

**A. ANNUA CV. Jeevan Raksha**  
Cultivation calendar for Different Agro-climatic areas.

S. No.	Activity & Step	UT	MP	GUJ
1.	Nursery preparation and sowing of seeds	Mid December	Mid of Nov	Oct last or Nov 1 <sup>st</sup>
2.	Field preparation, application of fertilizers and transplanting	Jan last week (45 days after sowing)	Dec last week (45 days after sowing)	Mid Dec (45 days after sowing)
3.	Top dressing of N	25 days after transplanting (Mid Feb)	20 days after transplanting (Mid Jan )	20 days after transplanting ( Start of Jan)
4.	Second split dose of N	After 25 after 1 <sup>st</sup> dose days (Mid March)	After 25 after 1 <sup>st</sup> dose days (Mid Feb)	After 25 after 1 <sup>st</sup> dose days (Jan End)
5.	Third split dose of N	After 25 after 2 <sup>nd</sup> dose days (Mid April)	After 25 after 2 <sup>nd</sup> dose days (Mid March)	After 25 after 2 <sup>nd</sup> dose days (Feb End)
6.	Harvesting	After 120 to 130 days from the day of transplant. (May)	After 110 to 120 days from the day of transplant. ( April)	After 110 to 120 days from the day of transplant. (March )

**Cropping History of the field**

The crops grown during past 3 years in experimental field are as below:

Year	Ratlam			Vadodara			Pantnagar		
	Kharif	Rabi	Summer	Khari f	Rabi	Summer	Khar if	Rabi	Summer
	Fallow	Artemisia annua	Fallow	Fallow	Artemisia annua	Fallow		Artemisia annua	
	Fallow	Artemisia annua	Fallow	Fallow	Artemisia annua	Fallow		Artemisia annua	
	Fallow	Artemisia annua	Fallow	Fallow	Artemisia annua	Fallow		Artemisia annua	

**Artemisia annua Cultivation method**

<b>Common Name</b>	Quinghao, Sweet Wormwood
<b>Scientific Name</b>	<i>Artemisia annua</i> Linn
<b>Family</b>	Asteraceae (Compositae)

<b>Uses</b>	Antimalarial (Source of artemisinin)
<b>Plant Characties</b>	Annual, Erect, glabrous, & strong scented ,multicut around 2.0 M tall
<b>Climate</b>	Subtropical and tropical to temperate, can be grow in almost all type of climate, warm and humid climates are favourable for its growth
<b>Soil</b>	Well drained porous soil with acidic to netural reaction, light textured soil are favourable, highly sensitive to water logging
<b>Propagation/ Nursery</b>	Propagation through seeds, Seed rate @ 50g/ha. And 150 sq.m for one hectare raising nursery
<b>Land Preparation &amp; transplanting</b>	45-50 days old seedling (7-10 leaf stage) are transplanted at the distance of 50cm(between row) and 30cm (between plants), about 60,000 seedlings essential for one hectare
<b>Manures &amp; Fertilizer</b>	100-150 :50:50 Kg. N,P,& K, P Phosphorus and Potash at the time of transplanting and N in 3 to 4 Splits
<b>Irrigation</b>	To be irrigated immediately after transplanting and thereafter as and when required, 5-7 irrigation generally required
<b>Pest and Diseases</b>	No serious pest and disease have been observed
<b>Harvesting</b>	Harvested at full Vegetative stage before flowering(2.00 M) at 120 days after transplanting
<b>Drying</b>	Green herbage is shade dried to about 10% Moisture
<b>Yield</b>	2500-3500 Kg. dried leaves in one hectare at one cutting