

Maatitatva Agro Industries Pvt. Ltd.

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Stevia-Plant Cultivation

Introduction:



Stevia leaves have functional and sensory properties superior to those of many other high potency sweeteners. Stevia is likely to become a major source of high potency sweetener for the growing natural food market in the future. Although Stevia can be helpful to anyone, there are certain groups who are more likely to benefit from its remarkable sweetening potential. These include diabetics, those interested in decreasing caloric intake, and children.

<u>Usage:</u>

Stevia rebaudiana is a small perennial growing up to 65-80 cm tall, with sessile, oppositely arranged leaves. Different species of Stevia contain several potential sweetening compounds, with Stevia rebaudiana being the sweetest of all. Stevia is a semi-humid subtropical plant that can be grown easily like any other vegetable crop even in the kitchen garden. The soil should be in the pH range of 6.5-7.5; well-drained red soil and sandy loam soil.

Distribution:

Stevia is been successfully cultivated in the recent years at many areas of Rajasthan, Maharashtra, Kerala, Tamil Nadu and Orissa. The increasing demands for natural sweeteners have driven the farmers in India for Stevia cultivation in large scalelt is grown successfully in marginal to sub marginal soils having low fertility. However, it is observed that its growth is faster under medium fertile heavier soils.



Chemical Composition:

Diterpene Glycoside is the group of natural sweeteners that have been extracted from Stevia. The leaves of wild Stevia plants contain 0.3 % dulcoside, 0.6% rebaudioside C, 3.8rebaudiosideA and 9.1 % Steviosides.

Usage:

 ${f S}$ tevia is safe for diabetics, as it does, not affect blood sugar levels. Stevia does not have the

neurological or renal side effects of some of the artificial sweeteners. Stevia possess anti-fungal and anti-bacterial property also in addition to its other versatile uses. It can be safely used in herbal medicines, tonics for diabetic patients and

Also in the daily usage products like mouthwashes, and tooth pastes. Mild Stevia leaf tea offers excellent relief for an upset stomach Brief Investment:

100 kg of Stevia extract can be processed into 8-12 kg of final product (white sugar) which is 8-12%, the final product is called Steviosides"







➢ Economic Of One Acre Stevia Cultivation:

| Distance (in acre) | Sapling (in land) | Cost (per plants) | Total | Other Expenses (As Per Requirement) | Cost of cultivation | | | |
|---------------------------------|----------------------|----------------------|------------------------|--|---------------------|--|--|--|
| 1x1 ft | 30000 plants | 4 Rs. | 30000X4 =1,20,000/- | Fertilizers Land preparation Labor expenses etc. | 1,20,000/- | | | |
| Total Cost of Plant: 1,20,000/- | | | | | | | | |

Income:

| Income of year (Production start in 4 month) | From each plant (leaves) (Approximated) | Buy Back Rate | Company buy-back | Total Income (Approximated) | | | |
|--|---|------------------|--------------------------|--------------------------------|--|--|--|
| 1 st Year | 2000kg | 125 Rs/kg | 125X2000 =Rs.2,50,000/- | 2,50,000/- | | | |
| 2 nd Year | 2000kg | 125 Rs/kg | 125X2000=Rs.2,50,000/- | 2,50,000/- | | | |
| 3rd Year | 2000kg | 125 Rs/kg | 125X2000=Rs.2,50,000/- | 2,50,000/- | | | |
| 4 th Year | 2000kg | 125Rs/kg | 125X2000 =Rs.2,50,000/- | 2,50,000/- | | | |
| 5 th Year | 2000kg | 125 Rs/kg | 125X2000 = Rs.2,50,000/- | 2,50,000/- | | | |
| Total 5 years Income: 12,50,000/- | | | | | | | |

Technical Support & 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:

- 1. This includes Supervision, consultancy, guidance, Transportation cost first year.
- 2. First production start after 1th year and production will remain for next 5 year.
- 3. Buy back agreement of STEVIA.
- 4. The income expenditure indicated by the company is an approximated figure, as it also depends on the nature and hard work of the farmer

Terms And Conditions:

- 1. 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.
- 2. The Buy Back Agreement Stamp paper of Rs.100/- has to be stamped by District Court of your area.
- 3. For 10 Acre or more yield the buy Back Agreement Stamp Paper will be of Rs.500/-.







("Look deep into nature, and then you will understand everything better")

For More Information Contact Us :



MAATITATVA AGRO INDUSTRIES PVT. LTD.

GSTIN: -23AANCM8802G1ZF Reg. no:-U01409MP2020PTC053148

ISO 9001-2015 CERTIFIED Plot No: 622-623, Scheme no: -114 Part-2, Ring Road Bombay Hospital nearby Bharat petrol Pump, INDORE, MADHYA PRADESH (INDIA)

Booking No: -9926737937 Complain No:-0731-3555875 Service No: -9926707367 Helpline No: 9926737767 Contact Number: +91 9926737767, +91 9926737937, 0731-3555875

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"MAATITATVA AGRO INDUSTRIES PVT.LTD OF COMPANIES" was established in the year 2019 in Indore - Madhya Pradesh (India). The company is growing at a rapid pace under the farsighted guidance of highly skilled professionals. Besides, we also deal in "Contract Farming". Our experience in cultivation, marketing of plants and seeds enable us to assist the farmers in the best possible manner. Consequently, we have earned recognition in the market. We Have deal in herbal powder, Dry Herbs, Herbal Product, spices ETC.

Thank you