irrigated. 👉 On the third day these cond irrigation is given and then the irrigation is given once in a week.
Application of fertilizers	<ul style="list-style-type: none"> 👉 After each harvest 20 kg of FYM /plant is applied and mixed with soil.
Inter cultivation	<ul style="list-style-type: none"> 👉 Periodical hoeing and in the first-year intercrop like pulses can be grown. 👉 Ten to twelve months after planting the first harvest starts
Harvest and Yield	<ul style="list-style-type: none"> 👉 At the end of first year 250-400 kg of leaves /ha can be harvested.

	<p>👉 In II year: Once in 4 months every time 1800kg /ha which would work out to 5400 kg/ha/year</p> <p>👉 III year: Yield 5400 kg/ha</p> <p>👉 IV year :2500 kg/ha once in 3 months which would work out to10,000 kg/ha/year</p> <p>👉 V year onwards: 5000 kg/ha once in 3months which work out to20,000 kg/ha/year</p>
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