



Maatitvatva
— Agro Industries Pvt. Ltd. —

SAFED MUSLI CULTIVATION



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➤ Introduction:



Safed Musli (*Chlorophytum borivilianum*) is a tuber crop belonging to the family Liliaceae. It is partly a herb with sub-erect lanceolate leaves. Safed Musli is found growing in thick forests in its natural form. The roots of safedmusli is reported to contain 2-15% saponin, which has the medicinal property of enhancing vitality and immunity to human beings. It also helps in correcting gynaecological disorders. Safed Musli is naturally grown in the hilly areas of Gujarat, Rajasthan and Madhya Pradesh. It is reported that the annual demand for dried safedMusli roots is 500t in India. The natural source is getting fast depleted necessitating field cultivation of this medicinally important crop.

➤ Uses:

Safed Musli is a rare herb from India. It is used in traditional systems of medicine including Ayurveda, Unani, and homeopathy. It is traditionally used for arthritis, cancer, diabetes, boosting vitality, improving sexual performance. There are many other therapeutic uses of safedmusli where dried tubers are used as a curative for pre-natal and post-natal illness, arthritis, restorative and a health tonic etc.

➤ Cultivation:

Safed Musli can be grown in hot and subtropical climate. Normally the agroclimatic conditions suitable for potato, onion and garlic are also suitable for safedmusli crop. Well drained soils with rich mineral content is ideal for this crop. Hard and acidic soils are to be avoided.



➤ Species:

The flower cluster are dense on the upper part of the scape ; bracts are linear,papery and purplish,1.0,10.5cm long ; pedicle whities& 6-10 mm long. It bears green green to yellow coloured fruit which is almost equal in length & breath.

➤ Marketing:

Globe demand for musli is necessiating the cultivation. As illustraled,safedMusli is a precious medicinal plant with expanding demand in domestic &internotionl market. forset was the only source, which is fast depleting since over expeloictation Hence its cultivation is must.

➤ Harvesting:



➤ Three to four months after planting, the leaves start yellowing. Subsequently they become dry and fall off and get detached from the tuber/ disc. The moisture level in the soil should be maintained for another two to three months. After this, the skin of tubers mature and it turns dark brown. At this stage the tubers and fingers are dug out.

➤ Economics Of One Acre Safed Musli Cultivation:

Expenditure:

Distance (in acre)	Kand (in land)	Cost of Kand (per kg)	Total	Other Expenses (As Per Requirement)	Cost of Cultivation
6inchX2 ft	300 kg	500Rs./-	300X400 = 1,20,000 /-	Fertilizers Land preparation Labor expenses etc.	1,20,000/-
Total Expenses: 1,20,000/-					

Income:

Income of Month	Dry Root (Approximated)	Company buy-back (per kg)	Total
In 6 th month	Dry Root 500 kg	800 Rs	500X800= 4,00,000/-
Total Income: 4,00,000/-			

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 visit 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 Safed Musli.
- For 1 Acre plantation the cost of Plants is Rs. 1,20,000/-, out of which 50% has to be paid before the cultivation and the remaining half after the planting is done.
- The income expenditure indicated by the company is an approximated figure, as it also depends on the nature and hard work of the farmer
- Black Safed Musli growing first harvesting practical training.
- Plantation cost is to be borne only once and then for next 6-7-month yield can be extracted.

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

THANK YOU

For More Information Contact Us

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