



**Maatitvatva**  
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# **Stevia-Plant Cultivation**



### ➤ Introduction:



**S**tevia 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.

### ➤ Usage:

**S**tevia 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:

**S**tevia 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 scale It 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:

**D**iterpene 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:

**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:

**Expenditure:**

Distance (in acre)	Sapling (in land)	Cost (per plants)	Total	Other Expenses (As Per Requirement)	Cost of cultivation
1x1 ft	30000 plants	3.5 Rs.	30000X3.5 =1,05,000/-	Fertilizers Land preparation Labor expenses etc.	1,05,000
<b>Total Cost of Plant: 1,05,000/-</b>					

**Income:**

Income of year (Production start in 4 month)	From each plant (leaves) (Approximated)	Buy Back Rate	Company buy-back	Total Income (Approximated)
1 <sup>st</sup> Year	2000kg	120 Rs/kg	120X2000 =Rs.2,40,000/-	2,40,000/-
2 <sup>nd</sup> Year	2000kg	120 Rs/kg	120X2000=Rs.2,40,000/-	2,40,000/-
3 <sup>rd</sup> Year	2000kg	120 Rs/kg	120X2000=Rs.2,40,000/-	2,40,000/-
4 <sup>th</sup> Year	2000kg	120 Rs/kg	120X2000 =Rs.2,40,000/-	2,40,000/-
5 <sup>th</sup> Year	2000kg	120 Rs/kg	120X2000 = Rs.2,40,000/-	2,40,000/-
<b>Total 5 years Income: 12,00,000/-</b>				

## ➤ Technical Support & Services:

**W**e 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 1<sup>th</sup> 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. 1,05,000/-, 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”)***

# THANK YOU

**For More Information Contact Us**

## **“MAATITATVA AGRO INDUSTRIES PVT. LTD.**

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