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KALMEGH CULTIVATION

Introduction:



Kalmegh is hardy plant and has been used as medicine since time immemorial. This plant is also known as 'Rice bitter' in West Indies and 'King of bitters' or 'Chiretta' in England. The fresh and dried leaves of Kalmegh are used as drugs in India. Branches are quadrangular and narrowly winged towards the apical region.

Variety: *Andrographis Paniculata*

Uses:

- ✓ Digestive: Promotes Digestion
- ✓ Hepatoprotective: Protects the liver and gall bladder.
- ✓ Vermicidal: Kills intestinal worms & support intestine.
- ✓ Anti-acne: Protect skin from pimples.
- ✓ Anti-inflammatory: Reduces swelling and cuts down exudation from capillaries.
- ✓ Expectorant: Promotes mucus discharge from the respiratory system.
- ✓ Hypoglycemic: Blood sugar reducer. Immune Enhancement.
- ✓ Laxative: Aids bowel elimination.

Cultivation:

It can be cultivated on wide range of soils from loam to lateritic soils with moderate fertility. It can be cultivated on shady wastelands also. The climatic requirement of the plant is hot and humid conditions with ample sunshine. With the onset of monsoon, plant grows luxuriantly and starts flowering with the moderation in temperature during September. Flowering and fruiting continues up to December until temperature drops drastically in Northern plains.



Species:

Kalmegh is a bitter annual (perennial, if maintained) herb, erect, 50 cm to 1m. In Height, stem quadrangular, much branched; leaves opposite, short petioled; flowers in racemes.

Marketing:

Globe demand for Kalmegh is necessitating the cultivation. As illustrated, Kalmegh is a precious medicinal plant with expanding demand in domestic & international market. Forest was the only source, which is fast depleting since over-exploitation. Hence its cultivation is a must.

Harvesting:

Maximum herb biomass can be obtained in 90-100 days beyond which leaves start shedding. If crop is raised as annual crop and planted during the month of May-June, it should be harvested by the end of September when flowering is initiated. At the time of flower initiation, active principle andrographolide is high in leaves. Since the whole plant contains active principles, entire harvested material is dried in shade and powdered.

Economics Of One Acre Kalmegh Cultivation:

Expenditure:

Distance (in acre)	Kit (1 kg) (in land)	Cost of Kit (per Kit)	Total	Other Expenses (As Per Re- quirement)	Cost of cultivation
6inchX2 ft	2 kit	3500 Rs	3500X2= 7,000 /-	Fertilizers Land prepara- tion Labor ex- penses etc.	7,000/-
Total Expenses: 7,000/-					

Income:

1) Income From Seeds:

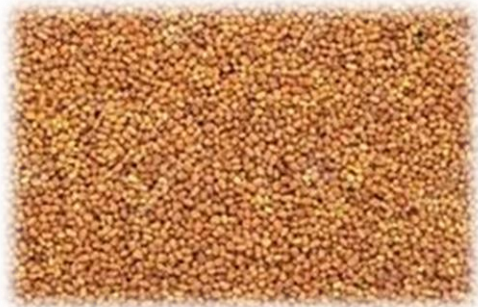
Income of Month	Production	Total kg (Approximated)	Company buy- back (per kg)	Total
In 6 th month	Seed	1000 kg	100 Rs	1000X100=1,00,000/-
	Whole Plant	600kg	20rs	600*20=12,000/-
Total Income From Seeds: 1,12,000/-				

Technical Support And Services:

We also provide technical support for farming. Our Service Department with technically qualified staff provide after sales service and farmers' advisory services to our customers to get better plant establishment and faster growth of Herbal and Horticultural plantations.

We have largest network of employees who deliver Plants to customers at their door steps. Free technical services to customers on planting method, management practices and plant protection measures. Our teams of Agricultural Experts periodically visits and supervise the plantations and suggest necessary guidelines to get better growth and higher returns. Services:

- This includes Supervision, consultancy, guidance, On Call
- First production starts after 6th month.
- Buy back agreement of Kalmegh.
- The income expenditure indicated by the company is an approximated figure, as it also depends on the nature and hard work of the farmer
- For 1 Acre plantation the cost of Plants is Rs. 7,000/-, out of which has to be paid before the cultivation and the remaining half after the planting is done.



**“Look deep into nature,
and then you will understand everything
better”)**

THANK YOU

For More Information Contact Us

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